

Our ref: 11218519

August 15, 2025

Mr. Vance Atkins
Washington Department of Ecology
Northwest Regional Office
15700 Dayton Ave. N.
Shoreline, WA 98133

**Quarterly Progress Report
Shell Harbor Island Terminal
Seattle, Washington**

Dear Mr. Atkins:

GHD Services Inc. (GHD) has prepared this letter on behalf of Equilon Enterprises dba Shell Oil Products US (Shell) as a progress report update for the Seattle Terminal (Site) Model Toxics Control Act remedial action in accordance with Consent Decree No. 99-2-07176-0SEA Section XI. This progress report covers the period from April 1, 2025, to June 30, 2025.

Table 1 summarizes Groundwater Cleanup Levels established for the Site, and Table 2 summarizes the established groundwater monitoring program. Depth to groundwater and groundwater elevation data are summarized in Table 3, and product gauging data in Table 4. Natural attenuation parameters are summarized in Table 5, and chemical constituent data are summarized in Tables 6 and 7.

1. Current Reporting Period Activities

- Monthly gauging events with product monitoring were conducted at monitoring wells MW-208, MW-210, MW-211, and MW-212 on April 22, May 21, and June 24, 2025, within the Shoreline Manifold Area. Monitoring wells MW-210 and MW-212 have absorbent socks that are checked during each monitoring event. The sock in monitoring well MW-210 was changed during the April, May, and June events, and the sock in MW-212 was changed during the June event only. In MW-210, 0.64 feet of free product was detected during the April 2025 sampling event, and 0.08 feet was detected during the May 2025 event. No free product was detected in June. Measurable free product was not detected in wells MW-208, MW-211, or MW-212 during the monthly gauging events.
- The second quarter of 2025 groundwater monitoring and sampling event was conducted on June 23, 24, and 25, 2025, in accordance with the groundwater monitoring program as shown on Table 2.
- Monitoring wells gauged during this event included:
 - TX-03A Area Excluding the North Tank Farm: MW-101, MW-102, MW-301 through MW-304, MW-307 through MW-315, TES-MW-1, and TX-03A.
 - TX-03A Area North Tank Farm: MW-201 through MW-204, and MW-206A.
 - SH-04 Area: MW-05, MW-111, MW-112A, SH-04, and MW-104.

- Pump House Area: MW-113, MW-114, and MW-115.
- Shoreline Manifold Area: MW-208 and MW-210 through MW-214.
- Monitoring wells sampled during this event included:
 - TX-03A Area Excluding the North Tank Farm: MW-301, MW-303, MW-304, MW-307 through MW-315, and TX-03A. Well MW-302 is included in the groundwater monitoring program for second quarter sampling, but was unable to be accessed for sampling during the monitoring event.
 - TX-03A Area North Tank Farm: MW-202 and MW-203.
 - SH-04 Area: MW-05, MW-111, MW-112A, SH-04, and MW-104.
 - Pump House Area: MW-113, MW-114, and MW-115.
 - Shoreline Manifold Area: MW-213 and MW-214.

2. Deviations from Required Tasks Not Otherwise Documented

2.1 TX-03A Area Bio-Sparge System

Construction of a bio-sparging system was completed in May 2017, and the system started on May 25, 2017. The bio-sparging system was shut off December 6, 2019, and rebound testing was initiated. Wells evaluated for rebound testing during the first quarter 2025 include MW-301 through MW-304, MW-307, MW-308, MW-310 through MW-315, and TX-03A. Benzene concentrations in the wells within the bio-sparging area during the June 2025 event remained below the cleanup level, except for wells MW-301, MW-304, and TX-03A. Total petroleum hydrocarbons (TPH) as gasoline (TPHg) exceeded the Site-specific cleanup level in wells MW-301, MW-303, MW-304, MW-307, MW-310, MW-311, MW-312, MW-315, and TX-03A.

TPHg concentrations in all wells sampled generally remain below or within the range of concentrations reported between 2012 and 2016, prior to system operation, with the possible exception of well MW-311. However, the latest value reported in well MW-311 (2.33 milligrams per liter [mg/L]) is the lowest value detected in over 18 months and it is noted that concentrations initially increased in 2020 and have been of comparable magnitude since. It is also noted that the reported concentrations of TPHg in MW-312 (2.47 mg/L) and MW-315 (3.15 mg/L) are less than the previous sampling event and remain a comparable magnitude to historical observations since the installation of these wells.

GHD prepared a *TX-03A Area Contaminant Stability* memorandum, dated March 3, 2025, which presents the evaluation of trends in concentrations and spatial distribution of the TPHg and benzene dissolved plumes at the Site, to provide conclusions on the overall stability of remaining contaminants and expected longer-term trends. While focusing on specific timeframes and well-specific trends from wells MW-311, MW-312, and MW-315 could be construed to indicate increasing trends of TPHg, the evaluation of plume stability from a plume-scale perspective (i.e., as a whole) indicates stable and decreasing trends. Additionally, natural attenuation data collected from source wells closer to the biosparge system indicate that natural source zone depletion processes will continue to maintain stability and deplete petroleum hydrocarbon mass into the future, which is supported by Site-specific trends. Lastly, this evaluation identified an apparent expansion of the plume extent coinciding with the operation of the biosparge system, which correlates with the trend of increased TPHg concentrations at MW-311 starting in 2020 that have remained at a comparable magnitude since. Given these lines of evidence, mainly the overall stable/decreasing trends in plume-scale metrics since biosparge system shutdown and the continuation of naturally decreasing trends after biosparge system shutdown that started prior to sparge system implementation, GHD concluded it is unlikely that that additional operation of the biosparge system would provide a net benefit considering the costs (including financial, remedial risk, and

environmental footprint) involved. It is, therefore, recommended that the ongoing management strategy at the Site continues to be nature-based.

2.2 Pump House Area

Groundwater monitoring wells MW-113 through MW-115 were installed in June 2022 near the pump house, east of the main tank farm, to evaluate potential groundwater impacts associated with a 2020 gasoline release. Analytical results indicated that concentrations of TPHg, TPH as diesel range (TPHd), and TPH as oil range (TPHo), as well as benzene, toluene, ethylbenzene, and total xylenes (BTEX), were all below applicable cleanup levels in these wells.

3. Deviations from Schedule and Any Planned Deviations in Upcoming Reporting Period

No deviations are currently planned for the third quarter 2025.

4. Plan for any Deviations in Schedule for Recovery of List Time and Maintaining Compliance with Schedule

None.

5. All Raw Data (including laboratory analysis) Received by Shell during the Post Quarter and a List of Deliverables for the Upcoming Reporting Period

- The groundwater cleanup levels are provided on Table 1, and the groundwater monitoring program is provided in Table 2. The groundwater elevation data, product monitoring data, compliance monitoring natural attenuation parameters, and groundwater sample results for the second quarter 2025 are included with the historical data on Tables 3 through 7. New groundwater data from the second quarter 2025 monitoring events are highlighted on these tables in yellow.
- The laboratory report for the second quarter 2025 monitoring event is included in Attachment 1.
- Groundwater samples were analyzed for one or more of the following during the second quarter 2025 groundwater monitoring event, in accordance with Table 2:
 - Volatile organic compounds: BTEX.
 - TPHg, TPHd, TPHo.
 - Polycyclic aromatic hydrocarbons
 - Total lead
- A data quality review report is included in Attachment 2.

6. List of Deliverables for the Upcoming Reporting Period if Different from the Schedule

No deviations from the reporting schedule.

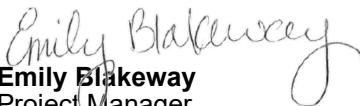
7. List of Deliverables in Review with Washington State Ecology or Other Agency

- AECOM, 2020a. Shell Harbor Island Terminal Major Remedial Efforts Summary (2016-2020). April 2.
- AECOM, 2020b. Shell Harbor Island Terminal Bio-Sparging System. April 9.
- AECOM, 2020c. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, May 15, 2020. May 15.
- AECOM, 2020d. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, August 14, 2020. August 14.
- GHD, 2020. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, November 13, 2020. November 13.
- GHD, 2021a. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA 2020 Annual Compliance Monitoring Report, February 15, 2021. February 15.
- GHD, 2021b. Shell Harbor Island Terminal Interim Action Report. March 11.
- GHD, 2021c. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, May 13, 2021. May 13.
- GHD, 2021d. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, August 11, 2021. August 11.
- GHD, 2021e. Shell Harbor Island Terminal Well Installation Work Plan. August 21, 2021. August 21.
- GHD, 2021f. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, November 15, 2021. November 15.
- GHD, 2022a. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA 2021 Annual Compliance Monitoring Report, February 15, 2022. February 15.
- GHD, 2022b. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, May 12, 2022. May 12.
- GHD, 2022c. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, August 15, 2022. August 15.
- GHD, 2022d. Shell Harbor Island Terminal Site Investigation Report. October 14, 2022. October 14.
- GHD, 2022e. Shell Harbor Island Terminal Revised Site Investigation Report. December 15, 2022. December 15.
- GHD, 2023a. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA 2022 Annual Compliance Monitoring Report, February 15, 2023. February 15.
- GHD, 2023b. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, May 12, 2023. May 12.
- GHD, 2023c. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, August 15, 2023. August 15.
- GHD, 2023d. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, November 7, 2023. November 7.

- GHD, 2024a. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA 2021 Annual Compliance Monitoring Report, February 14, 2024. February 14.
- GHD, 2024b. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA 2024 Quarterly Progress Report, May 13, 2024. May 13.
- GHD, 2024c. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, August 15, 2024. August 15.
- GHD, 2024d. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, November 15, 2024. November 15.
- GHD, 2025a. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA 2024 Annual Compliance Monitoring Report, February 14, 2025. February 14.
- GHD, 2025b. Env-Agency Correspondence, Shell – Triton West Consent Decree – Harbor Island, TX-03A Area Contaminant Stability, March 3, 2025. March 3.
- GHD, 2025c. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, May 14, 2025. May 14.
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Please do not hesitate to contact me at (425) 563-6502 if you have any questions or comments.

Sincerely,


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 Project Manager

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Encl.

Tables:
 Table 1 Groundwater Cleanup Levels
 Table 2 Groundwater Monitoring Program
 Table 3 Groundwater Elevation Data
 Table 4 Performance Product Monitoring Data
 Table 5 Compliance Monitoring Natural Attenuation Parameters
 Table 6 BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
 Table 7 Carcinogenic PAHs in Groundwater

Attachments:

Attachment 1 Laboratory Report
 Attachment 2 Data Quality Review Report

Copy to: Andrea Wing, Shell Oil Products US
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Tables

**Groundwater Cleanup Levels
Shell Harbor Island Terminal
Seattle, Washington**

Constituent	Cleanup Level^a (mg/L)
Arsenic	0.036 ^b
Benzene	0.071
cPAH TEQ	0.000031
Ethylbenzene	29.0
Lead	0.0058
TPH-G	1.0
TPH-D	10
TPH-O	10
Toluene	200.0

Notes:

^a Cleanup levels per the Consent Decree (Ecology, 1998), except where noted.

^b Cleanup level based on ambient water quality criteria (chronic criteria for the protection of aquatic organisms) per WAC 173-201A-040.

mg/L = milligrams per liter

cPAH TEQ = There are not established individual cleanup levels for polycyclic aromatic hydrocarbons (PAHs). The carcinogenic PAHs total toxic equivalent concentration (TEQ) is calculated and compared to the established cleanup level.

TPH-D = total petroleum hydrocarbons as diesel

TPH-G = total petroleum hydrocarbons as gasoline

TPH-O = total petroleum hydrocarbons as oil

Table 2

**Groundwater Monitoring Program
Shell Harbor Island Terminal
Seattle, Washington**

Well	Schedule														Compliance Monitoring Well Network Well Class				Well Construction		Comments and Deviations from Monitoring Program
	1Q		2Q		3Q		4Q (2nd Semi-Annual & Annual)														
	Gauge	Sample	Gauge	Sample	Gauge	Sample	Gauge	Sample	Total Lead	BTEX	TPH-Gx	TPH-Dx	PAHs	NA Parameters	Performance Product	NA Performance	Groundwater Quality Confirmation	Sentry	Total Dept (ft bgs)	Screened Interval (ft bgs)	
TX-03A Area - North Tank Farm																					
MW-201	G		G		G		G	S		X	X	X						X	15	5 - 14.5	
MW-202	G		G	S	G		G	S		xA	X	X		xA		X			15	5 - 14.5	
MW-203	G		G	S	G		G	S			X	X		xA		X			15	5 - 14.5	
MW-204	G		G		G		G	S		X	X	X			X			X	15	5 - 14.5	
MW-206A	G		G		G		G	S		X	X	X					X-BGD		15	5 - 14.5	
TX-03A Area - Excluding the North Tank Farm																					
MW-101	G		G		G		G	S		X	X	X							15	5 - 14.5	
MW-102	G		G		G		G	S		X	X	X						X	15	5 - 14.5	
MW-301	G	S	G	S	G	S	G	S		X	X								15	5 - 15	
MW-302	G	S	G	S	G	S	G	S		X	X	xA		xA		X			15	5 - 15	
MW-303	G	S	G	S	G	S	G	S		X	X	xA							15	5 - 15	
MW-304	G	S	G	S	G	S	G	S		X	X	xA		xA		X			15	5 - 15	
MW-307	G	S	G	S	G	S	G	S		X	X	XS		xA		X			15	5 - 15	
MW-308	G	S	G	S	G	S	G	S		X	X			xA		X			15	5 - 15	
MW-309	G		G	S	G		G	S		X	X	xA							15	5 - 15	
MW-310	G	S	G	S	G	S	G	S		X	X	xA		xA		X			15	5 - 15	
MW-311	G	S	G	S	G	S	G	S		X	X			xA		X		X	15	5 - 15	
MW-312	G	S	G	S	G	S	G	S		X	X			xA		X		X	15	5 - 15	
MW-313	G	S	G	S	G	S	G	S		X	X	X						X	15	5 - 15	
MW-314	G	S	G	S	G	S	G	S		X	X	X						X	15	5 - 15	
MW-315	G	S	G	S	G	S	G	S		X	X	X						X	15	5 - 15	
TES-MW-1	G		G		G		G	S		X	X	X							18.5	2.5 - 18	
TX-03A	G	S	G	S	G	S	G	S		X	X	xA		xA		X			16	6 - 16	
SH-04 Area																					
MW-05			G	S			G	S		X	X	X						X	19.5	4.5 - 14.5	
MW-111			G	S			G	S		X	X	X						X	15	5 - 14.5	
MW-112A			G	S			G	S		X	X	X						X	15	5.5 - 15	
SH-04			G	S			G	S		X	X	X						X	16	6 - 16	
MW-104			G	S			G	S	X		X	X						X	15	5 - 14.5	
Pump House Area Wells																					
MW-113			G	S			G	S		X	X	X							15	5 - 15	
MW-114			G	S			G	S		X	X	X							15	5 - 15	
MW-115			G	S			G	S		X	X	X							15	5 - 15	
Additional Compliance Monitoring Wells																					
MW-105							G	S	X	X	X	X						X	15	5 - 14.5	
TX-04							G	S		X	X	X						X	16	6 - 16	
TX-06A							G	S		X	X	X						X	15.8	5.5 - 15.5	
Shoreline Manifold Area																					
MW-208	MG		MG		MG		MG								X				15	5 - 14.5	
MW-210	MG		MG		MG		MG								X				15	unknown	
MW-211	MG		MG		MG		MG								X				13	3 - 13	
MW-212	MG		MG		MG		MG								X				13	3 - 13	
MW-213			G	S			G	S		X	X	X	X				X-POC		41	30 - 40	
MW-214			G	S			G	S		X	X	X	X				X-POC		42	29.5-39.5	
Additional Wells (Included in Annual Inspection only)																					
ASW-1																			14	13 - 14	Air sparge well
PSV-1																			4	3 - 4	Soil gas well
PSV-2																			4	3 - 4	Soil gas well

**Groundwater Monitoring Program
Shell Harbor Island Terminal
Seattle, Washington**

Well	Schedule								Analysis								Compliance Monitoring Well Network Well Class				Well Construction		Comments and Deviations from Monitoring Program
	1Q		2Q		3Q		4Q (2nd Semi- Annual & Annual																
	Gauge	Sample	Gauge	Sample	Gauge	Sample	Gauge	Sample	Total Lead	BTEX	TPH-Gx	TPH-Dx	PAHs	NA Parameters	Performance Product	NA Performance	Groundwater Quality Confirmation	Sentry	Total Dept (ft bgs)	Screened Interval (ft bgs)			
SVE-1																			4	3 - 4	Soil vapor extraction well		
TW-01																			14	4 - 14	Pumping test well		
DP-06																			65.5	55.5 - 61.5	Wells were discovered during consultant transition. Groundwater monitoring of these wells is required.		
MW-06																			71.5	56.5 - 66.5			
MW-103																			49.5	39.5 - 49			
MW-106																			15	5 - 14			
MW-107																			15.5	5 - 15			
MW-108																			50.5	40.5 - 50			
MW-109																			15	5 - 14.5			
MW-110																			15	5 - 14.5			
MW-205																			48.5	38.5 - 48			
MW-209																			49.5	39.5 - 49			
MW-305																			15	5 - 15			
MW-306																			15	5 - 15			
AMW-8																			25.5	4.5-24.5	Wells were discovered during TSO Terminal Audit and are no longer used by operations for leak detection.		
AMW-3																			26	5-25	Groundwater monitoring of these wells is not required. Checking for well logs for future well abandonment.		

Notes:

Red = Modifications to the program since the November 2008 proposed changes which were established in correspondence between URS and Ecology.

Additional modifications to incorporate Pump House Area Wells per GHD's October 14, 2022 Site Investigation Report.

1Q = March

2Q = June

3Q = August

4Q = December

Addtl = Additional

BGD = Background well with respect to confirmational sampling

BTEX = benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8260B

Dec = December

DTP = Depth to product

ft bgs = below ground surface

G = indicates a well to be gauged during that event

MG = monthly gauge

NA = natural attenuation

Natural Attenuation Parameters: Nitrate and Nitrite by EPA Method 353.2, Sulfate by EPA Method 300.0, Dissolved Iron and Manganese by EPA Method 6010B/6020A (Lab Filtered), and Ferrous Iron collected in the field.

PAHs = polycyclic aromatic hydrocarbons by EPA Method 8270C-SIM

POC = Conditional Point of Compliance Well

Q = quarter

Table 2

**Groundwater Monitoring Program
Shell Harbor Island Terminal
Seattle, Washington**

Well	Schedule														Compliance Monitoring				Well Construction		Comments and Deviations from Monitoring Program
	1Q		2Q		3Q		4Q (2nd Semi-Annual & Annual								Analysis						
	Gauge	Sample	Gauge	Sample	Gauge	Sample	Gauge	Sample	Total	Lead	BTEX	TPH-Gx	TPH-Dx	PAHs	NA Parameters	Performance Product	NA Performance	Groundwater Quality Confirmation	Sentry	Total Dept (ft bgs)	

S = indicates a well to be sampled during that event

Sept = September

Total Lead by EPA Method 6020

TPH-Dx = total petroleum hydrocarbons as diesel by NWTPH-Dx

TPH-Gx = total petroleum hydrocarbons as gasoline by NWTPH-Gx

WLM = Water level measurement

X = indicates a well to be analyzed for that analyte

XA = indicates a well to be analyzed for that analyte during the annual sampling event only

XS = indicates a well to be analyzed for that analyte during both semi-annual sampling events only

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-05	04/06/93	10.39	6.12	4.27
MW-05	05/13/93	10.39	5.92	4.47
MW-05	06/10/93	10.39	5.98	4.41
MW-05	07/08/93	10.39	6.23	4.16
MW-05	08/03/93	10.39	6.50	3.89
MW-05	10/08/93	10.39	7.22	3.17
MW-05	11/05/93	10.39	7.42	2.97
MW-05	12/03/93	10.39	7.38	3.01
MW-05	01/05/94	10.39	6.64	3.75
MW-05	02/04/94	10.39	6.54	3.85
MW-05	08/28/95	10.39	Not Measured	Not Measured
MW-05	09/27/95	10.39	8.35	2.04
MW-05	04/27/99	10.39	8.07	2.32
MW-05	07/14/99	10.39	5.88	4.51
MW-05	10/18/99	10.39	7.00	3.39
MW-05	04/05/00	10.39	5.05	5.34
MW-05	07/18/00	10.39	6.30	4.09
MW-05	10/02/00	10.39	7.15	3.24
MW-05	01/22/01	10.39	6.50	3.89
MW-05	07/23/01	10.39	7.43	2.96
MW-05	07/18/02	10.39	7.10	3.29
MW-05	01/30/03	10.39	5.84	4.55
MW-05	04/15/03	10.39	5.80	4.59
MW-05	07/17/03	10.39	7.12	3.27
MW-05	10/15/03	10.39	7.78	2.61
MW-05	10/23/03	10.39	7.80	2.59
MW-05	01/13/04	10.39	5.65	4.74
MW-05	04/19/04	13.57	6.35	7.22
MW-05	07/27/04	13.57	7.32	6.25
MW-05	10/18/04	13.57	7.36	6.21
MW-05	01/24/05	13.57	6.26	7.31
MW-05	04/18/05	13.57	6.27	7.30
MW-05	07/12/05	13.57	6.85	6.72
MW-05	10/18/05	13.57	7.60	5.97
MW-05	01/25/06	13.57	4.78	8.79
MW-05	04/25/06	13.57	5.90	7.67
MW-05	10/11/06	13.57	7.62	5.95
MW-05	11/19/08	13.57	8.23	5.34
MW-05	11/16/09	13.57	6.44	7.13
MW-05	10/29/10	13.57	6.57	7.00
MW-05	10/25/11	13.57	7.25	6.32
MW-05	05/30/12	13.57	5.86	7.71

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-05	08/23/12	13.57	6.63	6.94
MW-05	11/27/12	13.57	5.30	8.27
MW-05	05/16/13	13.57	5.72	7.85
MW-05	11/07/13	13.57	6.49	7.08
MW-05	04/22/14	13.57	5.25	8.32
MW-05	12/08/15	13.57	5.42	8.15
MW-05	05/04/16	13.57	5.22	8.35
MW-05	12/14/16	13.57	4.78	8.79
MW-05	06/13/17	13.57	5.45	8.12
MW-05	12/04/17	13.57	5.64	7.93
MW-05	06/12/18	13.57	6.43	7.14
MW-05	12/17/18	13.57	6.27	7.30
MW-05	05/15/19	13.57	6.69	6.88
MW-05	12/09/19	13.57	7.09	6.48
MW-05	06/29/20	13.57	6.30	7.27
MW-05	12/14/20	13.57	6.31	7.26
MW-05	04/12/21	13.57	5.40	8.17
MW-05	06/14/21	13.57	6.27	7.30
MW-05	12/15/21	13.57	5.00	8.57
MW-05	04/18/22	13.57	5.35	8.22
MW-05	06/27/22	13.57	5.73	7.84
MW-05	12/12/22	13.57	5.95	7.62
MW-05	06/12/23	13.57	5.98	7.59
MW-05	12/18/23	13.57	4.85	8.72
MW-05	06/17/24	13.57	8.03	5.54
MW-05	12/16/24	13.57	7.76	5.81
MW-05	06/23/25	13.57	8.31	5.26
MW-101	04/06/93	15.14	10.48	4.66
MW-101	05/13/93	15.14	10.32	4.82
MW-101	06/10/93	15.14	10.45	4.69
MW-101	07/08/93	15.14	10.75	4.39
MW-101	08/03/93	15.14	11.09	4.05
MW-101	09/08/93	15.14	11.52	3.62
MW-101	10/08/93	15.14	11.89	3.25
MW-101	11/05/93	15.14	12.13	3.01
MW-101	12/03/93	15.14	12.14	3.00
MW-101	01/05/94	15.14	11.16	3.98
MW-101	02/04/94	15.14	11.02	4.12
MW-101	08/28/95	15.14	11.25	3.89
MW-101	09/27/95	15.14	11.49	3.65
MW-101	04/27/99	15.14	9.22	5.92

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-101	07/14/99	15.14	10.73	4.41
MW-101	10/18/99	15.14	11.78	3.36
MW-101	01/11/00	15.14	9.73	5.41
MW-101	04/05/00	15.14	9.85	5.29
MW-101	07/18/00	15.14	11.01	4.13
MW-101	10/02/00	15.14	11.85	3.29
MW-101	01/22/01	15.14	11.67	3.47
MW-101	07/23/01	15.14	12.33	2.81
MW-101	10/16/01	15.14	13.15	1.99
MW-101	04/23/02	15.14	10.81	4.33
MW-101	07/18/02	15.14	11.88	3.26
MW-101	10/23/02	15.14	12.73	2.41
MW-101	01/30/03	15.14	10.09	5.05
MW-101	04/15/03	15.14	10.36	4.78
MW-101	07/17/03	15.14	11.94	3.20
MW-101	10/15/03	15.14	12.68	2.46
MW-101	01/13/04	15.14	10.06	5.08
MW-101	04/19/04	18.21	11.13	7.08
MW-101	07/27/04	18.21	12.07	6.14
MW-101	10/18/04	18.21	12.19	6.02
MW-101	01/24/05	18.21	10.61	7.60
MW-101	04/18/05	18.21	10.86	7.35
MW-101	07/12/05	18.21	11.61	6.60
MW-101	10/18/05	18.21	12.45	5.76
MW-101	01/25/06	18.21	9.21	9.00
MW-101	04/25/06	18.21	10.75	7.46
MW-101	10/11/06	18.21	12.39	5.82
MW-101	11/18/08	18.21	11.45	6.76
MW-101	11/16/09	18.21	10.95	7.26
MW-101	10/26/10	18.21	11.36	6.85
MW-101	10/25/11	18.21	12.15	6.06
MW-101	05/30/12	18.21	10.79	7.42
MW-101	06/13/12	18.21	10.90	7.31
MW-101	09/26/12	18.21	12.04	6.17
MW-101	11/27/12	18.21	9.90	8.31
MW-101	02/22/13	18.21	10.24	7.97
MW-101	05/16/13	18.21	10.89	7.32
MW-101	09/06/13	18.21	11.99	6.22
MW-101	11/07/13	18.21	11.78	6.43
MW-101	04/22/14	18.21	10.16	8.05
MW-101	11/04/14	18.21	10.70	7.51
MW-101	03/10/15	18.21	10.31	7.90

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-101	05/15/15	18.21	10.03	8.18
MW-101	07/29/15	18.21	11.86	6.35
MW-101	12/10/15	18.21	9.12	9.09
MW-101	02/23/16	18.21	8.81	9.40
MW-101	05/03/16	18.21	10.29	7.92
MW-101	08/30/16	18.21	11.29	6.92
MW-101	12/14/16	18.21	9.62	8.59
MW-101	03/13/17	18.21	8.87	9.34
MW-101	06/13/17	18.21	10.53	7.68
MW-101	08/22/17	18.21	11.63	6.58
MW-101	12/04/17	18.21	10.18	8.03
MW-101	03/06/18	18.21	10.05	8.16
MW-101	06/12/18	18.21	11.03	7.18
MW-101	09/05/18	18.21	11.97	6.24
MW-101	12/17/18	18.21	10.98	7.23
MW-101	03/18/19	18.21	10.17	8.04
MW-101	05/15/19	18.21	10.58	7.63
MW-101	09/17/19	18.21	12.03	6.18
MW-101	12/09/19	18.21	11.82	6.39
MW-101	04/27/20	18.21	10.53	7.68
MW-101	06/29/20	18.21	11.15	7.06
MW-101	09/21/20	18.21	12.00	6.21
MW-101	12/14/20	18.21	11.10	7.11
MW-101	04/12/21	18.21	10.20	8.01
MW-101	06/14/21	18.21	11.05	7.16
MW-101	09/22/21	18.21	12.00	6.21
MW-101	12/14/21	18.21	9.41	8.80
MW-101	03/28/22	18.21	9.67	8.54
MW-101	06/27/22	18.21	11.22	6.99
MW-101	09/19/22	18.21	11.79	6.42
MW-101	12/12/22	18.21	10.70	7.51
MW-101	03/27/23	18.21	11.26	6.95
MW-101	06/12/23	18.21	10.30	7.91
MW-101	09/11/23	18.21	10.96	7.25
MW-101	12/18/23	18.21	9.31	8.90
MW-101	03/11/24	18.21	9.31	8.90
MW-101	06/17/24	18.21	10.63	7.58
MW-101	09/18/24	18.21	11.81	6.40
MW-101	12/16/24	18.21	10.55	7.66
MW-101	03/24/25	18.21	9.67	8.54
MW-101	06/23/25	18.21	11.01	7.20

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-102	04/06/93	12.51	7.99	4.52
MW-102	05/13/93	12.51	7.82	4.69
MW-102	06/10/93	12.51	7.80	4.71
MW-102	07/08/93	12.51	8.32	4.19
MW-102	08/03/93	12.51	8.68	3.83
MW-102	09/08/93	12.51	9.03	3.48
MW-102	10/08/93	12.51	9.44	3.07
MW-102	11/05/93	12.51	9.62	2.89
MW-102	12/03/93	12.51	9.42	3.09
MW-102	01/05/94	12.51	8.50	4.01
MW-102	02/04/94	12.51	8.52	3.99
MW-102	08/28/95	12.51	8.86	3.65
MW-102	09/27/95	12.51	9.17	3.34
MW-102	04/27/99	12.51	6.68	5.83
MW-102	07/14/99	12.51	8.40	4.11
MW-102	10/18/99	12.51	9.38	3.13
MW-102	01/11/00	12.51	7.43	5.08
MW-102	04/05/00	12.51	7.55	4.96
MW-102	07/18/00	12.51	8.37	4.14
MW-102	10/02/00	12.51	9.45	3.06
MW-102	01/22/01	12.51	9.12	3.39
MW-102	07/23/01	12.51	9.91	2.60
MW-102	04/23/02	12.51	8.17	4.34
MW-102	07/18/02	12.51	9.44	3.07
MW-102	07/18/02	12.51	9.44	3.07
MW-102	10/23/02	12.51	10.05	2.46
MW-102	01/28/03	12.51	7.20	5.31
MW-102	04/15/03	12.51	7.75	4.76
MW-102	07/17/03	12.51	9.51	3.00
MW-102	10/15/03	12.51	10.11	2.40
MW-102	01/13/04	12.51	7.49	5.02
MW-102	04/19/04	15.60	8.72	6.88
MW-102	07/27/04	15.60	9.62	5.98
MW-102	10/18/04	15.60	9.54	6.06
MW-102	01/24/05	15.60	7.92	7.68
MW-102	04/18/05	15.60	8.20	7.40
MW-102	07/12/05	15.60	9.10	6.50
MW-102	10/18/05	15.60	9.87	5.73
MW-102	01/25/06	15.60	3.94	11.66
MW-102	04/25/06	15.60	8.24	7.36
MW-102	10/11/06	15.60	9.84	5.76
MW-102	11/19/08	15.60	8.79	6.81

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-102	11/16/09	15.60	8.10	7.50
MW-102	10/28/10	15.60	8.64	6.96
MW-102	10/25/11	15.60	9.59	6.01
MW-102	05/30/12	15.60	8.27	7.33
MW-102	06/13/12	15.60	8.32	7.28
MW-102	09/26/12	15.60	9.53	6.07
MW-102	11/27/12	15.60	7.03	8.57
MW-102	02/22/13	15.60	7.88	7.72
MW-102	05/16/13	15.60	8.40	7.20
MW-102	09/06/13	15.60	9.36	6.24
MW-102	11/07/13	15.60	9.18	6.42
MW-102	04/22/14	15.60	7.69	7.91
MW-102	11/04/14	15.60	7.91	7.69
MW-102	03/10/15	15.60	7.90	7.70
MW-102	05/15/15	15.60	8.47	7.13
MW-102	07/29/15	15.60	9.39	6.21
MW-102	12/10/15	15.60	6.53	9.07
MW-102	02/23/16	15.60	6.78	8.82
MW-102	05/03/16	15.60	7.92	7.68
MW-102	08/30/16	15.60	8.98	6.62
MW-102	12/14/16	15.60	7.27	8.33
MW-102	03/13/17	15.60	6.75	8.85
MW-102	06/13/17	15.60	8.10	7.50
MW-102	08/22/17	15.60	9.20	6.40
MW-102	12/04/17	15.60	7.32	8.28
MW-102	03/06/18	15.60	8.61	6.99
MW-102	06/12/18	15.60	9.02	6.58
MW-102	09/05/18	15.60	9.47	6.13
MW-102	12/17/18	15.60	8.20	7.40
MW-102	03/18/19	15.60	7.69	7.91
MW-102	05/15/19	15.60	7.83	7.77
MW-102	09/17/19	15.60	9.36	6.24
MW-102	12/09/19	15.60	9.23	6.37
MW-102	04/27/20	15.60	7.97	7.63
MW-102	06/29/20	15.60	8.53	7.07
MW-102	09/21/20	15.60	9.48	6.12
MW-102	12/14/20	15.60	8.31	7.29
MW-102	04/12/21	15.60	7.77	7.83
MW-102	06/14/21	15.60	8.47	7.13
MW-102	09/22/21	15.60	9.39	6.21
MW-102	12/16/21	15.60	6.81	8.79
MW-102	03/28/22	15.60	7.28	8.32

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-102	06/27/22	15.60	8.46	7.14
MW-102	09/19/22	15.60	9.44	6.16
MW-102	12/12/22	15.60	7.25	8.35
MW-102	03/27/23	15.60	8.02	7.58
MW-102	06/12/23	15.60	7.97	7.63
MW-102	09/11/23	15.60	9.00	6.60
MW-102	12/18/23	15.60	6.84	8.76
MW-102	03/11/24	15.60	6.91	8.69
MW-102	06/17/24	15.60	8.35	7.25
MW-102	09/18/24	15.60	9.24	6.36
MW-102	12/16/24	15.60	7.75	7.85
MW-102	03/24/25	15.60	7.14	8.46
MW-102	06/23/25	15.60	9.33	6.27
MW-104	04/06/93	10.22	5.98	4.24
MW-104	05/13/93	10.22	6.79	3.43
MW-104	06/10/93	10.22	5.85	4.37
MW-104	07/08/93	10.22	6.13	4.09
MW-104	08/03/93	10.22	6.38	3.84
MW-104	09/08/93	10.22	6.72	3.50
MW-104	10/08/93	10.22	7.05	3.17
MW-104	11/05/93	10.22	7.26	2.96
MW-104	12/03/93	10.22	7.26	2.96
MW-104	01/05/94	10.22	6.64	3.58
MW-104	02/04/94	10.22	6.46	3.76
MW-104	08/28/95	10.22	6.43	3.79
MW-104	09/27/95	10.22	6.70	3.52
MW-104	04/27/99	10.22	2.41	7.81
MW-104	07/14/99	10.22	5.62	4.60
MW-104	10/18/99	10.22	6.80	3.42
MW-104	01/11/00	10.22	5.04	5.18
MW-104	04/05/00	10.22	4.80	5.42
MW-104	07/18/00	10.22	6.15	4.07
MW-104	10/02/00	10.22	7.02	3.20
MW-104	01/22/01	10.22	6.45	3.77
MW-104	07/23/01	10.22	7.39	2.83
MW-104	10/16/01	10.22	8.59	1.63
MW-104	04/23/02	10.22	5.91	4.31
MW-104	07/18/02	10.22	7.07	3.15
MW-104	10/23/02	10.22	7.74	2.48
MW-104	01/28/03	10.22	6.03	4.19
MW-104	04/15/03	10.22	5.75	4.47

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-104	07/17/03	10.22	7.08	3.14
MW-104	10/15/03	10.22	7.76	2.46
MW-104	01/13/04	10.22	5.58	4.64
MW-104	04/19/04	13.46	6.30	7.16
MW-104	07/27/04	13.46	7.25	6.21
MW-104	10/18/04	13.46	7.34	6.12
MW-104	01/24/05	13.46	6.27	7.19
MW-104	04/18/05	13.46	6.22	7.24
MW-104	07/12/05	13.46	6.81	6.65
MW-104	10/18/05	13.46	7.55	5.91
MW-104	01/25/06	13.46	4.78	8.68
MW-104	04/25/06	13.46	5.82	7.64
MW-104	10/11/06	13.46	7.54	5.92
MW-104	11/18/08	13.46	6.74	6.72
MW-104	04/08/09	13.46	6.27	7.19
MW-104	11/16/09	13.46	6.39	7.07
MW-104	04/27/10	13.46	5.45	8.01
MW-104	10/26/10	13.46	6.53	6.93
MW-104	10/25/11	13.46	7.15	6.31
MW-104	03/01/12	13.46	5.82	7.64
MW-104	05/30/12	13.46	5.74	7.72
MW-104	06/13/12	13.46	5.86	7.60
MW-104	08/23/12	13.46	6.50	6.96
MW-104	09/26/12	13.46	6.90	6.56
MW-104	11/27/12	13.46	5.24	8.22
MW-104	05/16/13	13.46	5.65	7.81
MW-104	11/07/13	13.46	6.44	7.02
MW-104	04/22/14	13.46	5.20	8.26
MW-104	11/05/14	13.46	6.02	7.44
MW-104	05/20/15	13.46	5.86	7.60
MW-104	12/09/15	13.46	5.32	8.14
MW-104	12/14/16	13.46	4.78	8.68
MW-104	06/13/17	13.46	5.41	8.05
MW-104	12/04/17	13.46	5.75	7.71
MW-104	06/12/18	13.46	5.96	7.50
MW-104	12/17/18	13.46	6.23	7.23
MW-104	05/15/19	13.46	5.97	7.49
MW-104	12/09/19	13.46	6.99	6.47
MW-104	06/29/20	13.46	6.22	7.24
MW-104	12/14/20	13.46	6.18	7.28
MW-104	04/12/21	13.46	5.30	8.16
MW-104	06/14/21	13.46	6.17	7.29

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-104	12/15/21	13.46	4.99	8.47
MW-104	04/18/22	13.46	5.21	8.25
MW-104	06/27/22	13.46	5.62	7.84
MW-104	12/12/22	13.46	5.81	7.65
MW-104	06/12/23	13.46	5.96	7.50
MW-104	12/18/23	13.46	4.78	8.68
MW-104	06/17/24	13.46	6.09	7.37
MW-104	12/16/24	13.46	5.97	7.49
MW-104	06/23/25	13.46	6.17	7.29
MW-105	04/06/93	9.05	4.97	4.08
MW-105	05/13/93	9.05	4.88	4.17
MW-105	06/10/93	9.05	4.83	4.22
MW-105	07/08/93	9.05	5.20	3.85
MW-105	08/03/93	9.05	5.43	3.62
MW-105	09/08/93	9.05	6.76	2.29
MW-105	10/08/93	9.05	6.06	2.99
MW-105	11/05/93	9.05	6.28	2.77
MW-105	12/03/93	9.05	6.18	2.87
MW-105	01/05/94	9.05	5.65	3.40
MW-105	02/04/94	9.05	5.63	3.42
MW-105	08/28/95	9.05	5.39	3.66
MW-105	09/27/95	9.05	5.70	3.35
MW-105	04/27/99	9.05	3.39	5.66
MW-105	07/14/99	9.05	4.58	4.47
MW-105	10/18/99	9.05	5.79	3.26
MW-105	01/11/00	9.05	3.97	5.08
MW-105	04/05/00	9.05	3.84	5.21
MW-105	07/18/00	9.05	4.90	4.15
MW-105	10/02/00	9.05	6.22	2.83
MW-105	01/22/01	9.05	5.56	3.49
MW-105	07/23/01	9.05	6.48	2.57
MW-105	04/23/02	9.05	5.25	3.80
MW-105	07/18/02	9.05	6.17	2.88
MW-105	10/23/02	9.05	6.78	2.27
MW-105	01/28/03	9.05	5.02	4.03
MW-105	04/15/03	9.05	4.97	4.08
MW-105	07/17/03	9.05	6.20	2.85
MW-105	10/15/03	9.05	6.66	2.39
MW-105	01/13/04	9.05	5.01	4.04
MW-105	04/19/04	12.18	5.51	6.67
MW-105	07/27/04	12.18	6.28	5.90

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-105	10/18/04	12.18	6.15	6.03
MW-105	01/24/05	12.18	5.02	7.16
MW-105	04/18/05	12.18	5.19	6.99
MW-105	07/12/05	12.18	5.82	6.36
MW-105	10/18/05	12.18	6.44	5.74
MW-105	01/25/06	12.18	4.05	8.13
MW-105	04/25/06	12.18	5.00	7.18
MW-105	10/11/06	12.18	6.51	5.67
MW-105	11/19/08	12.18	5.52	6.66
MW-105	11/16/09	12.18	5.03	7.15
MW-105	10/26/10	12.18	5.33	6.85
MW-105	10/25/11	12.18	6.06	6.12
MW-105	11/26/12	12.18	3.82	8.36
MW-105	11/07/13	12.18	5.42	6.76
MW-105	11/05/14	12.18	4.62	7.56
MW-105	12/08/15	12.18	4.00	8.18
MW-105	12/14/16	12.18	4.15	8.03
MW-105	12/04/17	12.18	4.55	7.63
MW-105	12/17/18	12.18	5.04	7.14
MW-105	12/09/19	12.18	5.83	6.35
MW-105	12/14/20	12.18	5.18	7.00
MW-105	04/12/21	12.18	4.55	7.63
MW-105	12/15/21	12.18	3.99	8.19
MW-105	12/12/22	12.18	4.35	7.83
MW-105	12/18/23	12.18	3.99	8.19
MW-105	12/16/24	12.18	5.00	7.18
MW-111	04/06/93	8.61	4.95	3.66
MW-111	05/13/93	8.61	4.87	3.74
MW-111	06/10/93	8.61	4.84	3.77
MW-111	07/08/93	8.61	5.11	3.50
MW-111	08/03/93	8.61	5.29	3.32
MW-111	09/08/93	8.61	5.56	3.05
MW-111	10/08/93	8.61	5.81	2.80
MW-111	11/05/93	8.61	5.97	2.64
MW-111	12/03/93	8.61	5.93	2.68
MW-111	01/05/94	8.61	5.45	3.16
MW-111	02/04/94	8.61	5.28	3.33
MW-111	08/28/95	8.61	5.28	3.33
MW-111	09/27/95	8.61	5.45	3.16
MW-111	04/27/99	8.61	3.55	5.06
MW-111	07/14/99	8.61	4.65	3.96

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-111	10/18/99	8.61	5.59	3.02
MW-111	01/11/00	8.61	4.18	4.43
MW-111	04/05/00	8.61	3.94	4.67
MW-111	07/13/00	8.61	5.30	3.31
MW-111	10/02/00	8.61	5.68	2.93
MW-111	01/22/01	8.61	5.37	3.24
MW-111	07/23/01	8.61	6.22	2.39
MW-111	10/16/01	8.61	7.37	1.24
MW-111	04/23/02	8.61	5.28	3.33
MW-111	07/18/02	8.61	5.94	2.67
MW-111	10/23/02	8.61	6.50	2.11
MW-111	01/28/03	8.61	5.05	3.56
MW-111	04/15/03	8.61	5.03	3.58
MW-111	07/17/03	8.61	6.05	2.56
MW-111	10/15/03	8.61	6.45	2.16
MW-111	01/13/04	8.61	4.84	3.77
MW-111	04/19/04	11.88	5.46	6.42
MW-111	07/27/04	11.88	6.16	5.72
MW-111	10/18/04	11.88	6.11	5.77
MW-111	01/24/05	11.88	5.33	6.55
MW-111	04/18/05	11.88	5.27	6.61
MW-111	07/12/05	11.88	5.75	6.13
MW-111	10/18/05	11.88	6.26	5.62
MW-111	01/25/06	11.88	4.42	7.46
MW-111	04/25/06	11.88	4.88	7.00
MW-111	10/11/06	11.88	6.30	5.58
MW-111	11/19/08	11.88	8.62	3.26
MW-111	11/16/09	11.88	5.30	6.58
MW-111	10/26/10	11.88	5.35	6.53
MW-111	10/25/11	11.88	5.89	5.99
MW-111	05/30/12	11.88	4.81	7.07
MW-111	08/23/12	11.88	Not Measured	Not Measured
MW-111	11/29/12	11.88	4.14	7.74
MW-111	05/16/13	11.88	4.63	7.25
MW-111	11/07/13	11.88	5.10	6.78
MW-111	04/22/14	11.88	4.32	7.56
MW-111	11/05/14	11.88	4.58	7.30
MW-111	12/08/15	11.88	4.36	7.52
MW-111	12/14/16	11.88	4.04	7.84
MW-111	06/13/17	11.88	4.51	7.37
MW-111	12/04/17	11.88	4.59	7.29
MW-111	06/12/18	11.88	5.25	6.63

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-111	12/17/18	11.88	4.98	6.90
MW-111	05/15/19	11.88	4.97	6.91
MW-111	12/09/19	11.88	5.66	6.22
MW-111	06/29/20	11.88	5.12	6.76
MW-111	12/14/20	11.88	5.10	6.78
MW-111	04/12/21	11.88	4.46	7.42
MW-111	06/14/21	11.88	5.10	6.78
MW-111	12/15/21	11.88	4.14	7.74
MW-111	04/18/22	11.88	4.38	7.50
MW-111	06/27/22	11.88	4.67	7.21
MW-111	12/12/22	11.88	4.75	7.13
MW-111	06/12/23	11.88	4.59	7.29
MW-111	12/18/23	11.88	3.95	7.93
MW-111	06/17/24	11.88	5.00	6.88
MW-111	12/16/24	11.88	4.96	6.92
MW-111	06/23/25	11.88	5.13	6.75
MW-112	04/06/93	9.98	6.69	3.29
MW-112	05/13/93	9.98	6.61	3.37
MW-112	06/10/93	9.98	6.51	3.47
MW-112	07/08/93	9.98	6.83	3.15
MW-112	08/03/93	9.98	7.00	2.98
MW-112	09/08/93	9.98	7.24	2.74
MW-112	10/08/93	9.98	7.50	2.48
MW-112	11/05/93	9.98	7.56	2.42
MW-112	12/03/93	9.98	7.41	2.57
MW-112	01/05/94	9.98	6.93	3.05
MW-112	02/04/94	9.98	6.83	3.15
MW-112	08/28/95	9.98	6.98	3.00
MW-112	09/27/95	9.98	7.13	2.85
MW-112	04/27/99	9.98	5.66	4.32
MW-112	07/14/99	9.98	6.57	3.41
MW-112	10/18/99	9.98	7.36	2.62
MW-112	01/11/00	9.98	5.89	4.09
MW-112	04/05/00	9.98	5.81	4.17
MW-112	07/18/00	9.98	7.11	2.87
MW-112	10/02/00	9.98	7.57	2.41
MW-112	04/25/06	9.98	6.44	3.54
MW-112A	04/24/02	9.98	6.85	3.13
MW-112A	07/18/02	9.98	7.22	2.76

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-112A	10/23/02	9.98	7.52	2.46
MW-112A	01/28/03	9.98	6.25	3.73
MW-112A	04/15/03	9.98	6.47	3.51
MW-112A	07/17/03	9.98	7.30	2.68
MW-112A	10/15/03	9.98	7.49	2.49
MW-112A	01/13/04	9.98	6.20	3.78
MW-112A	04/19/04	12.52	6.93	5.59
MW-112A	07/27/04	12.52	7.41	5.11
MW-112A	10/18/04	12.52	7.15	5.37
MW-112A	01/24/05	12.52	6.52	6.00
MW-112A	04/18/05	12.52	6.60	5.92
MW-112A	07/12/05	12.52	7.10	5.42
MW-112A	10/18/05	12.52	7.34	5.18
MW-112A	01/25/06	12.52	5.95	6.57
MW-112A	10/11/06	12.52	7.43	5.09
MW-112A	11/19/08	12.52	6.73	5.79
MW-112A	11/16/09	12.52	6.35	6.17
MW-112A	10/29/10	12.52	6.51	6.01
MW-112A	10/25/11	12.52	7.03	5.49
MW-112A	05/30/12	12.52	6.28	6.24
MW-112A	08/23/12	12.52	6.56	5.96
MW-112A	11/25/12	12.52	5.23	7.29
MW-112A	05/16/13	12.52	6.24	6.28
MW-112A	11/04/13	12.52	-	-
MW-112A	04/22/14	12.52	5.90	6.62
MW-112A	11/06/14	12.52	5.68	6.84
MW-112A	12/08/15	12.52	5.42	7.10
MW-112A	12/14/16	12.52	5.69	6.83
MW-112A	06/13/17	12.52	6.25	6.27
MW-112A	12/04/17	12.52	5.93	6.59
MW-112A	06/12/18	12.52	6.51	6.01
MW-112A	12/17/18	12.52	5.97	6.55
MW-112A	05/16/19	12.52	6.39	6.13
MW-112A	12/09/19	12.52	6.73	5.79
MW-112A	06/29/20	12.52	6.31	6.21
MW-112A	12/14/20	12.52	6.45	6.07
MW-112A	04/12/21	12.52	6.11	6.41
MW-112A	06/14/21	12.52	6.40	6.12
MW-112A	12/15/21	12.52	5.52	7.00
MW-112A	04/18/22	12.52	6.04	6.48
MW-112A	06/27/22	12.52	6.17	6.35
MW-112A	12/12/22	12.52	5.88	6.64

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-112A	06/12/23	12.52	5.46	7.06
MW-112A	12/18/23	12.52	5.52	7.00
MW-112A	06/17/24	12.52	6.36	6.16
MW-112A	12/16/24	12.52	6.23	6.29
MW-112A	06/23/25	12.52	6.50	6.02
MW-113	06/27/22	12.47	4.76	7.71
MW-113	12/12/22	12.47	4.82	7.65
MW-113	06/12/23	12.47	5.05	7.42
MW-113	12/18/23	12.47	3.95	8.52
MW-113	06/17/24	12.47	5.18	7.29
MW-113	12/16/24	12.47	4.96	7.51
MW-113	06/23/25	12.47	5.38	7.09
MW-114	06/27/22	13.18	5.03	8.15
MW-114	12/12/22	13.18	5.10	8.08
MW-114	06/12/23	13.18	5.18	8.00
MW-114	12/18/23	13.18	4.22	8.96
MW-114	06/17/24	13.18	5.57	7.61
MW-114	12/16/24	13.18	5.16	8.02
MW-114	06/23/25	13.18	5.77	7.41
MW-115	06/27/22	12.64	4.74	7.90
MW-115	12/12/22	12.64	4.60	8.04
MW-115	06/12/23	12.64	5.10	7.54
MW-115	12/18/23	12.64	3.98	8.66
MW-115	06/17/24	12.64	5.20	7.44
MW-115	12/16/24	12.64	4.85	7.79
MW-115	06/23/25	12.64	5.37	7.27
MW-201	04/06/93	17.07	14.03	3.04
MW-201	05/13/93	17.07	14.02	3.05
MW-201	06/10/93	17.07	13.97	3.10
MW-201	07/08/93	17.07	14.25	2.82
MW-201	08/03/93	17.07	14.48	2.59
MW-201	09/08/93	17.07	14.68	2.39
MW-201	10/08/93	17.07	14.90	2.17
MW-201	11/05/93	17.07	15.03	2.04
MW-201	12/03/93	17.07	14.96	2.11
MW-201	01/05/94	17.07	14.10	2.97
MW-201	02/04/94	17.07	14.32	2.75
MW-201	08/28/95	17.07	14.49	2.58

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-201	09/27/95	17.07	14.56	2.51
MW-201	04/27/99	17.07	13.04	4.03
MW-201	07/14/99	17.07	14.26	2.81
MW-201	10/18/99	17.07	14.93	2.14
MW-201	01/11/00	17.07	13.03	4.04
MW-201	04/05/00	17.07	13.90	3.17
MW-201	07/18/00	17.07	14.09	2.98
MW-201	10/02/00	17.07	14.82	2.25
MW-201	01/22/01	17.07	14.43	2.64
MW-201	07/23/01	17.07	14.95	2.12
MW-201	10/16/01	17.07	16.11	0.96
MW-201	04/24/02	17.07	14.23	2.84
MW-201	07/18/02	17.07	14.73	2.34
MW-201	10/23/02	17.07	15.13	1.94
MW-201	01/28/03	17.07	13.13	3.94
MW-201	04/15/03	17.07	13.58	3.49
MW-201	07/17/03	17.07	14.70	2.37
MW-201	10/15/03	17.07	14.99	2.08
MW-201	01/13/04	17.07	12.71	4.36
MW-201	04/19/04	20.18	14.07	6.11
MW-201	07/27/04	20.18	14.70	5.48
MW-201	10/18/04	20.18	14.70	5.48
MW-201	01/24/05	20.18	13.44	6.74
MW-201	04/18/05	20.18	13.73	6.45
MW-201	07/12/05	20.18	14.47	5.71
MW-201	10/18/05	20.18	14.99	5.19
MW-201	01/25/06	20.18	12.61	7.57
MW-201	04/25/06	20.18	13.94	6.24
MW-201	10/11/06	20.18	15.00	5.18
MW-201	11/20/08	20.18	13.77	6.41
MW-201	11/16/09	20.18	13.74	6.44
MW-201	10/27/10	20.18	14.42	5.76
MW-201	10/26/11	20.18	14.94	5.24
MW-201	11/27/12	20.18	13.10	7.08
MW-201	02/22/13	20.18	13.74	6.44
MW-201	05/16/13	20.18	14.45	5.73
MW-201	09/06/13	20.18	14.78	5.40
MW-201	11/07/13	20.18	14.70	5.48
MW-201	04/22/14	20.18	13.42	6.76
MW-201	11/04/14	20.18	13.65	6.53
MW-201	03/10/15	20.18	13.64	6.54
MW-201	05/15/15	20.18	14.34	5.84

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-201	07/29/15	20.18	14.65	5.53
MW-201	12/10/15	20.18	12.23	7.95
MW-201	02/23/16	20.18	12.33	7.85
MW-201	05/03/16	20.18	13.74	6.44
MW-201	08/30/16	20.18	14.04	6.14
MW-201	12/14/16	20.18	12.86	7.32
MW-201	03/13/17	20.18	12.18	8.00
MW-201	06/13/17	20.18	13.85	6.33
MW-201	08/22/17	20.18	14.43	5.75
MW-201	12/04/17	20.18	12.87	7.31
MW-201	03/06/18	20.18	13.28	6.90
MW-201	06/12/18	20.18	13.58	6.60
MW-201	09/05/18	20.18	8.22	11.96
MW-201	12/17/18	20.18	13.66	6.52
MW-201	03/18/19	20.18	13.14	7.04
MW-201	05/15/19	20.18	14.06	6.12
MW-201	09/17/19	20.18	14.64	5.54
MW-201	12/09/19	20.18	14.52	5.66
MW-201	04/27/20	20.18	14.05	6.13
MW-201	06/29/20	20.18	14.32	5.86
MW-201	09/21/20	20.18	14.59	5.59
MW-201	12/14/20	20.18	14.28	5.90
MW-201	04/12/21	20.18	13.74	6.44
MW-201	06/14/21	20.18	14.32	5.86
MW-201	09/22/21	20.18	14.68	5.50
MW-201	12/16/21	20.18	--	--
MW-201	03/28/22	20.18	13.16	7.02
MW-201	06/27/22	20.18	14.06	6.12
MW-201	09/19/22	20.18	14.31	5.87
MW-201	12/12/22	20.18	13.90	6.28
MW-201	03/27/23	20.18	13.41	6.77
MW-201	06/12/23	20.18	12.96	7.22
MW-201	09/11/23	20.18	14.07	6.11
MW-201	12/18/23	20.18	12.91	7.27
MW-201	03/11/24	20.18	12.95	7.23
MW-201	06/17/24	20.18	14.18	6.00
MW-201	09/18/24	20.18	14.52	5.66
MW-201	12/16/24	20.18	13.34	6.84
MW-201	03/24/25	20.18	12.94	7.24
MW-201	06/23/25	20.18	14.20	5.98
MW-202	04/06/93	16.77	13.23	3.54

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-202	05/13/93	16.77	13.17	3.60
MW-202	06/10/93	16.77	13.26	3.51
MW-202	07/08/93	16.77	13.54	3.23
MW-202	08/03/93	16.77	13.76	3.01
MW-202	09/08/93	16.77	14.04	2.73
MW-202	10/08/93	16.77	14.30	2.47
MW-202	11/05/93	16.77	14.48	2.29
MW-202	12/03/93	16.77	14.34	2.43
MW-202	01/05/94	16.77	13.73	3.04
MW-202	02/04/94	16.77	13.63	3.14
MW-202	08/28/95	16.77	13.78	2.99
MW-202	09/27/95	16.77	13.95	2.82
MW-202	04/27/99	16.77	12.38	4.39
MW-202	07/14/99	16.77	13.57	3.20
MW-202	10/18/99	16.77	14.31	2.46
MW-202	01/11/00	16.77	12.95	3.82
MW-202	04/05/00	16.77	12.96	3.81
MW-202	07/18/00	16.77	13.21	3.56
MW-202	10/02/00	16.77	14.25	2.52
MW-202	01/22/01	16.77	14.46	2.31
MW-202	07/23/01	16.77	14.64	2.13
MW-202	10/16/01	16.77	15.81	0.96
MW-202	04/24/02	16.77	13.80	2.97
MW-202	07/18/02	16.77	14.28	2.49
MW-202	10/23/02	16.77	14.73	2.04
MW-202	01/28/03	16.77	12.95	3.82
MW-202	04/15/03	16.77	13.13	3.64
MW-202	07/17/03	16.77	14.30	2.47
MW-202	10/15/03	16.77	14.62	2.15
MW-202	01/13/04	16.77	12.81	3.96
MW-202	04/19/04	19.86	13.61	6.25
MW-202	07/27/04	19.86	14.29	5.57
MW-202	10/18/04	19.86	14.30	5.56
MW-202	01/24/05	19.86	13.29	6.57
MW-202	04/18/05	19.86	13.51	6.35
MW-202	07/12/05	19.86	14.02	5.84
MW-202	10/18/05	19.86	14.59	5.27
MW-202	01/25/06	19.86	12.38	7.48
MW-202	04/25/06	19.86	13.43	6.43
MW-202	10/11/06	19.86	14.58	5.28
MW-202	11/20/08	19.86	13.92	5.94
MW-202	04/07/09	19.86	13.71	6.15

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-202	11/16/09	19.86	13.70	6.16
MW-202	04/27/10	19.86	13.24	6.62
MW-202	10/27/10	19.86	14.04	5.82
MW-202	10/26/11	19.86	14.45	5.41
MW-202	03/02/12	19.86	13.70	6.16
MW-202	05/30/12	19.86	13.65	6.21
MW-202	06/13/12	19.86	13.76	6.10
MW-202	09/26/12	19.86	14.42	5.44
MW-202	11/27/12	19.86	13.09	6.77
MW-202	02/22/13	19.86	13.27	6.59
MW-202	05/16/13	19.86	13.80	6.06
MW-202	09/06/13	19.86	14.38	5.48
MW-202	11/07/13	19.86	14.25	5.61
MW-202	04/22/14	19.86	13.23	6.63
MW-202	11/04/14	19.86	13.44	6.42
MW-202	03/10/15	19.86	13.23	6.63
MW-202	05/15/15	19.86	13.76	6.10
MW-202	07/29/15	19.86	14.18	5.68
MW-202	12/10/15	19.86	12.76	7.10
MW-202	02/23/16	19.86	12.15	7.71
MW-202	05/03/16	19.86	13.11	6.75
MW-202	08/30/16	19.86	14.00	5.86
MW-202	12/14/16	19.86	12.81	7.05
MW-202	03/13/17	19.86	12.25	7.61
MW-202	06/13/17	19.86	13.23	6.63
MW-202	08/22/17	19.86	13.98	5.88
MW-202	12/04/17	19.86	13.15	6.71
MW-202	03/06/18	19.86	13.03	6.83
MW-202	06/12/18	19.86	13.53	6.33
MW-202	09/05/18	19.86	8.20	11.66
MW-202	12/17/18	19.86	13.45	6.41
MW-202	03/18/19	19.86	12.95	6.91
MW-202	05/15/19	19.86	13.42	6.44
MW-202	09/17/19	19.86	14.16	5.70
MW-202	12/09/19	19.86	14.10	5.76
MW-202	04/27/20	19.86	13.49	6.37
MW-202	06/29/20	19.86	13.75	6.11
MW-202	09/21/20	19.86	14.20	5.66
MW-202	12/14/20	19.86	13.65	6.21
MW-202	04/12/21	19.86	13.15	6.71
MW-202	06/14/21	19.86	13.75	6.11
MW-202	09/22/21	19.86	14.20	5.66

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-202	12/16/21	19.86	12.70	7.16
MW-202	03/28/22	19.86	12.77	7.09
MW-202	06/27/22	19.86	13.23	6.63
MW-202	09/19/22	19.86	13.84	6.02
MW-202	12/12/22	19.86	13.56	6.30
MW-202	03/27/23	19.86	12.98	6.88
MW-202	06/12/23	19.86	12.35	7.51
MW-202	09/11/23	19.86	13.69	6.17
MW-202	12/18/23	19.86	12.62	7.24
MW-202	03/11/24	19.86	12.58	7.28
MW-202	06/17/24	19.86	13.47	6.39
MW-202	09/18/24	19.86	14.01	5.85
MW-202	12/16/24	19.86	13.78	6.08
MW-202	03/24/25	19.86	12.73	7.13
MW-202	06/23/25	19.86	13.76	6.10
MW-203	04/06/93	11.04	7.39	3.65
MW-203	05/13/93	11.04	7.31	3.73
MW-203	06/10/93	11.04	7.40	3.64
MW-203	07/08/93	11.04	7.66	3.38
MW-203	08/03/93	11.04	7.93	3.11
MW-203	09/08/93	11.04	8.20	2.84
MW-203	10/08/93	11.04	8.46	2.58
MW-203	11/05/93	11.04	8.65	2.39
MW-203	12/03/93	11.04	8.64	2.40
MW-203	01/05/94	11.04	7.99	3.05
MW-203	02/04/94	11.04	7.88	3.16
MW-203	08/28/95	11.04	7.86	3.18
MW-203	09/27/95	11.04	8.02	3.02
MW-203	04/27/99	11.04	6.32	4.72
MW-203	07/14/99	11.04	7.58	3.46
MW-203	10/18/99	11.04	8.42	2.62
MW-203	01/11/00	11.04	6.98	4.06
MW-203	04/05/00	11.04	6.92	4.12
MW-203	07/18/00	11.04	8.00	3.04
MW-203	10/02/00	11.04	8.40	2.64
MW-203	01/22/01	11.04	8.47	2.57
MW-203	07/23/01	11.04	8.69	2.35
MW-203	10/16/01	11.04	9.73	1.31
MW-203	04/24/02	11.04	7.45	3.59
MW-203	10/23/02	11.04	8.80	2.24
MW-203	01/28/03	11.04	6.76	4.28

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-203	04/15/03	11.04	7.05	3.99
MW-203	07/17/03	11.04	8.25	2.79
MW-203	01/13/04	11.04	6.71	4.33
MW-203	04/19/04	13.99	7.58	6.41
MW-203	07/27/04	13.99	8.25	5.74
MW-203	10/18/04	13.99	8.34	5.65
MW-203	01/24/05	13.99	7.31	6.68
MW-203	04/18/05	13.99	7.43	6.56
MW-203	07/12/05	13.99	7.96	6.03
MW-203	10/18/05	13.99	8.64	5.35
MW-203	01/25/06	13.99	6.41	7.58
MW-203	04/25/06	13.99	7.18	6.81
MW-203	10/11/06	13.99	8.58	5.41
MW-203	11/18/08	13.99	8.01	5.98
MW-203	04/08/09	13.99	7.63	6.36
MW-203	11/16/09	13.99	4.97	9.02
MW-203	04/26/10	13.99	7.17	6.82
MW-203	10/25/10	13.99	8.10	5.89
MW-203	10/26/11	13.99	5.45	8.54
MW-203	05/30/12	13.99	7.61	6.38
MW-203	06/13/12	13.99	7.65	6.34
MW-203	09/26/12	13.99	8.40	5.59
MW-203	11/27/12	13.99	7.25	6.74
MW-203	02/22/13	13.99	7.26	6.73
MW-203	05/16/13	13.99	7.80	6.19
MW-203	09/06/13	13.99	8.37	5.62
MW-203	11/07/13	13.99	8.27	5.72
MW-203	04/22/14	13.99	7.33	6.66
MW-203	11/04/14	13.99	7.59	6.40
MW-203	03/10/15	13.99	6.70	7.29
MW-203	05/15/15	13.99	7.74	6.25
MW-203	07/29/15	13.99	8.18	5.81
MW-203	12/10/15	13.99	6.83	7.16
MW-203	02/23/16	13.99	5.92	8.07
MW-203	05/03/16	13.99	7.02	6.97
MW-203	08/30/16	13.99	8.17	5.82
MW-203	12/14/16	13.99	6.62	7.37
MW-203	03/13/17	13.99	5.83	8.16
MW-203	06/13/17	13.99	7.17	6.82
MW-203	08/22/17	13.99	7.98	6.01
MW-203	12/04/17	13.99	7.24	6.75
MW-203	03/06/18	13.99	6.57	7.42

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-203	06/12/18	13.99	7.55	6.44
MW-203	09/05/18	13.99	8.14	5.85
MW-203	12/17/18	13.99	7.68	6.31
MW-203	03/18/19	13.99	6.96	7.03
MW-203	05/16/19	13.99	7.38	6.61
MW-203	09/17/19	13.99	8.19	5.80
MW-203	12/09/19	13.99	8.13	5.86
MW-203	04/27/20	13.99	7.39	6.60
MW-203	06/29/20	13.99	7.55	6.44
MW-203	09/21/20	13.99	8.14	5.85
MW-203	12/14/20	13.99	7.62	6.37
MW-203	04/12/21	13.99	7.13	6.86
MW-203	06/14/21	13.99	7.75	6.24
MW-203	09/22/21	13.99	8.26	5.73
MW-203	12/16/21	13.99	6.80	7.19
MW-203	03/28/22	13.99	6.90	7.09
MW-203	06/27/22	13.99	7.02	6.97
MW-203	09/19/22	13.99	7.39	6.60
MW-203	12/12/22	13.99	7.04	6.95
MW-203	03/27/23	13.99	6.29	7.70
MW-203	06/12/23	13.99	5.63	8.36
MW-203	09/12/23	13.99	7.24	6.75
MW-203	12/20/23	13.99	5.16	8.83
MW-203	03/11/24	13.99	4.98	9.01
MW-203	06/17/24	13.99	7.49	6.50
MW-203	09/18/24	13.99	8.07	5.92
MW-203	12/16/24	13.99	7.43	6.56
MW-203	03/24/25	13.99	6.58	7.41
MW-203	06/23/25	13.99	7.69	6.30
MW-204	04/06/93	14.21	10.97	3.24
MW-204	05/13/93	14.21	10.92	3.29
MW-204	06/10/93	14.21	10.98	3.23
MW-204	07/08/93	14.21	11.20	3.01
MW-204	08/03/93	14.21	11.44	2.77
MW-204	09/08/93	14.21	11.64	2.57
MW-204	10/08/93	14.21	11.85	2.36
MW-204	11/05/93	14.21	12.03	2.18
MW-204	12/03/93	14.21	12.01	2.20
MW-204	01/05/94	14.21	11.42	2.79
MW-204	02/04/94	14.21	11.35	2.86
MW-204	08/28/95	14.21	11.58	2.63

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-204	09/27/95	14.21	11.57	2.64
MW-204	04/05/00	14.21	Not Measured	Not Measured
MW-204	10/02/00	14.21	Not Measured	Not Measured
MW-204	01/22/01	14.21	11.69	2.52
MW-204	07/23/01	14.21	12.05	2.16
MW-204	10/16/01	14.21	13.17	1.04
MW-204	07/27/04	14.21	11.67	2.54
MW-204	10/18/04	17.27	11.71	5.56
MW-204	01/24/05	17.27	10.72	6.55
MW-204	04/18/05	17.27	10.98	6.29
MW-204	07/12/05	17.27	11.40	5.87
MW-204	10/18/05	17.27	11.98	5.29
MW-204	01/25/06	17.27	9.96	7.31
MW-204	10/11/06	17.27	11.96	5.31
MW-204	11/20/08	17.27	11.45	5.82
MW-204	11/16/09	17.27	11.20	6.07
MW-204	10/27/10	17.27	11.54	5.73
MW-204	10/27/11	17.27	10.71	6.56
MW-204	03/26/12	17.27	Not Measured	Not Measured
MW-204	06/12/12	17.27	11.20	6.07
MW-204	09/27/12	17.27	Not Measured	Not Measured
MW-204	11/27/12	17.27	10.81	6.46
MW-204	12/20/12	17.27	Not Measured	Not Measured
MW-204	02/22/13	17.27	10.81	6.46
MW-204	05/16/13	17.27	11.30	5.97
MW-204	09/06/13	17.27	11.77	5.50
MW-204	11/07/13	17.27	11.71	5.56
MW-204	04/22/14	17.27	10.78	6.49
MW-204	11/04/14	17.27	11.04	6.23
MW-204	03/10/15	17.27	10.75	6.52
MW-204	05/15/15	17.27	11.21	6.06
MW-204	07/29/15	17.27	11.59	5.68
MW-204	12/10/15	17.27	9.91	7.36
MW-204	02/23/16	17.27	9.67	7.60
MW-204	05/03/16	17.27	10.53	6.74
MW-204	08/30/16	17.27	11.78	5.49
MW-204	12/14/16	17.27	10.34	6.93
MW-204	03/13/17	17.27	9.83	7.44
MW-204	08/22/17	17.27	11.34	5.93
MW-204	12/04/17	17.27	10.84	6.43
MW-204	03/06/18	17.27	10.55	6.72
MW-204	06/12/18	17.27	11.04	6.23

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-204	09/05/18	17.27	8.20	9.07
MW-204	12/17/18	17.27	11.10	6.17
MW-204	03/18/19	17.27	10.51	6.76
MW-204	05/15/19	17.27	10.98	6.29
MW-204	09/17/19	17.27	11.65	5.62
MW-204	12/09/19	17.27	11.54	5.73
MW-204	04/27/20	17.27	10.94	6.33
MW-204	06/29/20	17.27	11.26	6.01
MW-204	09/21/20	17.27	11.59	5.68
MW-204	12/14/20	17.27	11.22	6.05
MW-204	04/12/21	17.27	10.71	6.56
MW-204	06/14/21	17.27	11.27	6.00
MW-204	09/22/21	17.27	11.65	5.62
MW-204	12/16/21	17.27	10.42	6.85
MW-204	03/28/22	17.27	10.48	6.79
MW-204	06/27/22	17.27	11.18	6.09
MW-204	09/19/22	17.27	11.58	5.69
MW-204	12/12/22	17.27	10.88	6.39
MW-204	03/27/23	17.27	9.70	7.57
MW-204	06/12/23	17.27	10.23	7.04
MW-204	09/11/23	17.27	11.33	5.94
MW-204	12/18/23	17.27	9.89	7.38
MW-204	03/11/24	17.27	9.92	7.35
MW-204	06/17/24	17.27	11.23	6.04
MW-204	09/18/24	17.27	11.49	5.78
MW-204	12/16/24	17.27	10.98	6.29
MW-204	03/24/25	17.27	10.42	6.85
MW-204	06/23/25	17.27	11.10	6.17
MW-206	04/06/93	10.75	9.83	0.92
MW-206	05/13/93	10.75	6.72	4.03
MW-206	06/10/93	10.75	6.78	3.97
MW-206	07/08/93	10.75	7.08	3.67
MW-206	08/03/93	10.75	7.35	3.40
MW-206	09/08/93	10.75	7.66	3.09
MW-206	10/08/93	10.75	7.95	2.80
MW-206	11/05/93	10.75	8.15	2.60
MW-206	12/03/93	10.75	8.17	2.58
MW-206	01/05/94	10.75	7.42	3.33
MW-206	02/04/94	10.75	7.24	3.51
MW-206	08/28/95	10.75	7.01	3.74
MW-206	09/27/95	10.75	7.19	3.56

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-206	04/27/99	10.75	5.59	5.16
MW-206	07/14/99	10.75	6.97	3.78
MW-206	10/18/99	10.75	7.88	2.87
MW-206	01/11/00	10.75	6.34	4.41
MW-206	04/05/00	10.75	6.32	4.43
MW-206	07/18/00	10.75	7.11	3.64
MW-206	10/02/00	10.75	7.92	2.83
MW-206	01/22/01	10.75	8.93	1.82
MW-206	04/25/06	10.75	9.30	1.45
MW-206	10/11/06	10.75	10.44	0.31
MW-206A	04/24/02	10.75	7.43	3.32
MW-206A	07/18/02	10.75	8.07	2.68
MW-206A	10/23/02	10.75	8.55	2.20
MW-206A	01/28/03	10.75	6.40	4.35
MW-206A	04/15/03	10.75	5.26	5.49
MW-206A	07/17/03	10.75	8.06	2.69
MW-206A	04/19/04	15.90	9.51	6.39
MW-206A	07/27/04	15.90	10.23	5.67
MW-206A	10/18/04	15.90	10.17	5.73
MW-206A	01/24/05	15.90	9.18	6.72
MW-206A	04/18/05	15.90	9.38	6.52
MW-206A	07/12/05	15.90	9.87	6.03
MW-206A	10/18/05	15.90	10.50	5.40
MW-206A	01/25/06	15.90	8.23	7.67
MW-206A	11/20/08	15.90	9.81	6.09
MW-206A	11/16/09	15.90	9.48	6.42
MW-206A	10/25/10	15.90	9.74	6.16
MW-206A	10/26/11	15.90	10.25	5.65
MW-206A	05/30/12	15.90	9.44	6.46
MW-206A	06/13/12	15.90	9.49	6.41
MW-206A	09/26/12	15.90	10.21	5.69
MW-206A	11/27/12	15.90	9.05	6.85
MW-206A	02/22/13	15.90	9.04	6.86
MW-206A	05/16/13	15.90	8.44	7.46
MW-206A	09/06/13	15.90	10.06	5.84
MW-206A	11/07/13	15.90	10.04	5.86
MW-206A	04/22/14	15.90	9.01	6.89
MW-206A	11/04/14	15.90	9.25	6.65
MW-206A	03/10/15	15.90	9.03	6.87
MW-206A	05/15/15	15.90	9.49	6.41
MW-206A	07/29/15	15.90	9.99	5.91

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-206A	12/10/15	15.90	8.36	7.54
MW-206A	02/23/16	15.90	8.09	7.81
MW-206A	05/03/16	15.90	9.03	6.87
MW-206A	08/30/16	15.90	10.25	5.65
MW-206A	12/14/16	15.90	8.51	7.39
MW-206A	03/13/17	15.90	7.98	7.92
MW-206A	06/13/17	15.90	9.02	6.88
MW-206A	08/22/17	15.90	9.74	6.16
MW-206A	12/04/17	15.90	9.07	6.83
MW-206A	03/06/18	15.90	8.78	7.12
MW-206A	06/12/18	15.90	6.90	9.00
MW-206A	09/05/18	15.90	9.94	5.96
MW-206A	12/17/18	15.90	9.23	6.67
MW-206A	03/18/19	15.90	8.86	7.04
MW-206A	05/15/19	15.90	9.30	6.60
MW-206A	09/17/19	15.90	10.13	5.77
MW-206A	12/09/19	15.90	9.98	5.92
MW-206A	04/27/20	15.90	9.22	6.68
MW-206A	06/29/20	15.90	9.40	6.50
MW-206A	09/21/20	15.90	10.08	5.82
MW-206A	12/14/20	15.90	7.15	8.75
MW-206A	04/12/21	15.90	7.20	8.70
MW-206A	06/14/21	15.90	9.45	6.45
MW-206A	09/22/21	15.90	10.05	5.85
MW-206A	12/16/21	15.90	8.57	7.33
MW-206A	03/28/22	15.90	8.79	7.11
MW-206A	06/27/22	15.90	7.23	8.67
MW-206A	09/19/22	15.90	9.23	6.67
MW-206A	12/12/22	15.90	9.31	6.59
MW-206A	03/27/23	15.90	6.80	9.10
MW-206A	06/12/23	15.90	7.88	8.02
MW-206A	09/11/23	15.90	9.84	6.06
MW-206A	12/18/23	15.90	9.24	6.66
MW-206A	03/11/24	15.90	8.22	7.68
MW-206A	06/17/24	15.90	9.19	6.71
MW-206A	09/18/24	15.90	10.02	5.88
MW-206A	12/16/24	15.90	9.30	6.60
MW-206A	03/24/25	15.90	8.38	7.52
MW-206A	06/23/25	15.90	9.49	6.41
MW-208	06/28/13	--	4.98	--
MW-208	09/11/13	--	5.67	--

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-208	10/30/13	--	5.97	--
MW-208	11/05/13	--	5.51	--
MW-208	01/16/14	--	5.46	--
MW-208	02/27/14	--	4.72	--
MW-208	03/25/14	--	4.91	--
MW-208	04/22/14	--	4.98	--
MW-208	06/10/14	--	5.62	--
MW-208	07/24/14	--	5.50	--
MW-208	08/28/14	--	5.73	--
MW-208	09/23/14	--	5.76	--
MW-208	10/22/14	--	4.82	--
MW-208	11/05/14	--	4.50	--
MW-208	12/18/14	12.16	4.28	7.88
MW-208	01/27/15	12.16	4.52	7.64
MW-208	02/26/15	12.16	4.92	7.24
MW-208	03/11/15	12.16	5.29	6.87
MW-208	04/21/15	12.16	5.08	7.08
MW-208	05/19/15	12.16	5.31	6.85
MW-208	06/11/15	12.16	5.34	6.82
MW-208	07/29/15	12.16	5.81	6.35
MW-208	08/25/15	12.16	5.95	6.21
MW-208	09/24/15	12.16	5.72	6.44
MW-208	10/15/15	12.16	5.35	6.81
MW-208	11/20/15	12.16	4.37	7.79
MW-208	12/09/15	12.16	2.55	9.61
MW-208	02/23/16	12.16	4.18	7.98
MW-208	04/22/16	12.16	4.90	7.26
MW-208	05/03/16	12.16	5.27	6.89
MW-208	06/02/16	12.16	5.34	6.82
MW-208	07/14/16	12.16	5.58	6.58
MW-208	08/18/16	12.16	5.80	6.36
MW-208	09/08/16	12.16	5.88	6.28
MW-208	10/21/16	12.16	5.40	6.76
MW-208	11/17/16	12.16	3.67	8.49
MW-208	12/01/16	12.16	3.93	8.23
MW-208	01/11/17	12.16	2.83	9.33
MW-208	02/14/17	12.16	3.81	8.35
MW-208	03/13/17	12.16	4.04	8.12
MW-208	04/13/17	12.16	3.78	8.38
MW-208	05/08/17	12.16	4.78	7.38
MW-208	06/13/17	12.16	5.00	7.16
MW-208	07/18/17	12.16	5.32	6.84

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-208	08/22/17	12.16	5.32	6.84
MW-208	09/13/17	12.16	5.68	6.48
MW-208	10/31/17	12.16	5.58	6.58
MW-208	11/13/17	12.16	4.67	7.49
MW-208	12/04/17	12.16	4.15	8.01
MW-208	03/06/18	12.16	4.57	7.59
MW-208	06/12/18	12.16	5.25	6.91
MW-208	09/05/18	12.16	5.75	6.41
MW-208	12/17/18	12.16	4.13	8.03
MW-208	01/16/19	12.16	4.48	7.68
MW-208	02/20/19	12.16	3.98	8.18
MW-208	03/18/19	12.16	4.95	7.21
MW-208	04/10/19	12.16	4.66	7.50
MW-208	05/15/19	12.16	4.91	7.25
MW-208	06/26/19	12.16	5.47	6.69
MW-208	07/24/19	12.16	5.43	6.73
MW-208	08/13/19	12.16	5.45	6.71
MW-208	09/17/19	12.16	5.23	6.93
MW-208	10/16/19	12.16	5.61	6.55
MW-208	11/05/19	12.16	5.62	6.54
MW-208	12/09/19	12.16	5.08	7.08
MW-208	01/28/20	12.16	3.05	9.11
MW-208	02/26/20	12.16	4.81	7.35
MW-208	04/27/20	12.16	5.18	6.98
MW-208	06/16/20	12.16	5.25	6.91
MW-208	06/29/20	12.16	5.08	7.08
MW-208	07/29/20	12.16	5.20	6.96
MW-208	08/27/20	12.16	5.41	6.75
MW-208	09/21/20	12.16	5.09	7.07
MW-208	10/29/20	12.16	5.58	6.58
MW-208	11/30/20	12.16	4.82	7.34
MW-208	12/14/20	12.16	4.75	7.41
MW-208	01/21/21	12.16	4.27	7.89
MW-208	02/16/21	12.16	3.69	8.47
MW-208	03/23/21	12.16	4.53	7.63
MW-208	04/12/21	12.16	5.28	6.88
MW-208	05/12/21	12.16	5.54	6.62
MW-208	06/14/21	12.16	4.97	7.19
MW-208	07/15/21	12.16	5.31	6.85
MW-208	08/18/21	12.16	5.52	6.64
MW-208	09/22/21	12.16	5.46	6.70
MW-208	10/21/21	12.16	5.32	6.84

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-208	11/23/21	12.16	4.28	7.88
MW-208	12/14/21	12.16	3.99	8.17
MW-208	01/25/22	12.16	4.34	7.82
MW-208	02/28/22	12.16	4.59	7.57
MW-208	03/28/22	12.16	4.63	7.53
MW-208	04/18/22	12.16	5.08	7.08
MW-208	05/23/22	12.16	4.81	7.35
MW-208	06/27/22	12.16	5.02	7.14
MW-208	07/20/22	12.16	5.03	7.13
MW-208	08/23/22	12.16	5.55	6.61
MW-208	09/19/22	12.16	5.58	6.58
MW-208	12/12/22	12.16	4.21	7.95
MW-208	01/26/23	12.16	4.41	7.75
MW-208	02/23/23	12.16	4.11	8.05
MW-208	03/27/23	12.16	4.34	7.82
MW-208	04/13/23	12.16	4.44	7.72
MW-208	05/16/23	12.16	4.63	7.53
MW-208	06/12/23	12.16	4.88	7.28
MW-208	07/20/23	12.16	5.32	6.84
MW-208	08/17/23	12.16	5.37	6.79
MW-208	09/11/23	12.16	5.62	6.54
MW-208	11/16/23	12.16	4.52	7.64
MW-208	12/18/23	12.16	4.25	7.91
MW-208	01/16/24	12.16	4.02	8.14
MW-208	02/22/24	12.16	4.15	8.01
MW-208	03/11/24	12.16	3.72	8.44
MW-208	04/11/24	12.16	4.66	7.50
MW-208	05/23/24	12.16	5.48	6.68
MW-208	06/17/24	12.16	5.59	6.57
MW-208	07/11/24	12.16	5.48	6.68
MW-208	08/15/24	12.16	5.78	6.38
MW-208	09/18/24	12.16	5.56	6.60
MW-208	10/10/24	12.16	5.91	6.25
MW-208	11/14/24	12.16	4.11	8.05
MW-208	12/16/24	12.16	3.57	8.59
MW-208	01/16/25	12.16	4.50	7.66
MW-208	02/20/25	12.16	4.99	7.17
MW-208	03/24/25	12.16	4.50	7.66
MW-208	04/22/25	12.16	4.93	7.23
MW-208	05/21/25	12.16	5.25	6.91
MW-208	06/24/25	12.16	5.33	6.83

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-209	09/11/13	--	6.61	--
MW-209	10/30/13	--	5.65	--
MW-209	01/16/14	--	5.56	--
MW-209	02/27/14	--	6.04	--
MW-209	03/25/14	--	5.90	--
MW-209	04/22/14	--	5.89	--
MW-209	06/10/14	--	8.31	--
MW-209	07/24/14	--	6.91	--
MW-209	08/28/14	--	6.79	--
MW-209	09/23/14	--	5.73	--
MW-209	10/22/14	--	4.91	--
MW-209	11/05/14	--	6.60	--
MW-209	12/18/14	12.10	5.27	6.83
MW-209	01/27/15	12.10	4.88	7.22
MW-209	02/26/15	12.10	5.54	6.56
MW-209	03/11/15	12.10	5.55	6.55
MW-209	05/19/15	12.10	8.60	3.50
MW-210	03/29/13	--	6.53	--
MW-210	06/28/13	--	6.35	--
MW-210	09/11/13	--	6.63	--
MW-210	10/30/13	--	7.08	--
MW-210	11/05/13	--	6.41	--
MW-210	01/16/14	--	6.48	--
MW-210	02/27/14	--	6.79	--
MW-210	03/25/14	--	6.96	--
MW-210	04/22/14	--	6.32	--
MW-210	06/10/14	--	7.08	--
MW-210	07/24/14	--	6.64	--
MW-210	08/28/14	--	6.72	--
MW-210	09/23/14	--	6.56	--
MW-210	10/22/14	--	5.87	--
MW-210	11/05/14	--	6.45	--
MW-210	12/18/14	12.85	5.49	7.36
MW-210	01/27/15	12.85	6.15	6.70
MW-210	02/26/15	12.85	6.69	6.16
MW-210	03/11/15	12.85	6.56	6.29
MW-210	04/21/15	12.85	6.44	6.41
MW-210	05/19/15	12.85	6.50	6.35
MW-210	06/11/15	12.85	6.48	6.37
MW-210	07/29/15	12.85	6.73	6.12
MW-210	08/25/15	12.85	6.23	6.62

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-210	09/24/15	12.85	6.60	6.25
MW-210	10/15/15	12.85	6.30	6.55
MW-210	11/20/15	12.85	6.47	6.38
MW-210	12/09/15	12.85	4.45	8.40
MW-210	02/23/16	12.85	5.82	7.03
MW-210	04/22/16	12.85	5.96	6.89
MW-210	05/03/16	12.85	6.42	6.43
MW-210	06/02/16	12.85	6.44	6.41
MW-210	07/14/16	12.85	6.67	6.18
MW-210	08/18/16	12.85	6.78	6.07
MW-210	09/08/16	12.85	6.78	6.07
MW-210	10/21/16	12.85	6.32	6.53
MW-210	11/17/16	12.85	5.43	7.42
MW-210	12/01/16	12.85	6.00	6.85
MW-210	01/11/17	12.85	5.38	7.47
MW-210	02/14/17	12.85	5.69	7.16
MW-210	03/13/17	12.85	5.98	6.87
MW-210	04/13/17	12.85	6.42	6.43
MW-210	05/08/17	12.85	6.74	6.11
MW-210	06/13/17	12.85	6.18	6.67
MW-210	07/18/17	12.85	6.47	6.38
MW-210	08/22/17	12.85	6.42	6.43
MW-210	09/13/17	12.85	6.60	6.25
MW-210	10/31/17	12.85	6.64	6.21
MW-210	11/13/17	12.85	6.08	6.77
MW-210	12/04/17	12.85	6.05	6.80
MW-210	03/06/18	12.85	6.19	6.66
MW-210	06/12/18	12.85	6.50	6.35
MW-210	09/05/18	12.85	6.74	6.11
MW-210	12/17/18	12.85	5.31	7.54
MW-210	01/16/19	12.85	6.07	6.78
MW-210	02/20/19	12.85	6.45	6.40
MW-210	03/18/19	12.85	6.67	6.18
MW-210	04/10/19	12.85	5.24	7.61
MW-210	05/15/19	12.85	7.05	5.80
MW-210	06/26/19	12.85	6.58	6.27
MW-210	07/24/19	12.85	5.59	7.26
MW-210	08/13/19	12.85	6.58	6.27
MW-210	09/17/19	12.85	6.18	6.67
MW-210	10/16/19	12.85	6.47	6.38
MW-210	11/05/19	12.85	6.78	6.07
MW-210	12/09/19	12.85	6.27	6.58

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-210	01/28/20	12.85	4.06	8.79
MW-210	02/26/20	12.85	5.78	7.07
MW-210	04/27/20	12.85	6.43	6.42
MW-210	06/16/20	12.85	5.56	7.29
MW-210	06/29/20	12.85	6.58	6.27
MW-210	07/29/20	12.85	6.43	6.42
MW-210	08/27/20	12.85	6.71	6.14
MW-210	09/21/20	12.85	6.35	6.50
MW-210	10/29/20	12.85	6.87	5.98
MW-210	11/30/20	12.85	6.23	6.62
MW-210	12/14/20	12.85	6.05	6.80
MW-210	01/21/21	12.85	6.96	5.89
MW-210	02/16/21	12.85	5.83	7.02
MW-210	03/23/21	12.85	6.57	6.28
MW-210	04/12/21	12.85	6.42	6.43
MW-210	05/12/21	12.85	6.61	6.24
MW-210	06/14/21	12.85	6.15	6.70
MW-210	07/15/21	12.85	6.36	6.49
MW-210	08/18/21	12.85	6.60	6.25
MW-210	09/22/21	12.85	6.50	6.35
MW-210	10/21/21	12.85	6.36	6.49
MW-210	11/23/21	12.85	6.20	6.65
MW-210	12/14/21	12.85	5.12	7.73
MW-210	01/25/22	12.85	6.34	6.51
MW-210	02/28/22	12.85	6.31	6.54
MW-210	03/28/22	12.85	5.92	6.93
MW-210	04/18/22	12.85	6.18	6.69
MW-210	05/23/22	12.85	6.50	6.35
MW-210	06/27/22	12.85	6.21	6.64
MW-210	07/20/22	12.85	6.24	6.61
MW-210	08/23/22	12.85	6.62	6.23
MW-210	09/19/22	12.85	6.99	5.86
MW-210	12/12/22	12.85	5.15	7.70
MW-210	01/26/23	12.85	6.12	7.11
MW-210	02/23/23	12.85	5.79	7.06
MW-210	03/27/23	12.85	6.53	6.18
MW-210	04/13/23	12.85	5.68	7.17
MW-210	05/16/23	12.85	6.27	6.58
MW-210	06/12/23	12.85	6.90	5.95
MW-210	07/20/23	12.85	6.32	6.53
MW-210	08/17/23	12.85	6.42	6.43
MW-210	09/11/23	12.85	6.81	6.04

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-210	11/16/23	12.85	5.66	7.19
MW-210	12/18/23	12.85	5.11	7.74
MW-210	01/16/24	12.85	5.88	6.97
MW-210	02/22/24	12.85	5.52	7.33
MW-210	03/11/24	12.85	5.28	7.57
MW-210	04/11/24	12.85	5.97	6.88
MW-210	05/23/24	12.85	6.41	6.44
MW-210	06/17/24	12.85	6.05	6.80
MW-210	07/11/24	12.85	6.67	6.18
MW-210	08/15/24	12.85	6.72	6.13
MW-210	09/18/24	12.85	6.76	6.09
MW-210	10/10/24	12.85	6.83	6.02
MW-210	11/14/24	12.85	5.97	6.88
MW-210	12/16/24	12.85	5.98	6.87
MW-210	01/16/25	12.85	5.98	6.87
MW-210	02/20/25	12.85	6.29	6.56
MW-210	03/24/25	12.85	6.44	6.73
MW-210	04/22/25	12.85	6.58	6.27
MW-210	05/21/25	12.85	6.39	6.46
MW-210	06/24/25	12.85	6.59	6.26
MW-211	03/29/13	--	5.97	--
MW-211	06/28/13	--	5.68	--
MW-211	10/30/13	--	6.43	--
MW-211	11/05/13	--	5.68	--
MW-211	01/16/14	--	5.51	--
MW-211	02/27/14	--	5.01	--
MW-211	03/25/14	--	5.38	--
MW-211	04/22/14	--	5.33	--
MW-211	06/10/14	--	6.02	--
MW-211	07/24/14	--	6.85	--
MW-211	08/28/14	--	6.06	--
MW-211	09/23/14	--	5.96	--
MW-211	10/22/14	--	4.96	--
MW-211	11/05/14	--	4.70	--
MW-211	12/18/14	12.21	4.50	7.71
MW-211	01/27/15	12.21	4.82	7.39
MW-211	02/26/15	12.21	5.38	6.83
MW-211	03/11/15	12.21	5.52	6.69
MW-211	04/21/15	12.21	5.50	6.71
MW-211	05/19/15	12.21	5.71	6.50
MW-211	06/11/15	12.21	5.70	6.51

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-211	07/29/15	12.21	6.10	6.11
MW-211	08/25/15	12.21	6.17	6.04
MW-211	09/24/15	12.21	5.72	6.49
MW-211	10/15/15	12.21	5.30	6.91
MW-211	11/20/15	12.21	4.78	7.43
MW-211	12/09/15	12.21	2.80	9.41
MW-211	02/23/16	12.21	4.45	7.76
MW-211	04/22/16	12.21	4.67	7.54
MW-211	05/03/16	12.21	5.63	6.58
MW-211	06/02/16	12.21	5.77	6.44
MW-211	07/14/16	12.21	6.02	6.19
MW-211	08/18/16	12.21	6.16	6.05
MW-211	09/08/16	12.21	6.22	5.99
MW-211	10/21/16	12.21	6.01	6.20
MW-211	11/17/16	12.21	3.86	8.35
MW-211	12/01/16	12.21	4.14	8.07
MW-211	01/11/17	12.21	3.18	9.03
MW-211	02/14/17	12.21	4.02	8.19
MW-211	03/13/17	12.21	4.27	7.94
MW-211	04/13/17	12.21	4.02	8.19
MW-211	05/08/17	12.21	5.32	6.89
MW-211	06/13/17	12.21	5.36	6.85
MW-211	07/18/17	12.21	5.78	6.43
MW-211	08/22/17	12.21	5.76	6.45
MW-211	09/13/17	12.21	Not Measured	Not Measured
MW-211	10/31/17	12.21	Not Measured	Not Measured
MW-211	11/13/17	12.21	Not Measured	Not Measured
MW-211	12/04/17	12.21	Not Measured	Not Measured
MW-211	03/06/18	12.21	5.03	7.18
MW-211	06/12/18	12.21	5.73	6.48
MW-211	09/05/18	12.21	6.16	6.05
MW-211	12/17/18	12.21	4.14	8.07
MW-211	01/16/19	12.21	4.30	7.91
MW-211	02/20/19	12.21	4.22	7.99
MW-211	03/18/19	12.21	5.34	6.87
MW-211	04/10/19	12.21	4.66	7.55
MW-211	05/15/19	12.21	5.38	6.83
MW-211	06/26/19	12.21	6.88	5.33
MW-211	07/24/19	12.21	5.88	6.33
MW-211	08/13/19	12.21	5.72	6.49
MW-211	09/17/19	12.21	5.54	6.67
MW-211	10/16/19	12.21	5.77	6.44

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-211	11/05/19	12.21	6.01	6.20
MW-211	12/09/19	12.21	5.54	6.67
MW-211	01/28/20	12.21	3.12	9.09
MW-211	02/26/20	12.21	5.19	7.02
MW-211	04/27/20	12.21	5.47	6.74
MW-211	06/16/20	12.21	5.72	6.49
MW-211	06/29/20	12.21	5.78	6.43
MW-211	07/29/20	12.21	5.67	6.54
MW-211	08/27/20	12.21	5.85	6.36
MW-211	09/21/20	12.21	5.45	6.76
MW-211	10/29/20	12.21	5.99	6.22
MW-211	11/30/20	12.21	5.11	7.10
MW-211	12/14/20	12.21	5.28	6.93
MW-211	01/21/21	12.21	4.82	7.39
MW-211	02/16/21	12.21	4.18	8.03
MW-211	03/23/21	12.21	5.37	6.84
MW-211	04/12/21	12.21	5.65	6.56
MW-211	05/12/21	12.21	5.86	6.35
MW-211	06/14/21	12.21	5.24	6.97
MW-211	07/15/21	12.21	5.60	6.61
MW-211	08/18/21	12.21	5.90	6.31
MW-211	09/22/21	12.21	5.70	6.51
MW-211	10/21/21	12.21	5.50	6.71
MW-211	11/23/21	12.21	4.42	7.79
MW-211	12/14/21	12.21	4.39	7.82
MW-211	01/25/22	12.21	4.85	7.36
MW-211	02/28/22	12.21	4.51	7.70
MW-211	03/28/22	12.21	5.00	7.21
MW-211	04/18/22	12.21	5.28	6.93
MW-211	05/23/22	12.21	5.28	6.93
MW-211	06/27/22	12.21	5.28	6.93
MW-211	07/20/22	12.21	5.42	6.79
MW-211	08/23/22	12.21	5.94	6.27
MW-211	09/19/22	12.21	5.93	6.28
MW-211	12/12/22	12.21	4.39	7.82
MW-211	01/26/23	12.21	4.58	7.63
MW-211	02/23/23	12.21	4.45	7.76
MW-211	03/27/23	12.21	5.35	6.86
MW-211	04/13/23	12.21	4.66	7.55
MW-211	05/16/23	12.21	5.21	7.00
MW-211	06/12/23	12.21	5.35	6.86
MW-211	07/20/23	12.21	5.60	6.61

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-211	08/17/23	12.21	5.50	6.71
MW-211	09/11/23	12.21	5.94	6.27
MW-211	11/16/23	12.21	4.68	7.53
MW-211	12/18/23	12.21	4.82	7.39
MW-211	01/16/24	12.21	4.61	7.60
MW-211	02/22/24	12.21	4.36	7.85
MW-211	03/11/24	12.21	3.70	8.51
MW-211	04/11/24	12.21	4.92	7.29
MW-211	05/23/24	12.21	5.80	6.41
MW-211	06/17/24	12.21	6.00	6.21
MW-211	07/11/24	12.21	5.75	6.46
MW-211	08/15/24	12.21	6.17	6.04
MW-211	09/18/24	12.21	5.75	6.46
MW-211	10/10/24	12.21	6.24	5.97
MW-211	11/14/24	12.21	4.45	7.76
MW-211	12/16/24	12.21	3.74	8.47
MW-211	01/16/25	12.21	4.86	7.35
MW-211	02/20/25	12.21	5.43	6.78
MW-211	03/24/25	12.21	4.83	7.38
MW-211	04/22/25	12.21	5.42	6.79
MW-211	05/21/25	12.21	5.67	6.54
MW-211	06/24/25	12.21	5.76	6.45
MW-212	03/29/13	--	4.90	--
MW-212	06/28/13	--	4.42	--
MW-212	09/11/13	--	5.32	--
MW-212	09/12/13	--	5.52	--
MW-212	10/30/13	--	5.28	--
MW-212	11/05/13	--	5.51	--
MW-212	01/16/14	--	5.47	--
MW-212	02/27/14	--	6.12	--
MW-212	03/25/14	--	6.30	--
MW-212	04/22/14	--	5.85	--
MW-212	06/10/14	--	Not Measured	Not Measured
MW-212	07/24/14	--	6.06	--
MW-212	08/28/14	--	6.23	--
MW-212	09/23/14	--	6.08	--
MW-212	10/22/14	--	4.13	--
MW-212	11/05/14	--	5.12	--
MW-212	12/18/14	11.95	4.89	7.06
MW-212	01/27/15	11.95	5.38	6.57
MW-212	02/26/15	11.95	5.59	6.36

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-212	03/11/15	11.95	5.45	6.50
MW-212	04/21/15	11.95	5.85	6.10
MW-212	05/19/15	11.95	5.67	6.28
MW-212	06/11/15	11.95	5.46	6.49
MW-212	07/29/15	11.95	5.85	6.10
MW-212	08/25/15	11.95	6.82	5.13
MW-212	09/24/15	11.95	6.33	5.62
MW-212	10/15/15	11.95	5.82	6.13
MW-212	11/20/15	11.95	5.51	6.44
MW-212	12/09/15	11.95	3.61	8.34
MW-212	02/23/16	11.95	4.38	7.57
MW-212	04/22/16	11.95	5.37	6.58
MW-212	05/03/16	11.95	6.00	5.95
MW-212	06/02/16	11.95	6.18	5.77
MW-212	07/14/16	11.95	6.27	5.68
MW-212	08/18/16	11.95	6.44	5.51
MW-212	09/08/16	11.95	6.55	5.40
MW-212	10/21/16	11.95	6.10	5.85
MW-212	11/17/16	11.95	4.68	7.27
MW-212	12/01/16	11.95	4.88	7.07
MW-212	01/11/17	11.95	3.88	8.07
MW-212	02/14/17	11.95	4.79	7.16
MW-212	03/13/17	11.95	4.98	6.97
MW-212	04/13/17	11.95	5.02	6.93
MW-212	05/08/17	11.95	5.31	6.64
MW-212	06/13/17	11.95	5.60	6.35
MW-212	07/18/17	11.95	5.83	6.12
MW-212	08/22/17	11.95	5.92	6.03
MW-212	09/13/17	11.95	6.21	5.74
MW-212	10/31/17	11.95	6.17	5.78
MW-212	11/13/17	11.95	4.98	6.97
MW-212	12/04/17	11.95	5.38	6.57
MW-212	03/06/18	11.95	5.46	6.49
MW-212	06/12/18	11.95	6.06	5.89
MW-212	09/05/18	11.95	6.35	5.60
MW-212	12/17/18	11.95	4.43	7.52
MW-212	01/16/19	11.95	5.56	6.39
MW-212	02/20/19	11.95	4.32	7.63
MW-212	03/18/19	11.95	6.12	5.83
MW-212	04/10/19	11.95	5.78	6.17
MW-212	05/15/19	11.95	6.13	5.82
MW-212	06/26/19	11.95	6.11	5.84

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-212	07/24/19	11.95	5.96	5.99
MW-212	08/13/19	11.95	6.02	5.93
MW-212	09/17/19	11.95	6.28	5.67
MW-212	10/16/19	11.95	6.36	5.59
MW-212	11/05/19	11.95	6.51	5.44
MW-212	12/09/19	11.95	6.14	5.81
MW-212	01/28/20	11.95	2.03	9.92
MW-212	02/26/20	11.95	4.97	6.98
MW-212	04/27/20	11.95	5.29	6.66
MW-212	06/16/20	11.95	6.25	5.70
MW-212	06/29/20	11.95	5.85	6.10
MW-212	07/29/20	11.95	6.31	5.64
MW-212	08/27/20	11.95	6.15	5.80
MW-212	09/21/20	11.95	6.23	5.72
MW-212	10/29/20	11.95	6.23	5.72
MW-212	11/30/20	11.95	5.10	6.85
MW-212	12/14/20	11.95	5.83	6.12
MW-212	01/21/21	11.95	5.63	6.32
MW-212	02/16/21	11.95	4.25	7.70
MW-212	03/23/21	11.95	5.74	6.21
MW-212	04/12/21	11.95	6.31	5.64
MW-212	05/12/21	11.95	6.21	5.74
MW-212	06/14/21	11.95	5.62	6.33
MW-212	07/15/21	11.95	6.01	5.94
MW-212	08/18/21	11.95	6.16	5.79
MW-212	09/22/21	11.95	6.10	5.85
MW-212	10/21/21	11.95	6.05	5.90
MW-212	11/23/21	11.95	5.19	6.76
MW-212	12/14/21	11.95	4.79	7.16
MW-212	01/25/22	11.95	5.67	6.28
MW-212	02/28/22	11.95	2.86	9.09
MW-212	03/28/22	11.95	5.98	5.97
MW-212	04/18/22	11.95	5.98	5.97
MW-212	05/23/22	11.95	5.70	6.25
MW-212	06/27/22	11.95	5.90	6.05
MW-212	07/20/22	11.95	5.85	6.10
MW-212	08/23/22	11.95	6.19	5.76
MW-212	09/19/22	11.95	6.19	5.76
MW-212	12/12/22	11.95	4.70	7.25
MW-212	01/26/23	11.95	4.59	7.36
MW-212	02/23/23	11.95	5.07	6.88
MW-212	03/27/23	11.95	5.61	6.34

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-212	04/13/23	11.95	5.17	6.78
MW-212	05/16/23	11.95	5.70	6.25
MW-212	06/12/23	11.95	5.65	6.30
MW-212	07/20/23	11.95	6.01	5.94
MW-212	08/17/23	11.95	5.99	5.96
MW-212	09/11/23	11.95	6.39	5.56
MW-212	11/16/23	11.95	5.43	6.52
MW-212	12/18/23	11.95	5.13	6.82
MW-212	01/16/24	11.95	5.15	6.80
MW-212	02/22/24	11.95	4.31	7.64
MW-212	03/11/24	11.95	4.18	7.77
MW-212	04/11/24	11.95	5.68	6.27
MW-212	05/23/24	11.95	5.65	6.30
MW-212	06/17/24	11.95	6.12	5.83
MW-212	07/11/24	11.95	6.17	5.78
MW-212	08/15/24	11.95	6.44	5.51
MW-212	09/18/24	11.95	6.43	5.52
MW-212	10/10/24	11.95	6.35	5.6
MW-212	11/14/24	11.95	3.29	8.66
MW-212	12/16/24	11.95	3.44	8.51
MW-212	01/16/25	11.95	5.54	6.41
MW-212	02/20/25	11.95	5.55	6.40
MW-212	03/24/25	11.95	5.16	6.79
MW-212	04/22/25	11.95	5.38	6.57
MW-212	05/21/25	11.95	5.87	6.08
MW-212	06/24/25	11.95	6.20	5.75
MW-213	07/23/01	8.57	10.17	-1.60
MW-213	10/16/01	8.57	5.81	2.76
MW-213	04/24/02	8.57	7.34	1.23
MW-213	07/18/02	8.57	7.39	1.18
MW-213	10/23/02	8.57	5.04	3.53
MW-213	01/28/03	8.57	4.60	3.97
MW-213	04/15/03	8.57	4.43	4.14
MW-213	07/17/03	8.57	10.24	-1.67
MW-213	10/15/03	8.57	5.85	2.72
MW-213	01/13/04	8.57	5.02	3.55
MW-213	04/19/04	8.57	7.91	0.66
MW-213	07/27/04	8.57	6.94	1.63
MW-213	10/18/04	8.57	5.70	2.87
MW-213	01/24/05	8.57	4.70	3.87
MW-213	04/18/05	8.57	7.43	1.14

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-213	07/12/05	8.57	8.72	-0.15
MW-213	10/18/05	8.57	7.24	1.33
MW-213	01/25/06	8.57	5.79	2.78
MW-213	04/25/06	8.57	7.82	0.75
MW-213	10/11/06	8.57	6.09	2.48
MW-213	11/19/08	8.57	5.98	2.59
MW-213	04/07/09	8.57	7.69	0.88
MW-213	11/16/09	8.57	4.97	3.60
MW-213	04/26/10	8.57	8.22	0.35
MW-213	10/28/10	8.57	5.33	3.24
MW-213	10/25/11	8.57	7.43	1.14
MW-213	06/12/12	8.57	7.84	0.73
MW-213	11/29/12	8.57	4.65	3.92
MW-213	05/15/13	8.57	8.86	-0.29
MW-213	10/30/13	8.57	5.45	3.12
MW-213	11/05/13	8.57	5.29	3.28
MW-213	04/22/14	8.57	6.39	2.18
MW-213	11/05/14	12.17	6.55	5.62
MW-213	05/19/15	12.17	7.85	4.32
MW-213	12/09/15	12.17	4.18	7.99
MW-213	12/14/16	12.17	5.22	6.95
MW-213	06/13/17	12.17	5.75	6.42
MW-213	12/04/17	12.17	6.33	5.84
MW-213	06/12/18	12.17	9.38	2.79
MW-213	12/17/18	12.17	3.87	8.30
MW-213	05/15/19	12.17	8.76	3.41
MW-213	12/09/19	12.17	6.26	5.91
MW-213	06/29/20	12.17	7.30	4.87
MW-213	12/14/20	12.17	5.21	6.96
MW-213	04/12/21	12.17	6.01	6.16
MW-213	06/14/21	12.17	5.45	6.72
MW-213	12/16/21	12.17	5.76	6.41
MW-213	06/27/22	12.17	6.88	5.29
MW-213	12/12/22	12.17	4.35	7.82
MW-213	06/12/23	12.17	5.97	6.20
MW-213	12/18/23	12.17	4.00	8.17
MW-213	06/17/24	12.17	8.60	3.57
MW-213	12/16/24	12.17	4.58	7.59
MW-213	06/24/25	12.17	9.86	2.31
MW-214	07/23/01	8.63	10.37	-1.74
MW-214	10/19/01	8.63	5.74	2.89

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-214	04/24/02	8.63	7.94	0.69
MW-214	07/18/02	8.63	7.25	1.38
MW-214	10/23/02	8.63	5.85	2.78
MW-214	01/28/03	8.63	4.25	4.38
MW-214	04/15/03	8.63	4.66	3.97
MW-214	07/17/03	8.63	10.40	-1.77
MW-214	10/15/03	8.63	4.89	3.74
MW-214	01/13/04	8.63	4.86	3.77
MW-214	04/19/04	8.63	7.92	0.71
MW-214	07/27/04	8.63	6.42	2.21
MW-214	10/18/04	8.63	5.37	3.26
MW-214	01/24/05	8.63	5.00	3.63
MW-214	04/18/05	8.63	7.65	0.98
MW-214	07/12/05	8.63	8.82	-0.19
MW-214	10/18/05	8.63	7.18	1.45
MW-214	01/25/06	8.63	5.96	2.67
MW-214	04/25/06	8.63	7.80	0.83
MW-214	10/11/06	8.63	5.95	2.68
MW-214	11/19/08	8.63	5.50	3.13
MW-214	04/07/09	12.92	7.05	5.87
MW-214	11/16/09	12.92	5.28	7.64
MW-214	04/26/10	12.92	7.80	5.12
MW-214	10/28/10	12.92	5.25	7.67
MW-214	10/25/11	12.92	7.78	5.14
MW-214	06/12/12	12.92	7.80	5.12
MW-214	11/29/12	12.92	5.00	7.92
MW-214	05/15/13	12.92	9.23	3.69
MW-214	10/30/13	12.92	7.88	5.04
MW-214	11/05/13	12.92	5.38	7.54
MW-214	02/27/14	12.92	6.08	6.84
MW-214	04/22/14	12.92	6.78	6.14
MW-214	11/05/14	12.39	6.80	5.59
MW-214	05/19/15	12.39	8.10	4.29
MW-214	12/09/15	12.39	4.74	7.65
MW-214	12/14/16	12.39	5.58	6.81
MW-214	06/13/17	12.39	6.04	6.35
MW-214	12/04/17	12.39	6.41	5.98
MW-214	06/12/18	12.39	9.70	2.69
MW-214	12/17/18	12.39	4.13	8.26
MW-214	05/15/19	12.39	7.81	4.58
MW-214	12/09/19	12.39	6.39	6.00
MW-214	06/29/20	12.39	7.59	4.80

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-214	12/14/20	12.39	5.32	7.07
MW-214	04/12/21	12.39	5.87	6.52
MW-214	06/14/21	12.39	5.63	6.76
MW-214	12/16/21	12.39	5.71	6.68
MW-214	06/27/22	12.39	7.74	4.65
MW-214	12/12/22	12.39	4.38	8.01
MW-214	06/12/23	12.39	6.70	5.69
MW-214	12/18/23	12.39	3.86	8.53
MW-214	06/17/24	12.39	8.81	3.58
MW-214	12/16/24	12.39	4.38	8.01
MW-214	06/24/25	12.39	10.32	2.07
MW-301	03/02/12	12.56	6.03	6.53
MW-301	05/30/12	12.56	6.03	6.53
MW-301	06/13/12	12.56	6.11	6.45
MW-301	09/26/12	12.56	6.82	5.74
MW-301	11/27/12	12.56	5.34	7.22
MW-301	02/21/13	12.56	5.66	6.90
MW-301	05/16/13	12.56	6.14	6.42
MW-301	09/06/13	12.56	6.71	5.85
MW-301	11/07/13	12.56	6.60	5.96
MW-301	04/22/14	12.56	5.56	7.00
MW-301	07/24/14	12.56	6.38	6.18
MW-301	09/23/14	12.56	6.71	5.85
MW-301	11/04/14	12.56	5.73	6.83
MW-301	03/10/15	12.56	5.64	6.92
MW-301	05/15/15	12.56	6.10	6.46
MW-301	07/29/15	12.56	6.63	5.93
MW-301	12/10/15	12.56	4.57	7.99
MW-301	02/23/16	12.56	4.50	8.06
MW-301	05/03/16	12.56	5.53	7.03
MW-301	08/30/16	12.56	6.68	5.88
MW-301	12/14/16	12.56	5.08	7.48
MW-301	03/13/17	12.56	7.60	4.96
MW-301	05/16/17	12.56	5.21	7.35
MW-301	06/13/17	12.56	5.70	6.86
MW-301	08/22/17	12.56	6.43	6.13
MW-301	12/04/17	12.56	5.40	7.16
MW-301	03/06/18	12.56	5.37	7.19
MW-301	06/12/18	12.56	5.90	6.66
MW-301	09/05/18	12.56	6.58	5.98
MW-301	12/17/18	12.56	5.75	6.81

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-301	03/18/19	12.56	5.23	7.33
MW-301	05/16/19	12.56	5.74	6.82
MW-301	09/17/19	12.56	6.49	6.07
MW-301	12/09/19	12.56	6.41	6.15
MW-301	04/27/20	12.56	5.50	7.06
MW-301	06/29/20	12.56	5.85	6.71
MW-301	09/21/20	12.56	6.57	5.99
MW-301	12/14/20	12.56	5.90	6.66
MW-301	04/12/21	12.56	5.26	7.30
MW-301	06/14/21	12.56	5.95	6.61
MW-301	09/22/21	12.56	6.57	5.99
MW-301	12/16/21	12.56	4.67	7.89
MW-301	03/28/22	12.56	4.91	7.65
MW-301	06/27/22	12.56	5.34	7.22
MW-301	09/21/22	12.56	6.95	5.61
MW-301	12/12/22	12.56	5.22	7.34
MW-301	03/27/23	12.56	5.56	7.00
MW-301	06/12/23	12.56	5.90	6.66
MW-301	09/11/23	12.56	6.17	6.39
MW-301	12/18/23	12.56	4.49	8.07
MW-301	03/11/24	12.56	4.39	8.17
MW-301	06/17/24	12.56	5.78	6.78
MW-301	09/18/24	12.56	6.32	6.24
MW-301	12/16/24	12.56	5.41	7.15
MW-301	03/24/25	12.56	4.77	7.79
MW-301	06/23/25	12.56	5.82	6.74
MW-302	03/01/12	12.85	6.47	6.38
MW-302	05/30/12	12.85	Not Measured	Not Measured
MW-302	06/13/12	12.85	Not Measured	Not Measured
MW-302	09/26/12	12.85	7.23	5.62
MW-302	11/27/12	12.85	5.83	7.02
MW-302	02/22/13	12.85	6.10	6.75
MW-302	05/16/13	12.85	6.61	6.24
MW-302	09/06/13	12.85	7.11	5.74
MW-302	11/07/13	12.85	6.99	5.86
MW-302	01/16/14	12.85	6.80	6.05
MW-302	04/22/14	12.85	6.09	6.76
MW-302	06/10/14	12.85	6.40	6.45
MW-302	07/24/14	12.85	6.85	6.00
MW-302	09/23/14	12.85	7.13	5.72
MW-302	11/04/14	12.85	6.28	6.57

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-302	03/10/15	12.85	6.22	6.63
MW-302	05/15/15	12.85	6.60	6.25
MW-302	07/29/15	12.85	7.07	5.78
MW-302	12/10/15	12.85	5.12	7.73
MW-302	02/23/16	12.85	5.23	7.62
MW-302	05/03/16	12.85	6.15	6.70
MW-302	08/30/16	12.85	7.26	5.59
MW-302	12/14/16	12.85	5.74	7.11
MW-302	03/13/17	12.85	5.33	7.52
MW-302	05/16/17	12.85	5.79	7.06
MW-302	06/13/17	12.85	6.30	6.55
MW-302	08/22/17	12.85	6.92	5.93
MW-302	12/04/17	12.85	5.80	7.05
MW-302	03/06/18	12.85	5.91	6.94
MW-302	06/12/18	12.85	6.48	6.37
MW-302	09/05/18	12.85	6.96	5.89
MW-302	12/17/18	12.85	6.10	6.75
MW-302	03/18/19	12.85	5.65	7.20
MW-302	05/16/19	12.85	6.20	6.65
MW-302	09/17/19	12.85	7.33	5.52
MW-302	12/09/19	12.85	6.75	6.10
MW-302	04/27/20	12.85	5.95	6.90
MW-302	06/29/20	12.85	6.22	6.63
MW-302	09/21/20	12.85	6.92	5.93
MW-302	12/15/20	12.85	6.15	6.70
MW-302	04/13/21	12.85	5.67	7.18
MW-302	06/15/21	12.85	6.28	6.57
MW-302	09/23/21	12.85	6.84	6.01
MW-302	12/16/21	12.85	4.98	7.87
MW-302	03/28/22	12.85	5.25	7.60
MW-302	06/27/22	12.85	5.68	7.17
MW-302	09/21/22	12.85	7.38	5.47
MW-302	12/12/22	12.85	5.88	6.97
MW-302	03/27/23	12.85	5.44	7.41
MW-302	06/13/23	12.85	6.32	6.53
MW-302	09/12/23	12.85	6.80	6.05
MW-302	12/20/23	12.85	4.38	8.47
MW-302	03/11/24	12.85	4.75	8.10
MW-302	06/17/24	12.85	6.01	6.84
MW-302	09/18/24	12.85	6.67	6.18
MW-302	12/16/24	12.85	5.73	7.12
MW-302	03/24/25	12.85	5.12	7.73

Table 3

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-302	06/23/25	12.85	6.34	6.51
MW-303	03/02/12	12.64	5.96	6.68
MW-303	05/30/12	12.64	5.97	6.67
MW-303	06/13/12	12.64	6.06	6.58
MW-303	09/26/12	12.64	6.86	5.78
MW-303	11/27/12	12.64	5.22	7.42
MW-303	02/21/13	12.64	5.58	7.06
MW-303	05/16/13	12.64	6.10	6.54
MW-303	09/06/13	12.64	6.80	5.84
MW-303	11/07/13	12.64	6.61	6.03
MW-303	04/22/14	12.64	5.49	7.15
MW-303	07/24/14	12.64	6.44	6.20
MW-303	09/23/14	12.64	6.80	5.84
MW-303	11/04/14	12.64	5.73	6.91
MW-303	03/10/15	12.64	5.62	7.02
MW-303	05/15/15	12.64	6.11	6.53
MW-303	07/29/15	12.64	6.71	5.93
MW-303	12/10/15	12.64	4.38	8.26
MW-303	02/23/16	12.64	4.44	8.20
MW-303	05/03/16	12.64	5.56	7.08
MW-303	08/30/16	12.64	6.82	5.82
MW-303	12/14/16	12.64	5.06	7.58
MW-303	03/13/17	12.64	4.51	8.13
MW-303	05/16/17	12.64	5.18	7.46
MW-303	06/13/17	12.64	5.75	6.89
MW-303	08/22/17	12.64	6.55	6.09
MW-303	12/04/17	12.64	5.35	7.29
MW-303	03/06/18	12.64	5.35	7.29
MW-303	06/12/18	12.64	6.07	6.57
MW-303	09/05/18	12.64	6.73	5.91
MW-303	12/17/18	12.64	5.83	6.81
MW-303	03/18/19	12.64	5.33	7.31
MW-303	05/16/19	12.64	5.89	6.75
MW-303	09/17/19	12.64	6.68	5.96
MW-303	12/09/19	12.64	6.54	6.10
MW-303	04/27/20	12.64	5.63	7.01
MW-303	06/29/20	12.64	6.10	6.54
MW-303	09/21/20	12.64	6.72	5.92
MW-303	12/14/20	12.64	5.95	6.69
MW-303	04/12/21	12.64	5.33	7.31
MW-303	06/14/21	12.64	6.00	6.64

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-303	09/22/21	12.64	6.69	5.95
MW-303	12/15/21	12.64	4.61	8.03
MW-303	03/28/22	12.64	4.84	7.80
MW-303	06/27/22	12.64	5.38	7.26
MW-303	09/21/22	12.64	7.02	5.62
MW-303	12/12/22	12.64	5.24	7.40
MW-303	03/27/23	12.64	5.33	7.31
MW-303	06/12/23	12.64	6.02	6.62
MW-303	09/11/23	12.64	6.36	6.28
MW-303	12/18/23	12.64	4.58	8.06
MW-303	03/11/24	12.64	4.44	8.20
MW-303	06/17/24	12.64	5.78	6.86
MW-303	09/18/24	12.64	6.48	6.16
MW-303	12/16/24	12.64	5.53	7.11
MW-303	03/24/25	12.64	4.78	7.86
MW-303	06/23/25	12.64	5.92	6.72
MW-304	03/01/12	12.70	6.07	6.63
MW-304	05/30/12	12.70	6.12	6.58
MW-304	06/13/12	12.70	6.22	6.48
MW-304	09/26/12	12.70	6.98	5.72
MW-304	11/27/12	12.70	5.43	7.27
MW-304	02/22/13	12.70	5.78	6.92
MW-304	05/16/13	12.70	Not Measured	Not Measured
MW-304	09/06/13	12.70	6.89	5.81
MW-304	11/07/13	12.70	6.75	5.95
MW-304	01/16/14	12.70	6.50	6.20
MW-304	04/22/14	12.70	5.67	7.03
MW-304	07/24/14	12.70	6.57	6.13
MW-304	09/23/14	12.70	6.89	5.81
MW-304	11/04/14	12.70	5.91	6.79
MW-304	03/10/15	12.70	5.80	6.90
MW-304	05/15/15	12.70	6.28	6.42
MW-304	07/29/15	12.70	6.84	5.86
MW-304	12/10/15	12.70	4.80	7.90
MW-304	02/23/16	12.70	Not Measured	Not Measured
MW-304	05/03/16	12.70	5.79	6.91
MW-304	08/30/16	12.70	Not Measured	Not Measured
MW-304	12/14/16	12.70	5.27	7.43
MW-304	03/13/17	12.70	4.82	7.88
MW-304	06/13/17	12.70	5.95	6.75
MW-304	08/22/17	12.70	6.67	6.03

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-304	12/04/17	12.70	5.53	7.17
MW-304	03/06/18	12.70	5.46	7.24
MW-304	06/12/18	12.70	6.18	6.52
MW-304	09/05/18	12.70	6.78	5.92
MW-304	12/17/18	12.70	5.90	6.80
MW-304	03/18/19	12.70	5.39	7.31
MW-304	05/16/19	12.70	5.98	6.72
MW-304	09/17/19	12.70	6.67	6.03
MW-304	12/09/19	12.70	6.58	6.12
MW-304	04/27/20	12.70	5.71	6.99
MW-304	06/29/20	12.70	6.10	6.60
MW-304	09/21/20	12.70	6.78	5.92
MW-304	12/14/20	12.70	6.00	6.70
MW-304	04/12/21	12.70	5.42	7.28
MW-304	06/14/21	12.70	6.05	6.65
MW-304	09/22/21	12.70	6.72	5.98
MW-304	12/16/21	12.70	4.69	8.01
MW-304	03/28/22	12.70	5.08	7.62
MW-304	06/27/22	12.70	5.45	7.25
MW-304	09/20/22	12.70	7.03	5.67
MW-304	12/12/22	12.70	5.28	7.42
MW-304	03/27/23	12.70	5.71	6.99
MW-304	06/12/23	12.70	6.05	6.65
MW-304	09/11/23	12.70	6.39	6.31
MW-304	12/18/23	12.70	4.57	8.13
MW-304	03/11/24	12.70	4.59	8.11
MW-304	06/17/24	12.70	5.81	6.89
MW-304	09/18/24	12.70	6.53	6.17
MW-304	12/16/24	12.70	5.44	7.26
MW-304	03/24/25	12.70	4.84	7.86
MW-304	06/23/25	12.70	5.96	6.74
MW-305	03/01/12	13.48	6.47	7.01
MW-305	05/30/12	13.48	6.43	7.05
MW-305	06/11/12	13.48	6.43	7.05
MW-305	09/26/12	13.48	7.22	6.26
MW-305	11/28/12	13.48	5.86	7.62
MW-305	05/16/13	13.48	6.01	7.47
MW-305	11/07/13	13.48	6.40	7.08
MW-305	04/22/14	13.48	5.92	7.56
MW-305	11/06/14	13.48	6.22	7.26
MW-305	05/21/15	13.48	6.32	7.16

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation ft AMSL	Depth to Water ft below TOC	GW Elevation ft AMSL
MW-306	03/01/12	13.36	6.24	7.12
MW-306	05/30/12	13.36	6.14	7.22
MW-306	06/11/12	13.36	6.12	7.24
MW-306	09/26/12	13.36	6.99	6.37
MW-306	11/28/12	13.36	5.64	7.72
MW-306	05/16/13	13.36	5.57	7.79
MW-306	11/07/13	13.36	6.04	7.32
MW-306	04/22/14	13.36	5.63	7.73
MW-306	05/21/15	13.36	5.99	7.37
MW-306	12/10/15	13.36	4.80	8.56
MW-307	11/27/12	15.62	7.94	7.68
MW-307	02/22/13	15.62	8.42	7.20
MW-307	05/16/13	15.62	8.91	6.71
MW-307	09/06/13	15.62	9.67	5.95
MW-307	11/07/13	15.62	9.49	6.13
MW-307	04/22/14	15.62	8.52	7.10
MW-307	03/10/15	15.62	8.42	7.20
MW-307	05/15/15	15.62	8.92	6.70
MW-307	07/29/15	15.62	9.58	6.04
MW-307	12/10/15	15.62	7.33	8.29
MW-307	02/23/16	15.62	7.24	8.38
MW-307	05/03/16	15.62	8.39	7.23
MW-307	08/30/16	15.62	9.51	6.11
MW-307	12/14/16	15.62	7.84	7.78
MW-307	03/13/17	15.62	7.32	8.30
MW-307	05/16/17	15.62	8.02	7.60
MW-307	06/13/17	15.62	8.51	7.11
MW-307	08/22/17	15.62	9.42	6.20
MW-307	09/25/17	15.62	9.76	5.86
MW-307	12/04/17	15.62	8.18	7.44
MW-307	03/06/18	15.62	8.16	7.46
MW-307	06/12/18	15.62	8.70	6.92
MW-307	09/05/18	15.62	9.61	6.01
MW-307	12/17/18	15.62	8.62	7.00
MW-307	03/18/19	15.62	8.07	7.55
MW-307	05/15/19	15.62	8.69	6.93
MW-307	09/17/19	15.62	9.52	6.10
MW-307	12/09/19	15.62	9.39	6.23
MW-307	04/27/20	15.62	8.42	7.20
MW-307	06/29/20	15.62	8.83	6.79

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-307	09/21/20	15.62	9.57	6.05
MW-307	12/14/20	15.62	8.72	6.90
MW-307	04/12/21	15.62	8.10	7.52
MW-307	06/14/21	15.62	8.80	6.82
MW-307	09/22/21	15.62	9.54	6.08
MW-307	12/14/21	15.62	7.32	8.30
MW-307	03/28/22	15.62	7.73	7.89
MW-307	06/27/22	15.62	8.61	7.01
MW-307	09/20/22	15.62	9.17	6.45
MW-307	12/12/22	15.62	7.98	7.64
MW-307	03/27/23	15.62	8.25	7.37
MW-307	06/12/23	15.62	8.46	7.16
MW-307	09/11/23	15.62	8.50	7.12
MW-307	12/18/23	15.62	7.23	8.39
MW-307	03/11/24	15.62	7.25	8.37
MW-307	06/17/24	15.62	8.40	7.22
MW-307	09/18/24	15.62	9.35	6.27
MW-307	12/16/24	15.62	8.26	7.36
MW-307	03/24/25	15.62	7.44	8.18
MW-307	06/23/25	15.62	8.78	6.84
MW-308	11/27/12	15.59	7.90	7.69
MW-308	02/22/13	15.59	8.22	7.37
MW-308	05/16/13	15.59	8.80	6.79
MW-308	09/06/13	15.59	9.56	6.03
MW-308	11/07/13	15.59	9.45	6.14
MW-308	04/22/14	15.59	8.10	7.49
MW-308	11/04/14	15.59	8.40	7.19
MW-308	03/10/15	15.59	8.31	7.28
MW-308	05/15/15	15.59	9.01	6.58
MW-308	07/29/15	15.59	9.62	5.97
MW-308	12/10/15	15.59	6.15	9.44
MW-308	02/23/16	15.59	6.88	8.71
MW-308	05/03/16	15.59	8.20	7.39
MW-308	08/30/16	15.59	9.59	6.00
MW-308	12/14/16	15.59	7.56	8.03
MW-308	03/13/17	15.59	6.72	8.87
MW-308	05/16/17	15.59	7.69	7.90
MW-308	06/13/17	15.59	8.38	7.21
MW-308	08/22/17	15.59	9.29	6.30
MW-308	09/25/17	15.59	9.74	5.85
MW-308	12/04/17	15.59	7.90	7.69

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-308	03/06/18	15.59	7.98	7.61
MW-308	06/12/18	15.59	8.78	6.81
MW-308	09/05/18	15.59	9.55	6.04
MW-308	12/17/18	15.59	8.38	7.21
MW-308	03/18/19	15.59	8.02	7.57
MW-308	05/15/19	15.59	8.65	6.94
MW-308	09/17/19	15.59	9.49	6.10
MW-308	12/09/19	15.59	9.34	6.25
MW-308	04/27/20	15.59	8.32	7.27
MW-308	06/29/20	15.59	8.78	6.81
MW-308	09/21/20	15.59	9.53	6.06
MW-308	12/14/20	15.59	8.70	6.89
MW-308	04/12/21	15.59	8.00	7.59
MW-308	06/14/21	15.59	8.65	6.94
MW-308	09/22/21	15.59	9.50	6.09
MW-308	12/14/21	15.59	7.07	8.52
MW-308	03/28/22	15.59	7.43	8.16
MW-308	06/27/22	15.59	8.34	7.25
MW-308	09/20/22	15.59	8.85	6.74
MW-308	12/12/22	15.59	7.94	7.65
MW-308	03/27/23	15.59	8.18	7.41
MW-308	06/12/23	15.59	7.73	7.86
MW-308	09/11/23	15.59	8.22	7.37
MW-308	12/18/23	15.59	7.09	8.50
MW-308	03/11/24	15.59	6.98	8.61
MW-308	06/17/24	15.59	8.45	7.14
MW-308	09/18/24	15.59	9.29	6.30
MW-308	12/16/24	15.59	7.96	7.63
MW-308	03/24/25	15.59	7.02	8.57
MW-308	06/23/25	15.59	8.69	6.90
MW-309	11/27/12	12.67	5.41	7.26
MW-309	02/21/13	12.67	5.73	6.94
MW-309	05/16/13	12.67	6.21	6.46
MW-309	09/06/13	12.67	6.84	5.83
MW-309	11/07/13	12.67	6.76	5.91
MW-309	04/22/14	12.67	5.60	7.07
MW-309	07/24/14	12.67	6.47	6.20
MW-309	09/23/14	12.67	6.81	5.86
MW-309	11/04/14	12.67	5.81	6.86
MW-309	03/10/15	12.67	5.72	6.95
MW-309	05/15/15	12.67	6.18	6.49

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-309	07/29/15	12.67	6.74	5.93
MW-309	12/10/15	12.67	4.59	8.08
MW-309	02/23/16	12.67	4.70	7.97
MW-309	05/03/16	12.67	5.60	7.07
MW-309	08/30/16	12.67	6.75	5.92
MW-309	12/12/16	12.67	5.12	7.55
MW-309	03/13/17	12.67	4.62	8.05
MW-309	06/13/17	12.67	5.76	6.91
MW-309	08/22/17	12.67	6.56	6.11
MW-309	12/04/17	12.67	5.52	7.15
MW-309	03/06/18	12.67	5.40	7.27
MW-309	06/12/18	12.67	6.18	6.49
MW-309	09/05/18	12.67	6.72	5.95
MW-309	12/17/18	12.67	5.93	6.74
MW-309	03/18/19	12.67	5.41	7.26
MW-309	05/16/19	12.67	5.95	6.72
MW-309	09/17/19	12.67	6.74	5.93
MW-309	12/09/19	12.67	6.59	6.08
MW-309	04/27/20	12.67	5.74	6.93
MW-309	06/29/20	12.67	6.00	6.67
MW-309	09/21/20	12.67	6.75	5.92
MW-309	12/14/20	12.67	6.08	6.59
MW-309	04/12/21	12.67	5.42	7.25
MW-309	06/14/21	12.67	6.10	6.57
MW-309	09/22/21	12.67	6.72	5.95
MW-309	12/15/21	12.67	4.84	7.83
MW-309	03/28/22	12.67	5.03	7.64
MW-309	06/27/22	12.67	5.51	7.16
MW-309	09/19/22	12.67	7.20	5.47
MW-309	12/12/22	12.67	5.41	7.26
MW-309	03/27/23	12.67	5.62	7.05
MW-309	06/12/23	12.67	5.95	6.72
MW-309	09/11/23	12.67	6.86	5.81
MW-309	12/18/23	12.67	4.71	7.96
MW-309	03/11/24	12.67	4.67	8.00
MW-309	06/17/24	12.67	5.88	6.79
MW-309	09/18/24	12.67	6.50	6.17
MW-309	12/16/24	12.67	5.72	6.95
MW-309	03/24/25	12.67	4.96	7.71
MW-309	06/23/25	12.67	5.99	6.68

MW-310	11/27/12	13.51	6.42	7.09
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**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-310	02/21/13	13.51	6.78	6.73
MW-310	05/16/13	13.51	7.20	6.31
MW-310	09/06/13	13.51	7.72	5.79
MW-310	11/07/13	13.51	7.61	5.90
MW-310	01/16/14	13.51	7.39	6.12
MW-310	04/23/14	13.51	6.64	6.87
MW-310	07/24/14	13.51	7.43	6.08
MW-310	09/23/14	13.51	7.73	5.78
MW-310	11/04/14	13.51	6.84	6.67
MW-310	03/10/15	13.51	6.78	6.73
MW-310	05/15/15	13.51	7.19	6.32
MW-310	07/29/15	13.51	7.67	5.84
MW-310	12/10/15	13.51	5.80	7.71
MW-310	02/23/16	13.51	5.77	7.74
MW-310	05/03/16	13.51	6.70	6.81
MW-310	08/30/16	13.51	7.76	5.75
MW-310	12/14/16	13.51	6.32	7.19
MW-310	03/13/17	13.51	5.90	7.61
MW-310	05/16/17	13.51	6.39	7.12
MW-310	06/13/17	13.51	6.88	6.63
MW-310	08/22/17	13.51	7.56	5.95
MW-310	12/04/17	13.51	6.48	7.03
MW-310	03/06/18	13.51	6.52	6.99
MW-310	06/12/18	13.51	7.08	6.43
MW-310	09/05/18	13.51	7.57	5.94
MW-310	12/17/18	13.51	6.73	6.78
MW-310	03/18/19	13.51	5.28	8.23
MW-310	05/16/19	13.51	6.92	6.59
MW-310	09/17/19	13.51	7.59	5.92
MW-310	12/09/19	13.51	7.41	6.10
MW-310	04/27/20	13.51	6.60	6.91
MW-310	06/29/20	13.51	6.78	6.73
MW-310	09/21/20	13.51	7.57	5.94
MW-310	12/14/20	13.51	8.95	4.56
MW-310	04/12/21	13.51	6.41	7.10
MW-310	06/14/21	13.51	6.98	6.53
MW-310	09/22/21	13.51	7.62	5.89
MW-310	12/16/21	13.51	5.58	7.93
MW-310	03/28/22	13.51	5.85	7.66
MW-310	06/27/22	13.51	7.08	6.43
MW-310	09/20/22	13.51	8.08	5.43
MW-310	12/12/22	13.51	6.20	7.31

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-310	03/27/23	13.51	5.91	7.60
MW-310	06/12/23	13.51	6.17	7.34
MW-310	09/11/23	13.51	7.15	6.36
MW-310	12/18/23	13.51	5.43	8.08
MW-310	03/11/24	13.51	5.43	8.08
MW-310	06/17/24	13.51	6.71	6.80
MW-310	09/18/24	13.51	7.33	6.18
MW-310	12/16/24	13.51	6.45	7.06
MW-310	03/24/25	13.51	5.85	7.66
MW-310	06/23/25	13.51	6.84	6.67
MW-311	11/05/14	14.91	8.03	6.88
MW-311	03/10/15	14.91	8.02	6.89
MW-311	05/15/15	14.91	8.42	6.49
MW-311	07/29/15	14.91	8.83	6.08
MW-311	12/10/15	14.91	7.08	7.83
MW-311	02/23/16	14.91	6.97	7.94
MW-311	05/03/16	14.91	7.92	6.99
MW-311	08/30/16	14.91	8.92	5.99
MW-311	12/14/16	14.91	7.53	7.38
MW-311	03/13/17	14.91	7.10	7.81
MW-311	06/13/17	14.91	8.05	6.86
MW-311	08/22/17	14.91	8.70	6.21
MW-311	12/04/17	14.91	7.70	7.21
MW-311	03/06/18	14.91	7.74	7.17
MW-311	06/12/18	14.91	8.32	6.59
MW-311	09/05/18	14.91	8.78	6.13
MW-311	12/17/18	14.91	8.02	6.89
MW-311	03/18/19	14.91	7.63	7.28
MW-311	05/15/19	14.91	8.06	6.85
MW-311	09/17/19	14.91	8.78	6.13
MW-311	12/09/19	14.91	8.64	6.27
MW-311	04/27/20	14.91	7.94	6.97
MW-311	06/29/20	14.91	8.24	6.67
MW-311	09/21/20	14.91	8.80	6.11
MW-311	12/14/20	14.91	8.20	6.71
MW-311	04/12/21	14.91	7.68	7.23
MW-311	06/14/21	14.91	--	--
MW-311	09/22/21	14.91	8.79	6.12
MW-311	12/16/21	14.91	7.05	7.86
MW-311	03/28/22	14.91	7.25	7.66
MW-311	06/27/22	14.91	7.69	7.22

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-311	09/20/22	14.91	9.23	5.68
MW-311	12/12/22	14.91	7.62	7.29
MW-311	03/27/23	14.91	7.77	7.14
MW-311	06/12/23	14.91	7.62	7.29
MW-311	09/11/23	14.91	8.58	6.33
MW-311	12/18/23	14.91	6.92	7.99
MW-311	03/11/24	14.91	6.81	8.10
MW-311	06/18/24	14.91	7.94	6.97
MW-311	09/18/24	14.91	8.57	6.34
MW-311	12/16/24	14.91	7.17	7.74
MW-311	03/24/25	14.91	7.21	7.70
MW-311	03/25/25	14.91	7.21	7.70
MW-311	06/23/25	14.91	8.12	6.79
MW-312	11/05/14	14.31	7.58	6.73
MW-312	03/10/15	14.31	7.56	6.75
MW-312	05/15/15	14.31	7.95	6.36
MW-312	07/29/15	14.31	8.34	5.97
MW-312	12/10/15	14.31	6.97	7.34
MW-312	02/23/16	14.31	6.68	7.63
MW-312	05/03/16	14.31	7.49	6.82
MW-312	08/30/16	14.31	8.44	5.87
MW-312	12/14/16	14.31	7.10	7.21
MW-312	03/13/17	14.31	6.75	7.56
MW-312	06/13/17	14.31	7.61	6.70
MW-312	08/22/17	14.31	8.22	6.09
MW-312	12/04/17	14.31	7.36	6.95
MW-312	03/06/18	14.31	7.32	6.99
MW-312	06/12/18	14.31	7.83	6.48
MW-312	09/05/18	14.31	8.31	6.00
MW-312	12/17/18	14.31	7.57	6.74
MW-312	03/18/19	14.31	7.23	7.08
MW-312	05/15/19	14.31	7.59	6.72
MW-312	09/17/19	14.31	8.26	6.05
MW-312	12/09/19	14.31	8.12	6.19
MW-312	04/27/20	14.31	7.52	6.79
MW-312	06/29/20	14.31	7.70	6.61
MW-312	09/21/20	14.31	8.30	6.01
MW-312	12/14/20	14.31	7.77	6.54
MW-312	04/12/21	14.31	7.31	7.00
MW-312	06/14/21	14.31	7.80	6.51
MW-312	09/22/21	14.31	8.25	6.06

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-312	12/16/21	14.31	6.63	7.68
MW-312	03/28/22	14.31	5.90	8.41
MW-312	06/27/22	14.31	7.56	6.75
MW-312	09/20/22	14.31	7.11	7.20
MW-312	12/12/22	14.31	7.08	7.23
MW-312	03/27/23	14.31	7.46	6.85
MW-312	06/12/23	14.31	5.78	8.53
MW-312	09/11/23	14.31	7.96	6.35
MW-312	12/18/23	14.31	6.58	7.73
MW-312	03/11/24	14.31	6.50	7.81
MW-312	06/17/24	14.31	7.63	6.68
MW-312	09/18/24	14.31	8.08	6.23
MW-312	12/16/24	14.31	7.22	7.09
MW-312	03/24/25	14.31	6.78	7.53
MW-312	06/23/25	14.31	7.65	6.66
MW-313	08/30/16	13.25	7.05	6.20
MW-313	12/14/16	13.25	5.63	7.62
MW-313	03/13/17	13.25	5.31	7.94
MW-313	06/13/17	13.25	6.10	7.15
MW-313	08/22/17	13.25	6.80	6.45
MW-313	12/04/17	13.25	5.77	7.48
MW-313	03/06/18	13.25	5.87	7.38
MW-313	06/12/18	13.25	6.38	6.87
MW-313	09/05/18	13.25	6.98	6.27
MW-313	12/17/18	13.25	6.04	7.21
MW-313	03/18/19	13.25	5.87	7.38
MW-313	05/15/19	13.25	6.21	7.04
MW-313	09/17/19	13.25	6.82	6.43
MW-313	12/09/19	13.25	6.74	6.51
MW-313	04/27/20	13.25	6.03	7.22
MW-313	06/29/20	13.25	6.36	6.89
MW-313	09/21/20	13.25	6.95	6.30
MW-313	12/14/20	13.25	6.27	6.98
MW-313	04/12/21	13.25	5.96	7.29
MW-313	06/14/21	13.25	6.27	6.98
MW-313	09/22/21	13.25	6.83	6.42
MW-313	12/16/21	13.25	5.11	8.14
MW-313	03/28/22	13.25	5.48	7.77
MW-313	06/27/22	13.25	5.87	7.38
MW-313	09/20/22	13.25	7.30	5.95
MW-313	12/12/22	13.25	5.48	7.77

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-313	03/27/23	13.25	5.90	7.35
MW-313	06/12/23	13.25	6.15	7.10
MW-313	09/11/23	13.25	6.73	6.52
MW-313	12/18/23	13.25	5.58	7.67
MW-313	03/11/24	13.25	5.16	8.09
MW-313	06/17/24	13.25	6.32	6.93
MW-313	09/18/24	13.25	6.74	6.51
MW-313	12/16/24	13.25	5.52	7.73
MW-313	03/24/25	13.25	5.47	7.78
MW-313	06/23/25	13.25	6.21	7.04
MW-314	08/30/16	13.49	7.72	5.77
MW-314	12/14/16	13.49	6.77	6.72
MW-314	03/13/17	13.49	6.55	6.94
MW-314	06/13/17	13.49	7.08	6.41
MW-314	08/22/17	13.49	7.55	5.94
MW-314	12/04/17	13.49	7.00	6.49
MW-314	03/06/18	13.49	6.99	6.50
MW-314	06/12/18	13.49	7.38	6.11
MW-314	09/05/18	13.49	7.66	5.83
MW-314	12/17/18	13.49	6.98	6.51
MW-314	03/18/19	13.49	6.92	6.57
MW-314	05/16/19	13.49	7.13	6.36
MW-314	09/17/19	13.49	Not Measured	Not Measured
MW-314	12/09/19	13.49	7.46	6.03
MW-314	04/27/20	13.49	7.19	6.30
MW-314	06/29/20	13.49	7.40	6.09
MW-314	09/22/20	13.49	7.53	5.96
MW-314	12/15/20	13.49	7.31	6.18
MW-314	04/13/21	13.49	7.13	6.36
MW-314	06/14/21	13.49	--	--
MW-314	09/22/21	13.49	--	--
MW-314	12/16/21	13.49	--	--
MW-314	03/28/22	13.49	6.68	6.81
MW-314	06/27/22	13.49	6.93	6.56
MW-314	09/20/22	13.49	8.41	5.08
MW-314	12/12/22	13.49	--	--
MW-314	03/27/23	13.49	6.75	6.74
MW-314	06/14/23	13.49	7.00	6.49
MW-314	09/11/23	13.49	--	--
MW-314	12/20/23	13.49	5.60	7.89
MW-314	03/11/24	13.49	--	--

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-314	06/19/24	13.49	7.29	6.20
MW-314	09/18/24	13.49	--	--
MW-314	12/17/24	13.49	6.67	6.82
MW-314	03/24/25	13.49	6.52	6.97
MW-314	06/23/25	13.49	7.32	6.17
MW-315	08/30/16	14.61	8.56	6.05
MW-315	12/14/16	14.61	7.26	7.35
MW-315	03/13/17	14.61	6.93	7.68
MW-315	06/13/17	14.61	7.72	6.89
MW-315	08/22/17	14.61	8.32	6.29
MW-315	12/04/17	14.61	7.45	7.16
MW-315	03/06/18	14.61	7.47	7.14
MW-315	06/12/18	14.61	7.98	6.63
MW-315	09/05/18	14.61	8.46	6.15
MW-315	12/17/18	14.61	7.64	6.97
MW-315	03/18/19	14.61	7.43	7.18
MW-315	05/15/19	14.61	7.73	6.88
MW-315	09/17/19	14.61	9.43	5.18
MW-315	12/09/19	14.61	8.21	6.40
MW-315	04/27/20	14.61	7.64	6.97
MW-315	06/29/20	14.61	7.95	6.66
MW-315	09/21/20	14.61	8.41	6.20
MW-315	12/14/20	14.61	7.77	6.84
MW-315	04/12/21	14.61	7.52	7.09
MW-315	06/14/21	14.61	7.90	6.71
MW-315	09/22/21	14.61	8.34	6.27
MW-315	12/16/21	14.61	6.76	7.85
MW-315	03/28/22	14.61	7.03	7.58
MW-315	06/27/22	14.61	7.42	7.19
MW-315	09/20/22	14.61	9.08	5.53
MW-315	12/12/22	14.61	7.08	7.53
MW-315	03/27/23	14.61	7.43	7.18
MW-315	06/12/23	14.61	7.61	7.00
MW-315	09/11/23	14.61	8.10	6.51
MW-315	12/18/23	14.61	6.74	7.87
MW-315	03/11/24	14.61	6.69	7.92
MW-315	06/17/24	14.61	7.77	6.84
MW-315	09/18/24	14.61	8.22	6.39
MW-315	12/16/24	14.61	7.62	6.99
MW-315	03/24/25	14.61	6.99	7.62
MW-315	03/25/25	14.61	6.99	7.62

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
MW-315	06/23/25	14.61	7.81	6.80
SH-04	07/08/93	12.92	9.94	2.98
SH-04	08/03/93	12.92	10.15	2.77
SH-04	09/08/93	12.92	10.50	2.42
SH-04	10/08/93	12.92	10.72	2.20
SH-04	11/05/93	12.92	10.88	2.04
SH-04	12/03/93	12.92	10.78	2.14
SH-04	01/05/94	12.92	10.20	2.72
SH-04	02/04/94	12.92	10.12	2.80
SH-04	08/28/95	12.92	10.15	2.77
SH-04	09/27/95	12.92	10.37	2.55
SH-04	04/27/99	12.92	8.55	4.37
SH-04	07/14/99	12.92	7.63	5.29
SH-04	10/18/99	12.92	10.58	2.34
SH-04	01/11/00	12.92	9.06	3.86
SH-04	04/05/00	12.92	8.94	3.98
SH-04	07/18/00	12.92	9.96	2.96
SH-04	10/02/00	12.92	10.62	2.30
SH-04	01/22/01	12.92	10.13	2.79
SH-04	07/23/01	12.92	6.98	5.94
SH-04	10/16/01	12.92	12.20	0.72
SH-04	04/23/02	12.92	9.91	3.01
SH-04	07/18/02	12.92	10.74	2.18
SH-04	10/23/02	12.92	11.27	1.65
SH-04	01/28/03	12.92	9.73	3.19
SH-04	04/15/03	12.92	9.69	3.23
SH-04	07/17/03	12.92	10.78	2.14
SH-04	10/15/03	12.92	11.19	1.73
SH-04	01/13/04	12.92	9.61	3.31
SH-04	04/19/04	16.62	10.05	6.57
SH-04	07/27/04	16.62	10.90	5.72
SH-04	10/18/04	16.62	10.89	5.73
SH-04	01/24/05	16.62	10.03	6.59
SH-04	04/18/05	16.62	10.03	6.59
SH-04	07/12/05	16.62	10.51	6.11
SH-04	10/18/05	16.62	11.01	5.61
SH-04	01/25/06	16.62	8.98	7.64
SH-04	10/11/06	16.62	11.06	5.56
SH-04	11/20/08	16.62	10.40	6.22
SH-04	04/08/09	16.62	10.01	6.61
SH-04	11/16/09	16.62	10.09	6.53

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
SH-04	04/27/10	16.62	9.33	7.29
SH-04	10/25/10	16.62	10.23	6.39
SH-04	10/27/11	16.62	10.68	5.94
SH-04	03/01/12	16.62	9.63	6.99
SH-04	05/30/12	16.62	9.56	7.06
SH-04	06/11/12	16.62	9.55	7.07
SH-04	08/23/12	16.62	9.95	6.67
SH-04	09/25/12	16.62	10.21	6.41
SH-04	11/25/12	16.62	8.77	7.85
SH-04	05/16/13	16.62	8.64	7.98
SH-04	11/04/13	16.62	8.75	7.87
SH-04	04/22/14	16.62	9.00	7.62
SH-04	11/06/14	16.62	9.23	7.39
SH-04	05/21/15	16.62	9.15	7.47
SH-04	12/08/15	16.62	8.80	7.82
SH-04	12/14/16	16.62	8.34	8.28
SH-04	06/13/17	16.62	8.75	7.87
SH-04	12/04/17	16.62	9.33	7.29
SH-04	06/12/18	16.62	9.39	7.23
SH-04	12/17/18	16.62	9.65	6.97
SH-04	05/16/19	16.62	9.72	6.90
SH-04	12/09/19	16.62	10.50	6.12
SH-04	06/29/20	16.62	9.89	6.73
SH-04	12/14/20	16.62	9.90	6.72
SH-04	04/12/21	16.62	9.18	7.44
SH-04	06/14/21	16.62	9.60	7.02
SH-04	12/15/21	16.62	8.79	7.83
SH-04	04/18/22	16.62	9.15	7.47
SH-04	06/27/22	16.62	9.33	7.29
SH-04	12/12/22	16.62	9.20	7.42
SH-04	06/12/23	16.62	8.95	7.67
SH-04	12/19/23	16.62	8.05	8.57
SH-04	06/17/24	16.62	9.71	6.91
SH-04	12/16/24	16.62	9.72	6.90
SH-04	06/23/25	16.62	9.85	6.77
TES-MW-1	04/06/93	13.10	8.79	4.31
TES-MW-1	05/13/93	13.10	8.61	4.49
TES-MW-1	06/10/93	13.10	8.63	4.47
TES-MW-1	07/08/93	13.10	8.98	4.12
TES-MW-1	08/03/93	13.10	9.28	3.82
TES-MW-1	09/08/93	13.10	8.66	4.44

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TES-MW-1	10/08/93	13.10	9.98	3.12
TES-MW-1	11/05/93	13.10	10.20	2.90
TES-MW-1	12/03/93	13.10	10.17	2.93
TES-MW-1	01/05/94	13.10	9.30	3.80
TES-MW-1	02/04/94	13.10	9.19	3.91
TES-MW-1	08/28/95	13.10	9.26	3.84
TES-MW-1	09/27/95	13.10	9.53	3.57
TES-MW-1	04/27/99	13.10	7.49	5.61
TES-MW-1	07/14/99	13.10	8.90	4.20
TES-MW-1	10/18/99	13.10	9.88	3.22
TES-MW-1	01/11/00	13.10	7.59	5.51
TES-MW-1	04/05/00	13.10	8.20	4.90
TES-MW-1	10/02/00	13.10	9.99	3.11
TES-MW-1	01/22/01	13.10	9.65	3.45
TES-MW-1	07/23/01	13.10	10.77	2.33
TES-MW-1	10/16/01	13.10	11.93	1.17
TES-MW-1	04/23/02	13.10	9.32	3.78
TES-MW-1	07/18/02	13.10	10.34	2.76
TES-MW-1	10/23/02	13.10	10.92	2.18
TES-MW-1	01/30/03	13.10	8.43	4.67
TES-MW-1	04/15/03	13.10	8.89	4.21
TES-MW-1	07/17/03	13.10	10.41	2.69
TES-MW-1	10/15/03	13.10	10.82	2.28
TES-MW-1	01/13/04	13.10	8.82	4.28
TES-MW-1	04/19/04	16.15	9.76	6.39
TES-MW-1	07/27/04	16.15	10.48	5.67
TES-MW-1	10/18/04	16.15	10.27	5.88
TES-MW-1	01/24/05	16.15	9.26	6.89
TES-MW-1	04/18/05	16.15	9.46	6.69
TES-MW-1	07/12/05	16.15	10.10	6.05
TES-MW-1	10/18/05	16.15	10.70	5.45
TES-MW-1	01/25/06	16.15	8.17	7.98
TES-MW-1	04/25/06	16.15	9.33	6.82
TES-MW-1	10/11/06	16.15	10.66	5.49
TES-MW-1	11/18/08	16.15	9.85	6.30
TES-MW-1	11/16/09	16.15	9.35	6.80
TES-MW-1	10/26/10	16.15	9.66	6.49
TES-MW-1	10/27/11	16.15	10.42	5.73
TES-MW-1	05/30/12	16.15	9.37	6.78
TES-MW-1	06/13/12	16.15	9.43	6.72
TES-MW-1	06/26/12	16.15	10.31	5.84
TES-MW-1	11/27/12	16.15	8.62	7.53

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TES-MW-1	05/16/13	16.15	9.46	6.69
TES-MW-1	11/07/13	16.15	10.06	6.09
TES-MW-1	04/22/14	16.15	8.70	7.45
TES-MW-1	11/04/14	16.15	9.07	7.08
TES-MW-1	03/10/15	16.15	8.92	7.23
TES-MW-1	05/15/15	16.15	9.40	6.75
TES-MW-1	07/29/15	16.15	10.08	6.07
TES-MW-1	12/10/15	16.15	7.14	9.01
TES-MW-1	02/23/16	16.15	7.58	8.57
TES-MW-1	05/03/16	16.15	8.80	7.35
TES-MW-1	08/30/16	16.15	9.86	6.29
TES-MW-1	12/14/16	16.15	8.30	7.85
TES-MW-1	03/13/17	16.15	7.57	8.58
TES-MW-1	06/13/17	16.15	9.01	7.14
TES-MW-1	08/22/17	16.15	9.90	6.25
TES-MW-1	12/04/17	16.15	8.75	7.40
TES-MW-1	03/06/18	16.15	8.61	7.54
TES-MW-1	06/12/18	16.15	9.56	6.59
TES-MW-1	09/05/18	16.15	10.17	5.98
TES-MW-1	12/17/18	16.15	9.08	7.07
TES-MW-1	03/18/19	16.15	8.73	7.42
TES-MW-1	05/15/19	16.15	9.34	6.81
TES-MW-1	09/17/19	16.15	10.19	5.96
TES-MW-1	12/09/19	16.15	9.99	6.16
TES-MW-1	04/27/20	16.15	9.04	7.11
TES-MW-1	06/29/20	16.15	9.50	6.65
TES-MW-1	09/21/20	16.15	10.23	5.92
TES-MW-1	12/14/20	16.15	9.43	6.72
TES-MW-1	04/12/21	16.15	8.79	7.36
TES-MW-1	06/14/21	16.15	9.35	6.80
TES-MW-1	09/22/21	16.15	10.15	6.00
TES-MW-1	12/14/21	16.15	7.87	8.28
TES-MW-1	03/28/22	16.15	8.19	7.96
TES-MW-1	06/27/22	16.15	9.18	6.97
TES-MW-1	09/19/22	16.15	10.50	5.65
TES-MW-1	12/12/22	16.15	10.35	5.80
TES-MW-1	03/27/23	16.15	8.10	8.05
TES-MW-1	06/12/23	16.15	8.86	7.29
TES-MW-1	09/11/23	16.15	9.36	6.79
TES-MW-1	12/19/23	16.15	7.92	8.23
TES-MW-1	03/11/24	16.15	7.68	8.47
TES-MW-1	06/17/24	16.15	9.21	6.94

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TES-MW-1	09/18/24	16.15	9.92	6.23
TES-MW-1	12/16/24	16.15	8.78	7.37
TES-MW-1	03/24/25	16.15	8.00	8.15
TES-MW-1	06/23/25	16.15	9.36	6.79
TX-03	04/06/93	9.58	5.57	4.01
TX-03	06/10/93	9.58	5.50	4.08
TX-03	07/08/93	9.58	5.81	3.77
TX-03	08/03/93	9.58	6.08	3.50
TX-03	09/08/93	9.58	6.42	3.16
TX-03	10/08/93	9.58	6.74	2.84
TX-03	11/05/93	9.58	6.91	2.67
TX-03	12/03/93	9.58	6.90	2.68
TX-03	01/05/94	9.58	6.16	3.42
TX-03	02/04/94	9.58	Not Measured	Not Measured
TX-03	08/28/95	9.58	6.16	3.42
TX-03	09/27/95	9.58	Not Measured	Not Measured
TX-03	04/27/99	9.58	4.68	4.90
TX-03	07/14/99	9.58	5.87	3.71
TX-03	10/18/99	9.58	6.71	2.87
TX-03	01/11/00	9.58	5.30	4.28
TX-03	04/05/00	9.58	5.31	4.27
TX-03	07/18/00	9.58	5.98	3.60
TX-03	10/02/00	9.58	6.65	2.93
TX-03A	04/23/02	9.58	6.25	3.33
TX-03A	07/18/02	9.58	6.75	2.83
TX-03A	10/23/02	9.58	7.15	2.43
TX-03A	01/28/03	9.58	5.40	4.18
TX-03A	04/15/03	9.58	5.76	3.82
TX-03A	07/17/03	9.58	6.76	2.82
TX-03A	10/15/03	9.58	7.05	2.53
TX-03A	01/13/04	9.58	5.46	4.12
TX-03A	04/19/04	12.26	6.22	6.04
TX-03A	07/27/04	12.26	6.78	5.48
TX-03A	10/18/04	12.26	6.69	5.57
TX-03A	01/24/05	12.26	5.76	6.50
TX-03A	04/18/05	12.26	5.91	6.35
TX-03A	07/12/05	12.26	6.41	5.85
TX-03A	10/18/05	12.26	6.92	5.34
TX-03A	01/25/06	12.26	4.82	7.44
TX-03A	04/25/06	12.26	5.82	6.44

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TX-03A	10/11/06	12.26	6.91	5.35
TX-03A	11/20/08	12.26	6.14	6.12
TX-03A	04/08/09	12.26	5.90	6.36
TX-03A	11/16/09	12.26	5.80	6.46
TX-03A	04/27/10	12.26	5.53	6.73
TX-03A	10/25/10	12.26	6.20	6.06
TX-03A	10/27/11	12.26	6.74	5.52
TX-03A	03/01/12	12.26	5.86	6.40
TX-03A	06/13/12	12.26	5.97	6.29
TX-03A	09/26/12	12.26	6.67	5.59
TX-03A	11/27/12	12.26	5.21	7.05
TX-03A	02/21/13	12.26	5.55	6.71
TX-03A	05/16/13	12.26	6.01	6.25
TX-03A	09/06/13	12.26	6.56	5.70
TX-03A	11/07/13	12.26	6.45	5.81
TX-03A	04/22/14	12.26	5.45	6.81
TX-03A	07/24/14	12.26	6.28	5.98
TX-03A	09/23/14	12.26	6.57	5.69
TX-03A	11/04/14	12.26	5.64	6.62
TX-03A	03/10/15	12.26	5.57	6.69
TX-03A	05/15/15	12.26	5.98	6.28
TX-03A	07/29/15	12.26	6.51	5.75
TX-03A	12/10/15	12.26	4.48	7.78
TX-03A	02/23/16	12.26	4.44	7.82
TX-03A	05/03/16	12.26	5.46	6.80
TX-03A	08/30/16	12.26	6.59	5.67
TX-03A	12/14/16	12.26	5.04	7.22
TX-03A	03/13/17	12.26	4.56	7.70
TX-03A	05/16/17	12.26	5.12	7.14
TX-03A	06/13/17	12.26	5.63	6.63
TX-03A	08/22/17	12.26	6.37	5.89
TX-03A	12/04/17	12.26	5.20	7.06
TX-03A	03/27/18	12.26	5.42	6.84
TX-03A	06/12/18	12.26	6.33	5.93
TX-03A	09/05/18	12.26	6.43	5.83
TX-03A	12/17/18	12.26	5.61	6.65
TX-03A	03/18/19	12.26	5.12	7.14
TX-03A	05/16/19	12.26	5.56	6.70
TX-03A	09/17/19	12.26	6.42	5.84
TX-03A	12/09/19	12.26	6.27	5.99
TX-03A	04/27/20	12.26	5.45	6.81
TX-03A	06/29/20	12.26	5.65	6.61

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TX-03A	09/21/20	12.26	6.43	5.83
TX-03A	12/15/20	12.26	5.70	6.56
TX-03A	04/12/21	12.26	5.12	7.14
TX-03A	06/14/21	12.26	5.72	6.54
TX-03A	09/23/21	12.26	6.35	5.91
TX-03A	12/16/21	12.26	--	--
TX-03A	03/28/22	12.26	4.90	7.36
TX-03A	06/27/22	12.26	5.17	7.09
TX-03A	09/21/22	12.26	6.75	5.51
TX-03A	12/12/22	12.26	5.05	7.21
TX-03A	03/27/23	12.26	4.97	7.29
TX-03A	06/14/23	12.26	5.42	6.84
TX-03A	09/12/23	12.26	6.84	5.42
TX-03A	12/20/23	12.26	4.45	7.81
TX-03A	03/11/24	12.26	4.28	7.98
TX-03A	06/19/24	12.26	5.45	6.81
TX-03A	09/18/24	12.26	6.19	6.07
TX-03A	12/17/24	12.26	5.18	7.08
TX-03A	03/24/25	12.26	4.64	7.62
TX-03A	06/23/25	12.26	5.69	6.57
TX-04	04/06/93	14.36	9.97	4.39
TX-04	05/13/93	14.36	9.83	4.53
TX-04	06/10/93	14.36	9.87	4.49
TX-04	07/08/93	14.36	10.24	4.12
TX-04	08/03/93	14.36	10.54	3.82
TX-04	09/08/93	14.36	10.96	3.40
TX-04	10/08/93	14.36	11.28	3.08
TX-04	11/05/93	14.36	11.51	2.85
TX-04	12/03/93	14.36	11.43	2.93
TX-04	01/05/94	14.36	10.60	3.76
TX-04	02/04/94	14.36	10.45	3.91
TX-04	08/28/95	14.36	10.64	3.72
TX-04	09/27/95	14.36	10.88	3.48
TX-04	04/27/99	14.36	8.57	5.79
TX-04	07/14/99	14.36	10.01	4.35
TX-04	10/18/99	14.36	11.12	3.24
TX-04	01/11/00	14.36	9.06	5.30
TX-04	04/05/00	14.36	9.04	5.32
TX-04	07/18/00	14.36	10.41	3.95
TX-04	10/02/00	14.36	11.23	3.13
TX-04	01/22/01	14.36	10.70	3.66

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TX-04	07/23/01	14.36	11.50	2.86
TX-04	10/16/01	14.36	9.57	4.79
TX-04	04/23/02	14.36	6.81	7.55
TX-04	07/18/02	14.36	11.33	3.03
TX-04	10/23/02	14.36	11.79	2.57
TX-04	01/28/03	14.36	9.51	4.85
TX-04	04/15/03	14.36	9.55	4.81
TX-04	07/17/03	14.36	11.28	3.08
TX-04	10/15/03	14.36	11.93	2.43
TX-04	01/13/04	14.36	9.54	4.82
TX-04	04/19/04	17.65	10.50	7.15
TX-04	07/27/04	17.65	11.46	6.19
TX-04	10/18/04	17.65	11.46	6.19
TX-04	01/24/05	17.65	10.16	7.49
TX-04	04/18/05	17.65	10.35	7.30
TX-04	07/12/05	17.65	11.04	6.61
TX-04	10/18/05	17.65	11.79	5.86
TX-04	01/25/06	17.65	8.43	9.22
TX-04	04/25/06	17.65	10.22	7.43
TX-04	10/11/06	17.65	11.77	5.88
TX-04	11/18/08	17.65	10.84	6.81
TX-04	11/16/09	17.65	10.39	7.26
TX-04	10/25/10	17.65	10.77	6.88
TX-04	10/26/11	17.65	11.47	6.18
TX-04	11/26/12	17.65	9.26	8.39
TX-04	11/04/13	17.65	10.98	6.67
TX-04	11/06/14	17.65	10.05	7.60
TX-04	02/27/15	17.65	9.37	8.28
TX-04	12/08/15	17.65	9.27	8.38
TX-04	12/14/16	17.65	8.97	8.68
TX-04	12/04/17	17.65	9.64	8.01
TX-04	12/17/18	17.65	10.39	7.26
TX-04	12/09/19	17.65	11.22	6.43
TX-04	12/14/20	17.65	10.45	7.20
TX-04	04/12/21	17.65	9.63	8.02
TX-04	12/15/21	17.65	8.90	8.75
TX-04	12/12/22	17.65	9.81	7.84
TX-04	12/18/23	17.65	8.07	9.58
TX-04	12/16/24	17.65	10.15	7.50
TX-06	04/06/93	8.58	3.85	4.73
TX-06	06/10/93	8.58	3.71	4.87

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TX-06	09/08/93	8.58	4.96	3.62
TX-06	10/08/93	8.58	5.35	3.23
TX-06	11/05/93	8.58	5.54	3.04
TX-06	12/03/93	8.58	5.37	3.21
TX-06	01/05/94	8.58	4.48	4.10
TX-06	02/04/94	8.58	4.43	4.15
TX-06	08/28/95	8.58	4.75	3.83
TX-06	09/27/95	8.58	5.78	2.80
TX-06	04/27/99	8.58	2.62	5.96
TX-06	07/14/99	8.58	4.05	4.53
TX-06	10/18/99	8.58	5.19	3.39
TX-06	01/11/00	8.58	2.98	5.60
TX-06	04/05/00	8.58	3.16	5.42
TX-06	07/18/00	8.58	4.25	4.33
TX-06	10/02/00	8.58	5.23	3.35
TX-06	04/25/06	8.58	3.88	4.70
TX-06A	04/23/02	8.58	3.98	4.60
TX-06A	07/18/02	8.58	4.14	4.44
TX-06A	10/23/02	8.58	5.98	2.60
TX-06A	01/28/03	8.58	3.40	5.18
TX-06A	04/15/03	8.58	3.57	5.01
TX-06A	07/17/03	8.58	5.24	3.34
TX-06A	10/15/03	8.58	6.01	2.57
TX-06A	01/13/04	8.58	3.36	5.22
TX-06A	04/19/04	11.67	4.41	7.26
TX-06A	07/27/04	11.67	5.39	6.28
TX-06A	10/18/04	11.67	5.23	6.44
TX-06A	01/24/05	11.67	3.66	8.01
TX-06A	04/18/05	11.67	3.89	7.78
TX-06A	07/12/05	11.67	4.78	6.89
TX-06A	10/18/05	11.67	5.63	6.04
TX-06A	01/25/06	11.67	3.00	8.67
TX-06A	04/25/06	11.67	5.54	6.13
TX-06A	11/18/08	11.67	4.56	7.11
TX-06A	11/16/09	11.67	3.99	7.68
TX-06A	10/28/10	11.67	4.47	7.20
TX-06A	10/25/11	11.67	5.40	6.27
TX-06A	11/25/12	11.67	3.03	8.64
TX-06A	11/07/13	11.67	4.87	6.80
TX-06A	11/06/14	11.67	4.03	7.64
TX-06A	12/08/15	11.67	2.80	8.87

**Groundwater Elevation Data
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	TOC Elevation	Depth to Water	GW Elevation
		ft AMSL	ft below TOC	ft AMSL
TX-06A	12/14/16	11.67	3.26	8.41
TX-06A	12/04/17	11.67	3.36	8.31
TX-06A	12/17/18	11.67	4.18	7.49
TX-06A	12/09/19	11.67	5.20	6.47
TX-06A	12/14/20	11.67	4.32	7.35
TX-06A	04/12/21	11.67	3.91	7.76
TX-06A	12/15/21	11.67	2.90	8.77
TX-06A	12/12/22	11.67	7.46	4.21
TX-06A	12/19/23	11.67	2.45	9.22
TX-06A	12/16/24	11.67	3.17	8.50

Notes:

= Indicates data collected during this progress report period

-- = Survey data not available

AMSL = above mean sea level

ft = feet

TOC = Top of monitoring well casing

Table 4

Performance Product Monitoring Data
Shell Harbor Island Terminal
Seattle, Washington

Date	MW-204			MW-208			MW-209			MW-210			MW-211			MW-212		
	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness
06/01/04	10.68	NP	NP	5.01	NP	NP	—	—	—	6.20	6.15	0.05	5.33	NP	NP	5.60	NP	NP
10/02/04	10.12	NP	NP	4.77	NP	NP	—	—	—	7.09	6.31	0.78	5.04	NP	NP	4.89	NP	NP
10/03/04	10.50	NP	NP	5.98	NP	NP	—	—	—	7.26	6.71	0.55	5.86	NP	NP	6.06	NP	NP
04/19/04	10.95	NP	NP	6.29	NP	NP	—	—	—	6.99	NP	NP	4.90	NP	NP	5.13	NP	NP
05/13/04	11.24	NP	NP	6.07	NP	NP	—	—	—	6.95	NP	NP	4.78	NP	NP	4.80	NP	NP
08/06/04	11.35	NP	NP	4.76	NP	NP	—	—	—	5.52	NP	NP	4.64	NP	NP	4.41	NP	NP
06/07/04	11.55	NP	NP	5.06	NP	NP	—	—	—	6.98	NP	NP	4.55	NP	NP	4.61	NP	NP
11/08/04	11.79	NP	NP	6.51	NP	NP	—	—	—	7.22	NP	NP	7.18	NP	NP	7.27	NP	NP
09/09/04	11.79	NP	NP	6.66	NP	NP	—	—	—	7.19	7.18	0.01	7.16	NP	NP	7.14	7.14	Trace
06/10/04	11.76	NP	NP	6.58	NP	NP	—	—	—	7.18	NP	NP	7.11	NP	NP	7.08	NP	NP
09/11/04	11.61	NP	NP	6.17	NP	NP	—	—	—	7.04	7.01	0.03	6.93	NP	NP	6.95	6.95	Trace
10/12/04	—	—	—	3.91	NP	NP	—	—	—	6.96	NP	NP	5.31	NP	NP	5.00	NP	NP
11/01/05	11.04	NP	NP	3.80	NP	NP	—	—	—	5.78	NP	NP	4.85	4.85	Trace	4.71	NP	NP
11/02/05	10.81	10.81	Trace	4.47	NP	NP	—	—	—	6.19	6.18	0.01	5.71	NP	NP	5.68	NP	NP
11/03/05	11.18	NP	NP	5.48	NP	NP	—	—	—	6.73	NP	NP	6.56	6.56	Trace	6.50	NP	NP
04/18/05	10.98	NP	NP	5.97	NP	NP	—	—	—	6.95	6.81	0.14	6.18	NP	NP	6.42	NP	NP
05/25/05	10.98	NP	NP	4.78	NP	NP	—	—	—	6.12	NP	NP	5.73	NP	NP	5.78	NP	NP
09/06/05	11.15	NP	NP	5.74	NP	NP	—	—	—	6.68	6.67	0.01	6.11	NP	NP	6.33	NP	NP
11/07/05	11.40	NP	NP	6.12	NP	NP	—	—	—	7.13	NP	NP	6.32	NP	NP	6.65	NP	NP
08/19/05	11.64	NP	NP	6.25	NP	NP	—	—	—	6.91	NP	NP	6.50	NP	NP	7.85	NP	NP
09/16/05	11.83	NP	NP	6.51	NP	NP	—	—	—	7.32	NP	NP	6.85	NP	NP	7.02	NP	NP
10/18/05	11.98	NP	NP	6.06	NP	NP	—	—	—	6.93	NP	NP	6.51	NP	NP	6.54	NP	NP
09/11/05	11.67	NP	NP	4.43	NP	NP	—	—	—	6.34	NP	NP	4.86	NP	NP	4.10	NP	NP
05/12/05	11.48	NP	NP	4.65	NP	NP	—	—	—	6.57	NP	NP	—	—	—	—	—	—
01/26/06	9.96	NP	NP	4.72	NP	NP	—	—	—	5.83	NP	NP	6.65	NP	NP	3.95	NP	NP
02/28/06	10.24	NP	NP	5.34	NP	NP	—	—	—	6.28	NP	NP	4.53	NP	NP	4.88	NP	NP
03/24/06	10.57	NP	NP	5.34	NP	NP	—	—	—	4.20	NP	NP	5.74	NP	NP	4.94	NP	NP
04/18/06	10.78	NP	NP	5.41	NP	NP	—	—	—	6.46	6.45	0.01	5.81	NP	NP	5.28	NP	NP
05/18/06	11.06	NP	NP	6.02	NP	NP	—	—	—	7.01	NP	NP	6.32	NP	NP	5.56	NP	NP
06/19/06	11.26	NP	NP	5.98	NP	NP	—	—	—	6.91	NP	NP	6.23	NP	NP	5.48	NP	NP
08/28/06	11.74	NP	NP	6.45	NP	NP	—	—	—	7.25	NP	NP	6.63	NP	NP	5.68	NP	NP
09/15/06	11.83	NP	NP	6.21	NP	NP	—	—	—	7.02	NP	NP	6.54	NP	NP	5.53	NP	NP
10/11/06	11.96	NP	NP	6.10	NP	NP	—	—	—	6.95	NP	NP	5.93	NP	NP	5.48	NP	NP
11/29/06	—	—	—	4.19	NP	NP	—	—	—	5.83	NP	NP	5.39	NP	NP	4.27	NP	NP
12/13/06	10.53	NP	NP	3.60	NP	NP	—	—	—	5.58	5.58	0.01	4.39	NP	NP	2.81	NP	NP
01/31/07	10.17	NP	NP	3.98	NP	NP	—	—	—	6.32	6.09	0.23	5.58	NP	NP	4.26	NP	NP
02/26/07	10.56	NP	NP	4.55	NP	NP	—	—	—	6.04	NP	NP	5.24	NP	NP	4.12	NP	NP
03/20/07	10.68	NP	NP	4.68	NP	NP	—	—	—	6.42	6.41	0.01	5.68	NP	NP	4.82	NP	NP
04/26/07	10.99	NP	NP	—	NP	NP	—	—	—	—	NP	NP	6.15	NP	NP	4.97	4.96	0.01
05/25/07	11.29	NP	NP	5.68	NP	NP	—	—	—	7.05	NP	NP	6.60	NP	NP	5.11	NP	NP
06/15/07	11.50	NP	NP	5.93	NP	NP	—	—	—	7.04	NP	NP	6.35	NP	NP	5.03	NP	NP
07/19/07	11.70	NP	NP	5.82	5.81	0.01	—	—	—	6.81	6.80	0.01	6.34	NP	NP	5.29	5.28	0.01
08/17/07	11.81	NP	NP	5.90	NP	NP	—	—	—	6.75	NP	NP	6.22	NP	NP	5.35	NP	NP
09/11/07	—	NP	NP	6.24	NP	NP	—	—	—	7.28	7.28	<.01	6.68	6.68	<.01	5.73	NP	NP
10/29/07	11.80	NP	NP	5.60	NP	NP	—	—	—	6.68	NP	NP	5.25	NP	NP	6.03	NP	NP
11/12/07	11.84	NP	NP	5.56	NP	NP	—	—	—	6.58	6.57-6.58	<.01	5.82	NP	NP	4.83	—	—
12/26/07	10.84	NP	NP	4.09	NP	NP	—	—	—	5.85	5.84	<.01	4.84	4.85	<.01	4.44	4.43	<.01
01/11/08	10.64	NP	NP	3.84	NP	NP	—	—	—	5.26	5.25	0.01	4.13	4.12	<.01	3.64	3.63	<.01
02/13/08	10.65	NP	NP	4.58	NP	NP	—	—	—	6.60	6.25	0.35	5.75	NP	NP	4.84	NP	NP
03/14/08	11.05	NP	NP	5.37	NP	NP	—	—	—	6.31	NP	NP	5.65	NP	NP	5.01	NP	NP
04/18/08	10.78	NP	NP	5.41	NP	NP	—	—	—	6.46	6.45	0.01	5.81	NP	NP	5.28	NP	NP
05/05/08	11.39	NP	NP	5.84	NP	NP	—	—	—	7.06	7.05	0.01	6.39	NP	NP	5.49	NP	NP
05/20/08	11.53	NP	NP	5.84	NP	NP	—	—	—	7.03	7.02	0.01	6.69	NP	NP	5.52	NP	NP
06/30/08	11.67	NP	NP	5.85	NP	NP	—	—	—	dry	NP	NP	6.35	6.34	0.01	5.45	5.44	0.01
07/10/08	11.70	NP	NP	5.70	NP	NP	—	—	—	6.83	6.80	0.03	6.23	NP	NP	5.24	NP	NP
08/13/08	11.75	NP	NP	5.61	NP	NP	—	—	—	6.75	NP	NP	6.25	NP	NP	6.17	NP	NP

Table 4

Performance Product Monitoring Data
Shell Harbor Island Terminal
Seattle, Washington

Date	MW-204			MW-208			MW-209			MW-210			MW-211			MW-212		
	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness
09/02/08	11.82	NP	NP	5.86	NP	NP	—	—	—	6.98	NP	NP	6.40	NP	NP	5.71	NP	NP
10/10/08	11.82	NP	NP	7.11	NP	NP	—	—	—	5.83	NP	NP	6.59	NP	NP	5.83	NP	NP
11/10/08	10.02	NP	NP	4.68	NP	NP	—	—	—	6.40	NP	NP	5.61	NP	NP	5.21	NP	NP
12/08/08	11.48	NP	NP	5.53	NP	NP	—	—	—	6.70	6.52	0.18	5.82	NP	Sheen	5.17	NP	Sheen
01/07/09	11.00	NP	NP	3.93	NP	NP	—	—	—	5.32	NP	Sheen	4.51	NP	Sheen	4.41	NP	Sheen
02/17/09	11.60	NP	NP	5.20	NP	NP	—	—	—	6.40	NP	Sheen	5.72	NP	Sheen	5.21	NP	Sheen
03/06/09	11.21	NP	NP	4.67	NP	NP	—	—	—	6.02	5.59	0.43	4.45	NP	Sheen	4.83	NP	Sheen
04/07/09	—	—	—	—	—	—	—	—	—	6.98	6.96	0.02	—	—	—	—	—	—
07/09/09	11.55	NP	NP	—	—	—	—	—	—	6.90	NP	Sheen	6.34	NP	Sheen	5.56	NP	Sheen
10/20/09	11.75	NP	NP	4.90	NP	NP	—	—	—	6.28	NP	Sheen	5.63	NP	Sheen	4.91	NP	Sheen
01/05/10	10.98	NP	NP	3.60	NP	NP	—	—	—	5.78	NP	Sheen	3.55	NP	NP	3.30	NP	NP
04/26/10	10.7	NP	NP	5.04	NP	NP	—	—	—	6.29	6.28	0.01	5.76	NP	NP	5.05	NP	NP
07/22/10	11.44	NP	NP	5.83	NP	NP	—	—	—	10.02	NP	Sheen	6.74	NP	NP	5.37	NP	Sheen
10/20/10	11.68	NP	NP	5.90	NP	NP	—	—	—	6.78	NP	Sheen	6.20	NP	Sheen	5.45	NP	Sheen
12/12/10	10.79	NP	NP	4.45	NP	NP	—	—	—	5.97	NP	<0.01	5.27	NP	NP	4.62	NP	Sheen
04/08/11	9.97	NP	NP	4.62	NP	NP	—	—	—	5.72	5.71	0.01	5.22	NP	NP	4.82	NP	NP
07/28/11	11.08	NP	NP	5.71	NP	NP	—	—	—	6.90	6.89	0.01	6.22	NP	NP	5.38	NP	NP
09/21/11	11.75	NP	NP	6.19	NP	NP	—	—	—	7.06	7.05	0.01	6.55	NP	NP	5.78	NP	Sheen
03/26/12	—	—	—	4.68	NP	NP	—	—	—	6.09	5.76	0.33	5.08	NP	NP	4.19	NP	Sheen
06/12/12	11.20	NP	NP	5.24	NP	NP	—	—	—	7.25	6.38	0.87	5.86	NP	NP	4.69	NP	Sheen
09/27/12	—	—	—	8.39	NP	NP	—	—	—	7.29	6.98	0.31	6.73	NP	NP	5.47	NP	Sheen
11/27/12	10.81	NP	NP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12/20/12	—	—	—	2.15	NP	NP	—	—	—	5.40	4.72	0.68	1.97	NP	NP	0.00	NP	NP
02/22/13	10.81	NP	NP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
03/29/13	—	—	—	—	—	—	—	—	—	6.53	6.44	0.09	5.97	NP	Sheen	4.90	NP	Sheen
05/16/13	11.30	NP	NP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
06/28/13	—	—	—	4.98	NP	NP	—	—	—	6.35	6.33	0.02	5.68	NP	NP	4.42	NP	Sheen
09/06/13	11.77	NP	NP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
09/11/13	—	—	—	5.67	NP	Sheen	—	—	—	6.63	NP	NP	—	—	—	5.32	4.82	0.50
09/12/13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.52	5.03	0.49
10/30/13	—	—	—	5.97	NP	NP	—	—	—	7.08	6.96	0.12	6.43	NP	NP	5.29	5.28	0.01
11/07/13	11.73	NP	NP	5.51	NP	NP	—	—	—	6.44	6.41	0.03	5.68	NP	NP	5.54	5.51	0.03
01/16/14	—	—	—	5.46	NP	NP	5.46	5.51	0.05	6.48	6.36	0.12	5.51	NP	NP	5.47	5.43	0.04
02/27/14	—	—	—	4.72	NP	NP	6.04	NP	Sheen	6.79	6.12	0.67	5.01	NP	NP	6.12	NP	Sheen
03/25/14	—	—	—	4.91	NP	NP	5.90	NP	NP	6.96	5.84	1.12	5.38	NP	NP	6.30	NP	NP
04/22/14	10.78	NP	NP	4.98	NP	NP	5.89	NP	NP	6.32	5.98	0.34	5.33	NP	NP	5.85	NP	Sheen
06/10/14	—	—	—	5.62	NP	Sheen	8.31	NP	NP	7.08	6.85	0.23	6.02	NP	NP	—	NP	NP
07/24/14	—	—	—	5.50	NP	NP	6.91	NP	NP	6.64	6.56	0.08	6.85	NP	NP	6.06	NP	Sheen
08/28/14	—	—	—	5.73	NP	NP	6.79	NP	NP	6.72	6.65	0.07	6.06	NP	NP	6.23	NP	NP
09/23/14	—	—	—	5.76	NP	NP	5.73	NP	NP	6.65	6.55	0.10	5.96	NP	NP	6.08	NP	NP
10/22/14	—	—	—	4.82	NP	NP	4.91	NP	NP	5.87	NP	NP	4.96	NP	NP	4.13	NP	Sheen
11/05/14	11.04	NP	NP	4.50	NP	NP	6.60	NP	NP	6.45	5.90	0.55	4.70	NP	NP	5.12	NP	NP
12/18/14	—	—	—	4.28	NP	NP	5.77	NP	NP	5.49	5.26	0.23	4.50	NP	NP	4.89	NP	NP
01/27/15	—	—	—	4.52	NP	NP	4.88	NP	NP	6.15	5.60	0.55	4.82	NP	NP	5.38	NP	NP
02/26/15	—	—	—	4.92	NP	NP	5.54	NP	NP	6.69	5.88	0.81	5.38	NP	NP	5.59	NP	NP
03/11/15	10.75	NP	NP	5.29	NP	NP	5.55	NP	NP	6.56	6.15	0.41	5.52	NP	NP	5.45	NP	Sheen
04/21/15	—	—	—	5.08	NP	NP	—	—	—	6.44	6.36	0.08	5.50	NP	NP	5.85	NP	NP
05/19/15	11.21	NP	NP	5.31	NP	NP	8.60	NP	NP	6.50	6.49	0.01	5.71	NP	NP	5.67	NP	NP
06/11/15	—	—	—	5.34	NP	NP	—	—	—	6.48	NP	NP	5.70	NP	NP	5.46	NP	NP
07/29/15	11.59	NP	NP	5.81	NP	NP	—	—	—	6.73	NP	NP	6.10	NP	NP	5.85	NP	NP
08/25/15	—	—	—	5.95	NP	NP	—	—	—	6.23	NP	NP	6.17	NP	NP	6.82	NP	NP
09/24/15	—	—	—	5.72	NP	NP	—	—	—	6.60	NP	NP	5.72	NP	NP	6.33	NP	NP
10/15/15	—	—	—	5.35	NP	NP	—	—	—	6.30	NP	NP	5.30	NP	NP	5.82	NP	NP
11/20/15	—	—	—	4.37	NP	NP	—	—	—	6.47	5.67	0.80	4.78	NP	NP	5.51	NP	NP
12/09/15	9.91	NP	NP	2.55	NP	NP	—	—	—	4.45	4.45	Trace	2.80	NP	NP	3.61	NP	NP
02/23/16	—	—	—	4.18	NP	NP	—	—	—	5.82	5.23	0.59	4.45	NP	NP	4.38	NP	Odor

Table 4

Performance Product Monitoring Data
Shell Harbor Island Terminal
Seattle, Washington

Date	MW-204			MW-208			MW-209			MW-210			MW-211			MW-212		
	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness
04/22/16	—	—	—	4.90	NP	NP	—	—	—	5.96	5.83	0.13	4.67	NP	NP	5.37	NP	NP
05/03/16	—	—	—	5.27	NP	NP	—	—	—	6.42	6.19	0.23	5.63	NP	NP	6.00	NP	NP
06/02/16	—	—	—	5.34	NP	NP	—	—	—	6.44	6.44	Odor	5.77	NP	NP	6.18	NP	NP
07/14/16	—	—	—	5.58	NP	NP	—	—	—	6.67	NP	NP	6.02	NP	NP	6.27	NP	NP
08/18/16	—	—	—	5.80	NP	NP	—	—	—	6.78	6.78	Odor	6.16	NP	NP	6.44	NP	NP
09/08/16	—	—	—	5.88	NP	NP	—	—	—	6.78	6.78	Odor	6.22	NP	NP	6.55	NP	NP
10/21/16	—	—	—	5.40	NP	NP	—	—	—	6.32	Trace	Trace	6.01	NP	NP	6.10	NP	NP
11/17/16	—	—	—	3.67	NP	NP	—	—	—	5.43	4.49	0.94	3.86	NP	NP	4.68	NP	NP
12/01/16	—	—	—	3.93	NP	NP	—	—	—	6.00	4.94	1.06	4.14	NP	NP	4.88	NP	NP
12/14/16	10.34	NP	NP	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
01/11/17	—	—	—	2.83	NP	NP	—	—	—	5.38	5.34	0.04	3.18	NP	NP	3.88	NP	Sheen
02/14/17	—	—	—	3.81	NP	NP	—	—	—	5.69	4.75	0.94	4.02	NP	NP	4.79	NP	NP
03/13/17	9.83	NP	NP	4.04	NP	NP	—	—	—	5.98	5.17	0.81	4.27	NP	NP	4.98	NP	NP
04/13/17	—	—	—	3.78	NP	NP	—	—	—	6.42	5.03	1.39	4.02	NP	NP	5.02	NP	NP
05/08/17	—	—	—	4.78	NP	NP	—	—	—	6.74	5.83	0.91	5.32	NP	NP	5.31	NP	NP
06/13/17	—	—	—	5.00	NP	NP	—	—	—	6.18	5.98	0.20	5.36	NP	NP	5.60	NP	NP
07/18/17	—	—	—	5.32	NP	NP	—	—	—	6.47	6.43	0.04	5.78	NP	NP	5.83	NP	NP
08/22/17	11.34	NP	NP	5.32	NP	NP	—	—	—	6.42	NP	NP	5.76	NP	NP	5.92	NP	NP
09/13/17	—	—	—	5.68	NP	NP	—	—	—	6.60	NP	NP	—	—	—	6.21	NP	NP
10/31/17	—	—	—	5.58	NP	NP	—	—	—	6.64	NP	NP	—	—	—	6.17	NP	NP
11/13/17	—	—	—	4.67	NP	NP	—	—	—	6.08	NP	NP	—	—	—	4.98	NP	NP
12/04/17	10.84	NP	NP	4.15	NP	NP	—	—	—	6.05	5.53	0.52	—	—	—	5.38	NP	NP
01/24/18	—	—	—	3.55	NP	NP	—	—	—	5.34	4.95	0.39	3.78	NP	NP	4.16	NP	NP
02/15/18	—	—	—	4.68	NP	NP	—	—	—	6.65	5.64	1.01	4.40	NP	NP	5.42	NP	NP
03/06/18	10.55	NP	NP	4.57	NP	NP	—	—	—	6.19	5.80	0.39	5.03	NP	NP	5.46	NP	NP
04/12/18	—	—	—	4.72	NP	NP	—	—	—	4.96	4.87	0.09	5.68	NP	NP	5.37	NP	NP
05/02/18	—	—	—	4.85	NP	NP	—	—	—	6.22	5.80	0.42	5.17	NP	NP	5.54	NP	NP
06/12/18	11.04	NP	NP	5.25	NP	NP	—	—	—	6.50	6.47	0.03	5.73	NP	NP	6.06	NP	NP
07/12/18	—	—	—	5.24	NP	NP	—	—	—	6.40	6.39	0.01	6.70	NP	NP	5.94	NP	NP
08/23/18	—	—	—	5.57	NP	NP	—	—	—	6.56	6.55	0.01	5.97	NP	NP	6.08	NP	NP
09/05/18	8.20	NP	NP	5.75	NP	NP	—	—	—	6.74	NP	NP	6.16	NP	NP	6.35	NP	NP
10/11/18	—	—	—	5.18	NP	NP	—	—	—	6.32	NP	NP	5.50	NP	NP	5.83	NP	NP
11/07/18	—	—	—	5.01	NP	NP	—	—	—	6.33	NP	NP	5.56	NP	NP	5.66	NP	NP
12/17/18	11.10	NP	NP	4.13	NP	NP	—	—	—	5.31	NP	NP	4.14	NP	NP	4.43	NP	NP
01/16/19	—	—	—	4.48	NP	NP	—	—	—	6.07	5.35	0.72	4.30	NP	NP	5.56	NP	NP
02/20/19	—	—	—	3.98	NP	NP	—	—	—	6.45	5.02	1.43	4.22	NP	NP	4.32	NP	NP
03/18/19	10.51	NP	NP	4.95	4.94	0.01	—	—	—	6.67	5.96	0.71	5.34	NP	NP	6.12	NP	NP
04/10/19	—	—	—	4.66	NP	NP	—	—	—	5.24	NP	NP	4.98	NP	NP	5.78	5.75	0.03
05/15/19	—	—	—	4.19	NP	NP	—	—	—	7.05	6.22	0.83	5.38	NP	NP	6.13	6.10	0.03
06/26/19	—	—	—	5.47	NP	NP	—	—	—	6.58	6.56	0.02	6.88	NP	NP	6.11	NP	NP
07/24/19	—	—	—	5.43	NP	NP	—	—	—	6.59	6.58	0.01	5.88	NP	NP	5.96	NP	NP
08/13/19	—	—	—	5.45	NP	NP	—	—	—	6.58	6.57	0.01	5.72	NP	NP	6.02	NP	NP
09/17/19	11.65	NP	NP	5.23	NP	NP	—	—	—	6.18	6.13	0.05	5.54	NP	NP	6.28	6.25	0.03
10/16/19	—	—	—	5.61	NP	NP	—	—	—	6.47	6.45	0.02	5.77	NP	NP	6.36	NP	NP
11/05/19	—	—	—	5.62	NP	NP	—	—	—	6.78	6.68	0.10	6.01	NP	NP	6.51	NP	NP
12/09/19	11.54	NP	NP	5.08	NP	NP	—	—	—	6.27	NP	NP	5.54	NP	NP	6.14	NP	NP
01/28/20	—	—	—	3.05	NP	NP	—	—	—	4.13	4.06	0.07	3.12	NP	NP	2.03	NP	NP
02/26/20	—	—	—	4.81	NP	NP	—	—	—	6.71	5.78	0.93	5.19	NP	NP	4.97	NP	Sheen
04/27/20	10.94	NP	NP	5.18	NP	NP	—	—	—	6.43	6.23	0.20	5.47	NP	NP	5.29	NP	NP
06/16/20	—	—	—	5.25	NP	NP	—	—	—	5.69	5.56	0.13	5.72	NP	NP	6.25	NP	NP
06/29/20	11.26	NP	NP	5.08	NP	NP	—	—	—	6.58	6.50	0.08	5.78	NP	NP	5.85	NP	NP
07/29/20	—	—	—	5.20	NP	NP	—	—	—	6.43	6.42	0.01	5.67	NP	NP	6.31	NP	NP
08/27/20	—	—	—	5.41	NP	NP	—	—	—	6.71	6.70	0.01	5.85	NP	NP	6.15	NP	NP
09/21/20	11.59	NP	NP	5.09	NP	NP	—	—	—	6.35	NP	NP	5.45	NP	NP	6.23	NP	NP
10/29/20	—	—	—	5.58	NP	NP	—	—	—	6.87	6.50	0.37	5.99	NP	NP	6.23	NP	NP
11/30/20	—	—	—	4.82	NP	NP	—	—	—	6.23	5.78	0.45	5.11	NP	NP	5.10	NP	NP

Table 4

Performance Product Monitoring Data
Shell Harbor Island Terminal
Seattle, Washington

Date	MW-204			MW-208			MW-209			MW-210			MW-211			MW-212		
	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness
12/14/20	11.22	NP	NP	4.75	NP	NP	—	—	—	6.05	5.91	0.14	5.28	NP	NP	5.83	NP	NP
01/21/21	—	—	—	4.27	NP	NP	—	—	—	6.96	4.9	2.06	4.82	NP	NP	5.63	NP	NP
02/16/21	—	—	—	3.69	NP	NP	—	—	—	5.83	4.92	0.91	4.18	NP	NP	4.25	NP	NP
03/23/21	—	—	—	4.53	NP	NP	—	—	—	6.57	6.11	0.46	5.37	NP	NP	5.74	NP	NP
04/12/21	—	—	—	5.28	NP	NP	—	—	—	6.42	6.32	0.10	5.65	NP	NP	6.31	NP	NP
05/12/21	—	—	—	5.54	NP	NP	—	—	—	6.61	6.57	0.04	5.86	NP	NP	6.21	NP	NP
06/14/21	—	—	—	4.97	NP	NP	—	—	—	6.15	NP	NP	5.24	NP	NP	5.62	NP	NP
07/15/21	—	—	—	5.31	NP	NP	—	—	—	6.36	6.32	0.04	5.60	NP	NP	6.01	NP	NP
08/18/21	—	—	—	5.52	NP	NP	—	—	—	6.60	NP	Sheen	5.90	NP	NP	6.16	NP	NP
09/22/21	11.65	NP	NP	5.46	NP	NP	—	—	—	6.50	NP	NP	5.70	NP	NP	6.10	NP	NP
10/21/21	—	—	—	5.32	NP	NP	—	—	—	6.36	NP	NP	5.50	NP	NP	6.05	NP	NP
11/23/21	—	—	—	4.28	NP	NP	—	—	—	6.20	5.38	0.82	4.42	NP	NP	5.19	NP	NP
12/14/21	10.42	NP	NP	3.99	NP	NP	—	—	—	5.12	NP	NP	4.39	NP	NP	4.79	NP	NP
01/25/22	—	—	—	4.34	NP	NP	—	—	—	6.34	5.45	0.89	4.85	NP	NP	5.67	NP	NP
02/28/22	—	—	—	4.59	NP	NP	—	—	—	6.31	NP	NP	4.51	NP	NP	2.86	NP	NP
03/28/22	—	—	—	4.63	NP	NP	—	—	—	5.92	NP	NP	5.00	NP	NP	5.98	NP	NP
04/18/22	—	—	—	5.08	NP	NP	—	—	—	6.18	NP	NP	5.28	NP	NP	5.98	NP	NP
04/18/22	—	—	—	5.08	NP	NP	—	—	—	6.18	6.15	0.03	5.28	NP	NP	5.98	NP	NP
05/23/22	—	—	—	4.81	NP	NP	—	—	—	6.50	6.29	0.21	5.28	NP	NP	5.70	NP	NP
06/27/22	11.18	NP	NP	5.02	NP	NP	—	—	—	6.21	6.06	0.15	5.28	NP	NP	5.90	NP	NP
07/20/22	—	—	—	5.03	NP	NP	—	—	—	6.24	NP	NP	5.42	NP	NP	5.85	NP	NP
08/23/22	—	—	—	5.55	NP	NP	—	—	—	6.62	6.60	0.02	5.94	NP	NP	6.19	NP	NP
09/19/22	—	—	—	5.58	NP	NP	—	—	—	6.99	NP	NP	5.93	NP	NP	6.19	NP	NP
12/12/22	—	—	—	4.21	NP	NP	—	—	—	5.15	NP	NP	4.39	NP	NP	4.70	NP	NP
01/26/23	—	—	—	4.41	NP	NP	—	—	—	6.12	5.65	0.47	4.58	NP	NP	5.59	NP	NP
02/23/23	—	—	—	4.11	NP	NP	—	—	—	5.79	NP	NP	4.45	NP	NP	5.07	NP	NP
03/27/23	—	—	—	4.34	NP	NP	—	—	—	6.53	6.70	0.17	5.35	NP	NP	5.61	NP	NP
04/13/23	—	—	—	4.44	NP	NP	—	—	—	5.68	5.62	0.06	4.66	NP	NP	5.17	NP	NP
05/16/23	—	—	—	4.63	NP	NP	—	—	—	6.27	6.07	0.20	5.21	NP	NP	5.70	NP	NP
06/12/23	—	—	—	4.88	NP	NP	—	—	—	6.90	NP	NP	5.35	NP	NP	5.65	NP	NP
07/20/23	—	—	—	5.32	NP	NP	—	—	—	6.32	6.27	0.05	5.60	NP	NP	6.01	NP	NP
08/17/23	—	—	—	5.37	NP	NP	—	—	—	6.42	6.41	0.01	5.50	NP	NP	5.99	NP	NP
09/11/23	—	—	—	5.62	NP	NP	—	—	—	6.81	NP	NP	5.94	NP	NP	6.39	NP	NP
11/16/23	—	—	—	4.52	NP	NP	—	—	—	5.66	5.55	0.11	4.68	NP	NP	5.43	NP	NP
12/18/23	—	—	—	4.25	NP	NP	—	—	—	5.11	NP	NP	4.82	NP	NP	5.13	NP	NP
01/16/24	—	—	—	4.02	NP	NP	—	—	—	5.88	5.27	0.61	4.61	NP	NP	5.15	NP	NP
02/22/24	—	—	—	4.15	NP	NP	—	—	—	5.52	5.22	0.3	4.36	NP	NP	4.31	NP	NP
03/11/24	—	—	—	3.72	NP	NP	—	—	—	5.28	NP	NP	3.70	NP	NP	4.18	NP	NP
04/11/24	—	—	—	4.66	NP	NP	—	—	—	5.97	5.74	0.23	4.92	NP	NP	5.68	NP	NP
05/23/24	—	—	—	5.48	NP	NP	—	—	—	6.41	NP	NP	5.80	NP	NP	5.65	NP	NP
06/17/24	—	—	—	5.59	NP	NP	—	—	—	6.05	NP	NP	6.00	NP	NP	6.12	NP	NP
07/11/24	—	—	—	5.48	NP	NP	—	—	—	6.67	NP	NP	5.75	NP	NP	6.17	NP	NP
08/15/24	—	—	—	5.78	NP	NP	—	—	—	6.72	NP	NP	6.17	NP	NP	6.44	NP	NP
09/18/24	—	—	—	5.56	NP	NP	—	—	—	6.76	NP	NP	5.75	NP	NP	6.43	NP	NP
10/10/24	—	—	—	5.91	NP	NP	—	—	—	6.83	NP	NP	6.24	NP	NP	6.35	NP	NP
11/14/24	—	—	—	4.11	NP	NP	—	—	—	5.97	NP	NP	4.45	NP	NP	3.29	NP	NP
12/16/24	—	—	—	3.57	NP	NP	—	—	—	5.98	NP	NP	3.74	NP	NP	3.44	NP	NP
01/16/25	—	—	—	4.50	NP	NP	—	—	—	5.98	5.68	0.30	4.86	NP	NP	5.54	NP	NP
02/20/25	—	—	—	4.99	NP	NP	—	—	—	6.29	6.11	0.18	5.43	NP	NP	5.55	NP	NP
03/24/25	—	—	—	4.50	NP	NP	—	—	—	6.44	6.04	0.40	4.83	NP	NP	5.16	NP	NP
04/22/25	—	—	—	4.93	NP	NP	—	—	—	6.58	5.94	0.64	5.42	NP	NP	5.38	NP	NP
05/21/25	—	—	—	5.25	NP	NP	—	—	—	6.39	6.31	0.08	5.67	NP	NP	5.87	NP	NP
06/24/25	—	—	—	5.33	NP	NP	—	—	—	6.59	NP	NP	5.76	NP	NP	6.20	NP	NP

Table 4
Performance Product Monitoring Data
Shell Harbor Island Terminal
Seattle, Washington

Date	MW-204			MW-208			MW-209			MW-210			MW-211			MW-212		
	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness	Groundwater Depth	Depth	Thickness

Notes:

= Indicates data collected during this progress report period

Depth relative to the measuring point at the top of the monitoring well PVC pipe

Product depth/thick = product depth/thickness in well measured in feet

— = not measured

NP = no product detected

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-05	05/04/16	14.30	357	3.38	6.26	31.6	9.99	--	--	--	--	--	--	--
MW-05	12/14/16	12.22	308	5.94	6.45	47.0	0	--	--	--	--	--	--	--
MW-05	06/14/17	14.80	249	1.70	6.37	25.4	5.13	--	--	--	--	--	--	--
MW-05	12/07/17	15.16	263	791.21	6.73	-165.1	8.37	--	--	--	--	--	--	--
MW-05	06/12/18	15.66	211	1.47	6.35	-44.7	6.88	--	--	--	--	--	--	--
MW-05	12/18/18	15.00	299	1.73	7.28	-23.6	80	--	--	--	--	--	--	--
MW-05	05/15/19	15.30	294	0.85	6.92	18.3	45	--	--	--	--	--	--	--
MW-05	12/10/19	14.31	300	4.76	5.91	32.8	16	--	--	--	--	--	--	--
MW-05	06/29/20	14.70	289	0.31	6.74	198.9	11	--	--	--	--	--	--	--
MW-05	12/14/20	13.95	292	0.71	8.25	148.9	16	--	--	--	--	--	--	--
MW-05	06/15/21	9.16	276	0.99	6.77	29.8	22	--	--	--	--	--	--	--
MW-05	12/15/21	13.50	241	0.57	10.40	-83.3	21	--	--	--	--	--	--	--
MW-05	04/18/22	12.06	356	0.14	7.87	77.8	13	--	--	--	--	--	--	--
MW-05	06/29/22	15.00	351	0.71	6.21	36.9	34	--	--	--	--	--	--	--
MW-05	12/14/22	13.77	375	0.21	7.81	220.9	3	--	--	--	--	--	--	--
MW-05	06/13/23	15.41	302	3.11	7.25	-48.5	21	--	--	--	--	--	--	--
MW-05	12/18/23	14.82	245	0.32	6.41	-53.4	14	--	--	--	--	--	--	--
MW-05	06/17/24	15.66	85	6.03	6.79	79.0	35	--	--	--	--	--	--	--
MW-05	12/18/24	14.88	88	2.60	6.69	62.6	11	--	--	--	--	--	--	--
MW-05	06/23/25	17.15	300	1.90	7.53	-53.1	20	--	--	--	--	--	--	--
MW-101	12/13/16	8.35	244	1.67	6.81	-75	0	--	--	--	--	--	--	--
MW-101	12/06/17	10.99	103	0.32	6.75	-12.3	9	--	--	--	--	--	--	--
MW-101	12/19/18	12.50	239	1.38	7.39	-74.6	11	--	--	--	--	--	--	--
MW-101	12/09/19	13.13	207	3.59	6.49	-69.6	44	--	--	--	--	--	--	--
MW-101	12/16/20	12.73	243	0.25	7.67	118.4	48	--	--	--	--	--	--	--
MW-101	12/14/21	11.50	314	0.59	6.79	124.0	25	--	--	--	--	--	--	--
MW-101	12/12/22	11.79	278	0.40	6.75	130.7	5	--	--	--	--	--	--	--
MW-101	12/19/23	13.49	242	3.87	6.79	-116.6	18	--	--	--	--	--	--	--
MW-101	12/16/24	12.39	321	3.04	6.34	401.2	>1,000	--	--	--	--	--	--	--
MW-102	12/14/16	9.44	438	1.96	6.77	32	0	--	--	--	--	--	--	--
MW-102	12/05/17	11.76	310	1.14	6.43	106.3	9.6	--	--	--	--	--	--	--
MW-102	12/18/18	14.20	415	1.51	7.49	-35.9	12	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-102	12/10/19	13.55	410	3.43	6.16	59.4	27	--	--	--	--	--	--	--
MW-102	12/16/20	13.66	477	0.41	7.72	117.6	30	--	--	--	--	--	--	--
MW-102	12/16/21	12.20	295	0.77	8.10	73.9	11	--	--	--	--	--	--	--
MW-102	12/12/22	12.27	346	0.55	6.54	-46.3	83	--	--	--	--	--	--	--
MW-102	12/18/23	13.18	373	0.46	6.54	-11.7	19	--	--	--	--	--	--	--
MW-102	12/16/24	14.12	416	2.51	7.36	51.1	11	--	--	--	--	--	--	--
MW-104	05/05/16	17.11	420	0.65	6.19	-105.1	4.31	--	--	--	--	--	--	--
MW-104	12/14/16	10.90	340	1.76	6.49	-70	0	--	--	--	--	--	--	--
MW-104	06/14/17	17.09	323	0.82	7.09	-39.3	2.61	--	--	--	--	--	--	--
MW-104	12/07/17	15.60	349	0.61	6.65	-4	0	--	--	--	--	--	--	--
MW-104	06/12/18	19.32	180	0.54	6.24	-44	2.52	--	--	--	--	--	--	--
MW-104	12/18/18	15.80	331	1.34	7.35	-41.6	10	--	--	--	--	--	--	--
MW-104	05/15/19	17.80	258	0.78	6.60	-74.9	6	--	--	--	--	--	--	--
MW-104	12/10/19	15.35	345	2.66	5.40	74.8	36	--	--	--	--	--	--	--
MW-104	06/29/20	17.60	395	0.24	6.73	198.9	9	--	--	--	--	--	--	--
MW-104	12/14/20	16.19	412	0.34	7.75	172.1	13	--	--	--	--	--	--	--
MW-104	06/15/21	11.03	309	1.74	7.20	58.9	6	--	--	--	--	--	--	--
MW-104	12/15/21	14.40	275	0.15	10.06	-115.0	9	--	--	--	--	--	--	--
MW-104	04/18/22	13.97	297	0.11	8.15	62.0	27	--	--	--	--	--	--	--
MW-104	06/29/22	17.00	314	0.52	6.35	-38.2	13	--	--	--	--	--	--	--
MW-104	12/14/22	15.42	368	0.13	7.74	216.3	2	--	--	--	--	--	--	--
MW-104	06/13/23	16.72	389	5.77	7.12	-17.6	24	--	--	--	--	--	--	--
MW-104	12/19/23	15.13	263	0.73	6.27	66.3	23	--	--	--	--	--	--	--
MW-104	06/19/24	18.21	329	0.21	5.89	-1.8	24	--	--	--	--	--	--	--
MW-104	12/18/24	15.72	42	2.43	6.95	51.1	16	--	--	--	--	--	--	--
MW-104	06/23/25	19.66	262	1.16	6.38	2.3	24	--	--	--	--	--	--	--
MW-105	12/14/16	14.63	160	0.32	6.14	-58.1	8.67	--	--	--	--	--	--	--
MW-105	12/06/17	13.11	136	1.37	6.12	-26.4	0	--	--	--	--	--	--	--
MW-105	12/18/18	15.50	93	1.01	7.21	-33.7	49	--	--	--	--	--	--	--
MW-105	12/11/19	15.53	166	0.48	7.31	-17.2	25	--	--	--	--	--	--	--
MW-105	12/14/20	14.90	289	0.50	7.83	155.6	27	--	--	--	--	--	--	--
MW-105	12/15/21	13.00	170	0.13	9.91	-101.9	15	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-105	12/14/22	13.20	234	0.18	7.80	221.3	15	--	--	--	--	--	--	--
MW-105	12/18/23	15.30	177	0.58	6.47	-80.5	23	--	--	--	--	--	--	--
MW-105	12/17/24	11.51	36	2.95	7.50	53.1	14	--	--	--	--	--	--	--
MW-111	05/04/16	15.20	148	3.67	6.29	4.6	23.2	--	--	--	--	--	--	--
MW-111	12/14/16	13.40	295	0.35	6.45	-87.3	6.48	--	--	--	--	--	--	--
MW-111	06/14/17	16.60	112	1.12	7.08	1	8.2	--	--	--	--	--	--	--
MW-111	12/06/17	15.03	386	10.65	6.42	-51.3	5.13	--	--	--	--	--	--	--
MW-111	06/12/18	17.56	118	0.73	6.22	-46.2	4.01	--	--	--	--	--	--	--
MW-111	12/18/18	15.00	417	1.25	7.76	-46.6	20	--	--	--	--	--	--	--
MW-111	05/15/19	16.10	147	0.75	7.57	-55.6	14	--	--	--	--	--	--	--
MW-111	12/11/19	15.42	280	0.40	7.54	-13.1	6	--	--	--	--	--	--	--
MW-111	06/29/20	19.00	116	0.55	6.75	206.5	9	--	--	--	--	--	--	--
MW-111	12/14/20	15.93	242	0.28	7.61	169.8	16	--	--	--	--	--	--	--
MW-111	06/15/21	10.31	110	1.05	6.87	73.4	22	--	--	--	--	--	--	--
MW-111	12/15/21	14.90	238	0.18	9.85	-72.1	6	--	--	--	--	--	--	--
MW-111	04/18/22	12.31	139	0.09	8.15	62.3	44	--	--	--	--	--	--	--
MW-111	06/27/22	18.40	119	0.62	6.21	11.8	34	--	--	--	--	--	--	--
MW-111	12/14/22	12.94	220	0.15	7.43	190.3	3	--	--	--	--	--	--	--
MW-111	06/13/23	16.30	130	1.49	7.24	-61.7	20	--	--	--	--	--	--	--
MW-111	12/19/23	15.09	360	0.07	6.17	37.5	28	--	--	--	--	--	--	--
MW-111	06/17/24	17.21	107	2.65	6.51	69.8	27	--	--	--	--	--	--	--
MW-111	12/18/24	14.53	223	2.47	6.82	51.3	17	--	--	--	--	--	--	--
MW-111	06/23/25	18.27	154	1.19	6.18	55.9	16	--	--	--	--	--	--	--
MW-112A	05/05/16	14.28	448	0.87	6.41	-87	4.41	--	--	--	--	--	--	--
MW-112A	12/12/16	13.70	401	0.67	6.51	-87.1	9.78	--	--	--	--	--	--	--
MW-112A	06/15/17	15.75	498	0.60	7.26	-62.6	--	--	--	--	--	--	--	--
MW-112A	12/07/17	13.97	359	0.82	6.50	-27.9	0	--	--	--	--	--	--	--
MW-112A	06/13/18	16.28	517	0.26	6.51	-56.1	0	--	--	--	--	--	--	--
MW-112A	12/20/18	14.00	495	0.12	6.75	-101	128	--	--	--	--	--	--	--
MW-112A	05/16/19	10.91	529	0.52	6.27	-104	77	--	--	--	--	--	--	--
MW-112A	12/12/19	13.87	620	0.50	8.90	-80.8	12	--	--	--	--	--	--	--
MW-112A	06/29/20	15.70	430	0.32	6.76	189.1	16	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-112A	12/14/20	14.67	399	0.18	7.77	123.7	5	--	--	--	--	--	--	--
MW-112A	06/15/21	9.58	338	0.89	6.56	31.4	4	--	--	--	--	--	--	--
MW-112A	12/15/21	14.40	243	0.19	9.95	-85.8	12	--	--	--	--	--	--	--
MW-112A	04/18/22	11.44	305	0.09	8.24	56.9	18	--	--	--	--	--	--	--
MW-112A	06/28/22	16.20	272	0.52	6.27	-37.2	14	--	--	--	--	--	--	--
MW-112A	12/13/22	12.79	254	0.10	6.38	-36.0	25	--	--	--	--	--	--	--
MW-112A	06/13/23	14.94	374	1.95	7.37	-62.5	16	--	--	--	--	--	--	--
MW-112A	12/19/23	10.57	363	0.89	6.16	22.1	17	--	--	--	--	--	--	--
MW-112A	06/18/24	16.42	396	0.18	6.20	204.1	17	--	--	--	--	--	--	--
MW-112A	12/17/24	8.29	379	2.85	6.71	565	25	--	--	--	--	--	--	--
MW-112A	06/24/25	17.87	440	0.27	6.96	-73.8	23	--	--	--	--	--	--	--
MW-113	06/27/22	15.40	284	0.54	6.28	-38.4	37	--	--	--	--	--	--	--
MW-113	12/14/22	12.47	265	0.21	7.60	209.5	8	--	--	--	--	--	--	--
MW-113	06/13/23	13.60	265	1.99	7.28	-26.7	17	--	--	--	--	--	--	--
MW-113	12/19/23	13.70	228	0.26	6.45	-10.1	13	--	--	--	--	--	--	--
MW-113	06/17/24	14.63	270	0.11	6.47	210.6	18	--	--	--	--	--	--	--
MW-113	12/17/24	13.08	213	2.57	7.16	44.9	1	--	--	--	--	--	--	--
MW-113	06/24/25	15.38	259	0.13	7.17	-59.7	16	--	--	--	--	--	--	--
MW-114	06/27/22	15.40	139	1.32	6.16	53.6	33	--	--	--	--	--	--	--
MW-114	12/14/22	12.68	216	0.30	7.77	222.2	30	--	--	--	--	--	--	--
MW-114	06/13/23	13.76	148	4.47	7.40	-49.0	50	--	--	--	--	--	--	--
MW-114	12/19/23	13.83	126	0.92	6.29	60.2	36	--	--	--	--	--	--	--
MW-114	06/17/24	14.69	135	2.37	7.16	223.8	42	--	--	--	--	--	--	--
MW-114	12/17/24	13.61	180	1.86	6.56	231.7	19	--	--	--	--	--	--	--
MW-114	06/24/25	15.33	185	0.94	6.35	86.1	22	--	--	--	--	--	--	--
MW-115	06/27/22	16.90	248	0.51	6.11	-33.7	46	--	--	--	--	--	--	--
MW-115	12/14/22	13.69	208	0.18	7.80	224.1	5	--	--	--	--	--	--	--
MW-115	06/13/23	14.66	276	1.82	7.33	-60.0	17	--	--	--	--	--	--	--
MW-115	12/19/23	13.88	290	0.62	6.19	6.3	15	--	--	--	--	--	--	--
MW-115	06/17/24	15.95	274	0.13	8.07	204.2	39	--	--	--	--	--	--	--
MW-115	12/17/24	13.69	204	1.86	6.40	246.4	2	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-115	06/24/25	16.72	291	0.14	6.86	-5.9	20	--	--	--	--	--	--	--
MW-201	01/14/04	12.00	282	1.98	5.59	-95.5	1.5	--	--	--	--	--	--	--
MW-201	04/20/04	11.40	101	5.52	5.00	61.3	7	ND	--	--	--	5.71	--	--
MW-201	01/26/05	9.00	720	9.12	5.48	129	9	--	--	--	--	--	--	--
MW-201	04/20/05	11.90	700	6.24	6.66	83	8	0	--	--	--	7.67	--	--
MW-201	07/13/05	15.40	99	0.16	5.64	178.1	1.9	--	--	--	--	--	--	--
MW-201	10/20/05	14.10	535	0.42	7.21	49.2	3.9	--	--	--	--	--	--	--
MW-201	01/26/06	8.30	24	7.47	7.02	-72.5	4	--	--	--	--	--	--	--
MW-201	11/20/08	9.30	172	14.08	6.12	268	38.2	--	--	--	--	--	--	--
MW-201	04/07/09	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-201	11/19/09	10.60	13.2	7.79	5.21	61	6.5	--	--	--	--	--	--	--
MW-201	10/27/10	12.70	15.2	6.92	4.79	157	0.5	--	--	--	--	--	--	--
MW-201	10/26/11	11.53	655	2.77	7.59	-76	5.9	--	--	--	--	--	--	--
MW-201	11/27/12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-201	11/06/13	11.78	800	0	6.68	-74	0	--	--	--	--	--	--	--
MW-201	11/06/14	14.10	121	0	6.08	297	3.3	--	--	--	--	--	--	--
MW-201	12/13/16	8.12	47	3.58	6.13	142.3	9.27	--	--	--	--	--	--	--
MW-201	12/06/17	11.30	57	14.37	6.08	37.7	12.2	--	--	--	--	--	--	--
MW-201	12/19/18	12.60	387	0.65	6.81	-87.4	30	--	--	--	--	--	--	--
MW-201	12/16/20	11.99	116	0.79	6.75	145.8	120	--	--	--	--	--	--	--
MW-201	12/12/22	10.64	634	0.27	7.08	148.3	15	--	--	--	--	--	--	--
MW-201	12/18/23	11.19	51	11.03	6.27	97.2	31	--	--	--	--	--	--	--
MW-201	12/18/24	11.50	81	3.01	6.89	75.6	13	--	--	--	--	--	--	--
MW-202	01/14/04	8.00	52	12.4	5.32	-40.2	9.1	--	--	--	--	--	--	--
MW-202	04/20/04	12.10	317	1.31	5.27	112	9.8	3	--	--	--	< 1	--	--
MW-202	01/26/05	11.60	218	1.69	4.80	3	126	--	--	--	--	--	--	--
MW-202	04/20/05	12.60	44	0	7.78	-60	26	8	--	--	--	<1	--	--
MW-202	07/13/05	15.70	281	0.11	6.09	-22	6.3	--	--	--	--	--	--	--
MW-202	10/20/05	15.50	576	0.44	6.42	-47.9	5.5	--	--	--	--	--	--	--
MW-202	01/26/06	10.78	213	0.18	7.73	-104.7	70	--	--	--	--	--	--	--
MW-202	11/20/08	14.50	532	3.65	6.40	232	10.2	36.6	--	--	--	< 1	--	--
MW-202	04/07/09	11.86	0.175	0	6.12	-82	56.1	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-202	11/19/09	12.40	51.6	1.65	5.81	-53	29.5	19	--	--	--	82	--	--
MW-202	04/27/10	12.30	34	0.22	5.46	-96	55.4	--	--	--	--	--	--	--
MW-202	10/27/10	15.00	29.5	2.35	6.15	-48	24	7.4	--	--	--	< 1.0	--	--
MW-202	10/26/11	12.90	214	2.45	8.22	-104.2	2.72	8.5	--	--	--	< 0.50	--	--
MW-202	03/02/12	10.03	334	0	6.30	-39	27.2	--	--	--	--	--	--	--
MW-202	06/13/12	12.50	284	4.36	7.22	-59	25.7	--	--	--	--	--	--	--
MW-202	09/26/12	14.20	332	0	6.74	-112	25	--	--	--	--	--	--	--
MW-202	11/27/12	12.99	383	0	7.33	-70	77.7	--	--	--	--	15	--	--
MW-202	11/06/13	13.67	263	2.28	5.79	-43.6	4.9	3	--	--	--	0.76	< 0.200	0.439
MW-202	11/06/14	15.87	373	0	6.47	-49	107	5	< 0.25	< 0.25	--	7	0.288	0.631
MW-202	12/10/15	12.85	241	0.42	6.42	-21.3	98.6	1.5	< 0.10	< 0.10	--	11.6	24.2	0.628
MW-202	05/03/16	15.95	232	0.36	6.20	-45.6	16.9	--	--	--	--	--	--	--
MW-202	12/13/16	10.66	223	0.39	6.33	-102.4	9.52	0.5	< 0.0400	< 0.0400	--	1.24 J	45.3	0.401
MW-202	06/14/17	14.76	222	0.33	7.08	-145.6	9	--	--	--	--	--	--	--
MW-202	12/06/17	11.62	153	0.71	6.00	-49	4.5	2.75	< 0.0400	< 0.0400	--	28.6	11.2	0.45
MW-202	06/14/18	14.22	159	0.69	6.04	-2.9	9.87	--	--	--	--	--	--	--
MW-202	12/19/18	12.60	287	0.28	6.84	-87.4	22	14	< 0.0400	< 0.0400	--	58.4	17.9	0.649
MW-202	05/16/19	12.60	266	0.48	6.53	-91.9	71	--	--	--	--	--	--	--
MW-202	12/10/19	12.88	278	4.97	6.12	-10.2	50	3.5	< 0.0600	< 0.0600	--	8.61	28.3	0.543
MW-202	06/29/20	15.40	406	0.77	7.24	173.70	42	--	--	--	--	--	--	--
MW-202	12/16/20	12.44	272	0.20	7.36	111.10	88	1.20	< 0.200	< 0.400	--	9.44 J+	12.90	0.436
MW-202	06/14/21	8.10	254	1.50	6.63	170.6	34	--	--	--	--	--	--	--
MW-202	12/16/21	11.40	174	0.81	7.76	3.8	125	--	--	--	0.0685 J	4.00 J	0.32 J	0.532
MW-202	06/29/22	14.10	637	0.76	6.96	6.3	58	--	--	--	--	--	--	--
MW-202	12/12/22	10.49	430	0.20	7.21	154.0	52	1.0	--	--	< 0.100	100	0.122 J	0.868
MW-202	06/12/23	15.92	911	0.46	7.11	39.6	46	--	--	--	--	--	--	--
MW-202	12/18/23	12.52	532	0.95	5.97	-77.7	17	--	--	--	0.111 J	--	14.5	1.21
MW-202	06/18/24	16.42	327	0.17	6.11	162.5	15	--	--	--	--	--	--	--
MW-202	12/18/24	12.40	378	2.60	6.92	39.8	17	1.5	--	--	0.0521 J	24.6	2.25 B	0.509 B
MW-202	06/23/25	16.97	304	1.20	6.90	-56.8	19	--	--	--	--	--	--	--
MW-203	01/13/04	12.40	243	2.91	6.38	-6.9	13.7	--	--	--	--	--	--	--
MW-203	04/19/04	13.00	369	1.02	6.58	110	39.2	1	--	--	--	2.4	--	--
MW-203	07/27/04	16.40	514	1.12	6.11	90.9	32.2	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-203	10/18/04	14.80	643	0.35	9.42	136.8	110	--	--	--	--	--	--	--
MW-203	01/25/05	12.90	476	2.79	6.37	21	210	--	--	--	--	--	--	--
MW-203	04/19/05	12.80	44	0	6.22	0	5	5.5	--	--	--	6.48	--	--
MW-203	07/13/05	15.00	351	0.67	6.34	-46	15	--	--	--	--	--	--	--
MW-203	10/20/05	15.90	902	1.12	6.69	-48.7	34	--	--	--	--	--	--	--
MW-203	01/23/06	11.40	131	2.20	6.45	7.6	60	--	--	--	--	--	--	--
MW-203	11/18/08	13.90	448	10.3	7.11	87	190	1.35	--	--	--	17.1	--	--
MW-203	04/08/09	12.23	136	1.87	6.83	-31	338	--	--	--	--	--	--	--
MW-203	11/17/09	12.20	25.8	5.49	6.28	197	45.6	< 0.1	--	--	--	8.3	--	--
MW-203	04/26/10	12.70	40.9	0.30	6.81	-109	80.1	--	--	--	--	--	--	--
MW-203	10/25/10	14.10	43.8	1.58	6.10	-4	51.8	4.3	--	--	--	14	--	--
MW-203	05/23/11	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-203	10/26/11	13.98	384	2.94	8.40	-80.9	10.9	8.8	--	--	--	< 0.50	--	--
MW-203	06/13/12	12.80	375	4.27	7.20	-38	22.3	--	--	--	--	--	--	--
MW-203	11/27/12	14.83	250	0	6.61	22	41.7	--	--	--	--	24.4	--	--
MW-203	11/06/13	12.59	486	0.18	6.35	-51	0	3	--	--	--	< 0.50	3.68	0.178
MW-203	11/06/14	16.13	236	4.55	6.71	135.1	28.4	1.5	0.42 J	< 0.25	--	14.5	< 0.200	0.127
MW-203	12/09/15	12.51	0.407	0	6.05	-60	67.2	5	< 0.10	< 0.10	--	4.13	24	0.197
MW-203	05/04/16	12.93	266	4.91	6.42	-108	14.5	--	--	--	--	--	--	--
MW-203	12/13/16	10.46	221	0.73	6.25	-88	9.6	0.5	< 0.0400	< 0.0400	--	2.27	14.1	0.134
MW-203	06/14/17	15.02	203	0.23	6.09	-205.4	12.7	--	--	--	--	--	--	--
MW-203	12/08/17	11.65	274	1.60	6.30	43.8	0	1.25	< 0.0400	< 0.0400	--	21.6	3.32	0.166
MW-203	06/14/18	13.90	265	1.93	6.25	3.9	35.1	--	--	--	--	--	--	--
MW-203	12/20/18	12.80	357	0.78	7.41	-44.6	>1000	1.4	0.307	0.307	--	7.81	2.32	0.195
MW-203	05/16/19	10.89	353	1.89	5.52	-1	99	--	--	--	--	--	--	--
MW-203	12/10/19	12.77	441	4.84	5.30	0.5	41	3	<0.0600	<0.0600	--	1.34 J	20	0.207
MW-203	06/29/20	15.10	339	1.06	7.18	-9.10	10	--	--	--	--	--	--	--
MW-203	12/15/20	12.26	319	0.77	8.07	130.10	87	2.00	1.49	<0.400	--	35.80	<1.00	0.0182
MW-203	06/14/21	7.69	259	1.28	6.33	21.6	406	--	--	--	--	--	--	--
MW-203	12/16/21	11.60	193	0.21	8.30	16.1	16	--	--	--	0.195	16.9	<0.5	0.0505
MW-203	06/28/22	14.10	571	0.57	6.52	13.2	513	--	--	--	--	--	--	--
MW-203	12/14/22	11.74	469	0.23	6.93	174.7	5	1.4	--	--	0.0480	7.94	8.34	0.693
MW-203	06/12/23	16.23	436	1.62	6.41	113.4	61	--	--	--	--	--	--	--
MW-203	12/20/23	13.46	413	0.82	6.41	-40.2	37	1.5	--	--	0.0737 J	1.01 J	<0.5	<0.0100

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-203	06/18/24	14.60	291	0.06	6.05	-10.9	30	--	--	--	--	--	--	--
MW-203	12/16/24	12.74	374	2.61	6.31	325.2	198	6.5	--	--	0.118	6.86	5.57 B	0.252 B
MW-203	06/25/25	14.99	322	0.27	6.71	4.7	31	--	--	--	--	--	--	--
MW-204	12/13/16	10.72	173	0.99	5.84	21	4	--	--	--	--	--	--	--
MW-204	12/06/17	13.48	129	12.04	5.60	49.8	6.22	--	--	--	--	--	--	--
MW-204	12/19/18	12.90	218	0.33	6.98	-66.1	27	--	--	--	--	--	--	--
MW-204	12/10/19	13.47	340	1.83	6.01	-6	22	--	--	--	--	--	--	--
MW-204	12/16/20	13.41	347	1.00	6.27	190.10	70	--	--	--	--	--	--	--
MW-204	12/16/21	10.50	144	0.22	7.70	-17.2	25	--	--	--	--	--	--	--
MW-204	12/12/22	11.69	247	0.58	6.51	-76.1	26	--	--	--	--	--	--	--
MW-204	12/18/23	14.43	177	1.00	5.80	105.3	8	--	--	--	--	--	--	--
MW-204	12/16/24	13.95	315	1.88	6.09	296.2	11	--	--	--	--	--	--	--
MW-206A	12/12/16	11.31	482	0.68	6.60	-104.9	9.44	--	--	--	--	--	--	--
MW-206A	12/08/17	11.87	491	1.39	6.63	34	0	--	--	--	--	--	--	--
MW-206A	12/20/18	13.10	605	0.81	7.41	-52.3	70	--	--	--	--	--	--	--
MW-206A	12/10/19	13.08	617	2.28	6.07	-41.9	11	--	--	--	--	--	--	--
MW-206A	12/16/20	12.02	718	0.22	9.45	42.10	440	--	--	--	--	--	--	--
MW-206A	12/16/21	8.60	394	0.61	8.20	15.9	21	--	--	--	--	--	--	--
MW-206A	12/12/22	9.59	404	0.17	7.02	-68.2	96	--	--	--	--	--	--	--
MW-206A	12/18/23	13.15	499	0.36	7.23	-166.2	93	--	--	--	--	--	--	--
MW-206A	12/16/24	13.50	512	2.51	8.00	4.0	20	--	--	--	--	--	--	--
MW-213	05/03/16	14.65	12,440	0.13	8.26	-330	0	--	--	--	--	--	--	--
MW-213	12/13/16	9.57	18.7	5.52	8.28	-321	5.6	--	--	--	--	--	--	--
MW-213	06/14/17	15.37	10,550	0.23	7.03	-330.2	7.36	--	--	--	--	--	--	--
MW-213	12/07/17	12.43	13,640	0.55	8.14	-72.3	0	--	--	--	--	--	--	--
MW-213	06/12/18	14.43	8,410	0.91	7.65	-91.3	3.02	--	--	--	--	--	--	--
MW-213	12/19/18	12.80	11,390	0.82	7.57	-45.6	5	--	--	--	--	--	--	--
MW-213	05/16/19	14.80	11,641	1.84	7.50	79.5	2	--	--	--	--	--	--	--
MW-213	12/11/19	10.91	1,322	1.28	8.51	-112.7	16	--	--	--	--	--	--	--
MW-213	06/29/20	13.00	16,341	0.34	7.83	191.70	9	--	--	--	--	--	--	--
MW-213	12/16/20	12.38	17,924	0.08	7.99	53.20	0	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-213	06/14/21	7.18	17,427	0.47	7.89	113.6	3	--	--	--	--	--	--	--
MW-213	12/16/21	9.90	13,386	0.85	9.67	-101.5	5	--	--	--	--	--	--	--
MW-213	06/29/22	13.80	20,936	0.43	8.09	-313.6	25	--	--	--	--	--	--	--
MW-213	12/12/22	11.24	3,297	0.26	6.83	140.2	5	--	--	--	--	--	--	--
MW-213	06/12/23	15.16	9,167	0.11	7.32	-65.8	17	--	--	--	--	--	--	--
MW-213	12/18/23	12.67	1,843	0.50	8.12	-197.5	18	--	--	--	--	--	--	--
MW-213	06/19/24	17.91	18.23	0.69	7.51	67.1	16	--	--	--	--	--	--	--
MW-213	12/16/24	12.43	16.99	2.49	7.17	13.1	6	--	--	--	--	--	--	--
MW-213	06/24/25	19.61	17.38	0.11	8.69	-254.3	20	--	--	--	--	--	--	--
MW-214	05/03/16	14.91	10,960	0.44	8.16	-363	0	--	--	--	--	--	--	--
MW-214	12/14/16	10.50	312	7.24	6.98	39	0	--	--	--	--	--	--	--
MW-214	06/14/17	15.55	10,395	0.05	8.14	-358.6	0.85	--	--	--	--	--	--	--
MW-214	12/07/17	14.01	7,725	838.05	8.01	-355.1	3.11	--	--	--	--	--	--	--
MW-214	06/12/18	14.77	3,900	0.74	7.82	-90.5	0	--	--	--	--	--	--	--
MW-214	12/19/18	13.40	11,888	0.12	7.45	-101.6	29	--	--	--	--	--	--	--
MW-214	05/16/19	15.70	10,667	0.59	7.43	-62.3	3	--	--	--	--	--	--	--
MW-214	12/11/19	11.41	1,576	1.16	10.33	-211.5	9	--	--	--	--	--	--	--
MW-214	06/29/20	15.93	1,516	1.66	7.91	-152.70	12	--	--	--	--	--	--	--
MW-214	12/16/20	13.00	17,750	0.15	6.90	95.20	6	--	--	--	--	--	--	--
MW-214	06/14/21	8.21	2,117	1.49	7.47	78.3	2	--	--	--	--	--	--	--
MW-214	12/16/21	12.50	8,441	0.30	9.34	-172.8	5	--	--	--	--	--	--	--
MW-214	06/29/22	14.30	1,680	3.25	7.97	-189.6	13	--	--	--	--	--	--	--
MW-214	12/12/22	12.40	7,989	0.17	6.52	-50	10	--	--	--	--	--	--	--
MW-214	06/12/23	16.44	6,045	0.28	6.74	-115.2	1	--	--	--	--	--	--	--
MW-214	12/18/23	13.20	1,519	0.12	8.47	-185.7	25	--	--	--	--	--	--	--
MW-214	06/19/24	16.59	699	1.02	5.90	284.6	22	--	--	--	--	--	--	--
MW-214	12/16/24	12.22	702	2.91	9.11	64.7	4	--	--	--	--	--	--	--
MW-214	06/24/25	20.25	2,260	0.78	6.37	44.3	20	--	--	--	--	--	--	--
MW-301	02/22/16	12.32	449	0.34	6.50	-127.1	15.1	--	--	--	--	--	--	--
MW-301	05/02/16	17.58	257	0.29	6.60	-119.6	6.74	--	--	--	--	--	--	--
MW-301	08/29/16	18.76	183	1.96	6.86	5	0	--	--	--	--	--	--	--
MW-301	12/12/16	10.16	357	2.37	6.73	-140	0	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-301	03/13/17	11.62	355	0	6.72	-125	0	--	--	--	--	--	--	--
MW-301	06/13/17	15.60	192	0.37	6.59	-107.4	--	--	--	--	--	--	--	--
MW-301	08/22/17	20.23	187	0	7.32	-105	0	--	--	--	--	--	--	--
MW-301	12/08/17	14.93	151	1.20	6.89	-118.3	-11	--	--	--	--	--	--	--
MW-301	03/06/18	12.60	435	0.82	6.78	19.7	3.19	--	--	--	--	--	--	--
MW-301	06/13/18	16.70	521	0.21	6.61	-76.4	1.8	--	--	--	--	--	--	--
MW-301	09/06/18	18.95	651	0.16	6.57	-94.8	1.34	7	--	--	--	--	--	--
MW-301	12/20/18	15.10	836	0.12	6.53	-50	14	--	--	--	--	--	--	--
MW-301	03/19/19	13.40	930	1.02	7.52	-48.5	119	--	--	--	--	--	--	--
MW-301	05/16/19	12.30	693	0.71	6.11	-52	97	--	--	--	--	--	--	--
MW-301	09/17/19	15.31	373	0.87	6.70	-23.8	11	--	--	--	--	--	--	--
MW-301	12/11/19	14.25	755	10.14	7.15	55.9	64	--	--	--	--	--	--	--
MW-301	04/28/20	13.40	628	0.51	7.56	14.60	14	--	--	--	--	--	--	--
MW-301	06/29/20	20.47	572	0.66	6.50	-28.40	60	--	--	--	--	--	--	--
MW-301	09/21/20	19.20	699	0.37	6.29	20.80	12	--	--	--	--	--	--	--
MW-301	12/15/20	11.20	611	0.40	7.53	116.90	33	--	--	--	--	--	--	--
MW-301	04/13/21	10.60	347	2.26	6.01	35.3	76	--	--	--	--	--	--	--
MW-301	06/14/21	11.44	726	1.78	7.00	37.3	27	--	--	--	--	--	--	--
MW-301	09/22/21	18.21	615	1.43	6.54	-35.6	55	--	--	--	--	--	--	--
MW-301	12/16/21	10.17	502	0.14	6.60	82.3	112	--	--	--	--	--	--	--
MW-301	03/29/22	12.17	592	0.14	6.82	160.7	30	--	--	--	--	--	--	--
MW-301	06/27/22	15.90	601	0.44	6.45	-105.6	65	--	--	--	--	--	--	--
MW-301	09/21/22	16.48	402	0.90	6.40	335.6	42	--	--	--	--	--	--	--
MW-301	12/13/22	12.78	587	0.09	6.39	-31.4	80	--	--	--	--	--	--	--
MW-301	03/28/23	12.27	676	0.33	7.60	-63.1	18	--	--	--	--	--	--	--
MW-301	06/14/23	17.08	723	1.24	7.31	-79	16	--	--	--	--	--	--	--
MW-301	09/11/23	19.59	534	0.09	6.55	-176.6	10	--	--	--	--	--	--	--
MW-301	12/20/23	12.88	495	0.92	6.31	-38.6	39	--	--	--	--	--	--	--
MW-301	03/12/24	10.60	615	2.72	6.71	-40.9	25	--	--	--	--	--	--	--
MW-301	06/18/24	15.61	406	0.10	6.39	164.9	22	--	--	--	--	--	--	--
MW-301	09/18/24	17.94	321	0.66	6.50	72.4	14	--	--	--	--	--	--	--
MW-301	12/17/24	10.49	363	2.70	6.94	24.8	11	--	--	--	--	--	--	--
MW-301	03/24/25	12.60	608	2.71	7.64	50.3	23	--	--	--	--	--	--	--
MW-301	06/24/25	20.69	561	0.22	7.02	-130.7	23	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-302	03/01/12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-302	06/12/12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-302	06/28/12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-302	09/25/12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-302	11/25/12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-302	11/05/13	14.81	346	0.1	6.42	-67	0	6.0-6.5	--	--	--	13.2	< 0.200	0.349
MW-302	11/03/14	15.91	342	0.53	6.50	-27.8	5.06	2.5	< 0.10	< 0.10	--	< 0.50	0.765	0.493
MW-302	12/10/15	14.58	337	0.35	6.63	-104.8	0	1.5	< 0.10	< 0.10	--	< 0.50	27.4	0.402
MW-302	05/04/16	13.60	371	4.92	6.51	-116.5	2.49	--	--	--	--	--	--	--
MW-302	12/15/16	10.93	388	0.95	6.58	-89	0	1	< 0.0400	< 0.0400	--	< 0.128	35.1	0.572
MW-302	06/13/17	16.99	143	0.30	5.79	39.2	--	--	--	--	--	--	--	--
MW-302	08/23/17	20.32	358	9.36	7.08	-54	2.7	--	--	--	--	--	--	--
MW-302	12/05/17	13.54	755	0.89	5.82	30.4	8.95	4.25	< 0.0400	< 0.0400	--	97.2	42.9	2.15
MW-302	03/07/18	11.57	984	0.27	6.15	12	9.95	--	--	--	--	--	--	--
MW-302	06/13/18	16.08	446	0.81	6.04	-61.4	5.51	--	--	--	--	--	--	--
MW-302	09/06/18	19.67	424	0.74	6.49	-27	3.37	1.75	--	--	--	--	--	--
MW-302	12/20/18	15.90	726	0.10	6.40	73	55	7	0.105	0.105	--	364	1.4	2.52
MW-302	03/19/19	14.50	1321	0.40	7.44	-54.1	58	--	--	--	--	--	--	--
MW-302	05/16/19	12.83	589	0.70	5.81	-53	43	--	--	--	--	--	--	--
MW-302	09/17/19	14.71	424	0.79	6.75	-35.3	14	--	--	--	--	--	--	--
MW-302	12/11/19	16.95	1359	2.13	8.06	-57.4	19	3	<0.0600	<0.0600	--	629	67.4	3.52
MW-302	04/28/20	14.00	655	0.33	7.32	-25.30	16	--	--	--	--	--	--	--
MW-302	06/29/20	15.22	509	0.88	6.29	-30.80	34	--	--	--	--	--	--	--
MW-302	09/21/20	18.00	499	0.84	6.30	46.20	39	--	--	--	--	--	--	--
MW-302	12/15/20	10.90	692	0.38	7.46	116.20	131	1.80	<0.200	<0.400	--	11.80	12.40	1.74
MW-302	04/13/21	13.40	409	1.39	6.53	-53.4	26	--	--	--	--	--	--	--
MW-302	06/15/21	10.57	538	0.45	7.21	6.0	26	--	--	--	--	--	--	--
MW-302	09/23/21	16.29	630	1.77	5.97	70.0	17	--	--	--	--	--	--	--
MW-302	12/16/21	10.70	597	0.10	7.67	20.3	35	--	--	--	<0.150	104	0.282 J	2.74
MW-302	03/28/22	11.51	769	0.04	7.41	115.1	12	--	--	--	--	--	--	--
MW-302	06/28/22	16.00	936	0.79	6.40	-115.3	11	--	--	--	--	--	--	--
MW-302	09/21/22	16.92	550	0.09	7.22	343.0	18	--	--	--	--	--	--	--
MW-302	12/13/22	12.55	220	0.18	6.39	-43.9	19	7.0	--	--	<0.100	39.1	31.8	0.607

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-302	03/27/23	12.62	790	0.30	7.52	-58.7	25	--	--	--	--	--	--	--
MW-302	06/13/23	15.47	360	1.17	7.30	-41.6	28	--	--	--	--	--	--	--
MW-302	09/12/23	19.37	342	0.21	6.19	-96.2	2	--	--	--	--	--	--	--
MW-302	12/20/23	14.46	778	0.83	6.40	-59.6	70	6.0	--	--	0.208	49	0.326 J	1.82
MW-302	03/11/24	11.67	593	2.68	6.86	-31.3	16	--	--	--	--	--	--	--
MW-302	06/18/24	15.41	563	0.10	6.32	188.5	19	--	--	--	--	--	--	--
MW-302	09/19/24	19.00	340	0.59	6.52	-19.1	14	--	--	--	--	--	--	--
MW-302	12/17/24	12.05	517	1.93	6.15	299.2	17	7.0	--	--	0.0450 J	9.99	3.13 B	0.798 B
MW-302	03/24/25	11.78	1,029	2.74	7.70	29.6	3	--	--	--	--	--	--	--
MW-303	05/04/16	11.90	91	2.92	6.42	-73.9	9.31	--	--	--	--	--	--	--
MW-303	12/12/16	11.20	185	1.29	6.49	-50	0	--	--	--	--	--	--	--
MW-303	06/13/17	15.03	69	0.30	6.20	15.9	--	--	--	--	--	--	--	MN
MW-303	12/08/17	12.72	257	1.74	5.18	77.1	4.48	--	--	--	--	--	--	--
MW-303	03/06/18	11.47	382	0.76	5.59	91.7	3.47	--	--	--	--	--	--	--
MW-303	06/13/18	14.32	148	0.64	5.84	-19.6	4.22	--	--	--	--	--	--	--
MW-303	09/06/18	18.26	388	0.32	6.38	-56.1	4.4	6	--	--	--	--	--	--
MW-303	12/20/18	12.90	561	0.39	5.51	145	18	--	--	--	--	--	--	--
MW-303	03/19/19	11.10	470	0.59	7.19	-34.9	20	--	--	--	--	--	--	--
MW-303	05/16/19	10.49	590	1.80	5.56	-19	29	--	--	--	--	--	--	--
MW-303	09/17/19	14.68	474	1.30	6.31	-24.7	7	--	--	--	--	--	--	--
MW-303	12/11/19	13.89	570	0.71	7.80	-53.9	41	--	--	--	--	--	--	--
MW-303	04/28/20	12.70	238	0.43	6.65	40.80	20	--	--	--	--	--	--	--
MW-303	06/29/20	14.79	566	0.72	7.22	2.10	24	--	--	--	--	--	--	--
MW-303	09/21/20	18.80	1105	0.25	6.50	1.40	20	--	--	--	--	--	--	--
MW-303	12/15/20	10.93	382	0.42	7.20	115.80	15	--	--	--	--	--	--	--
MW-303	04/13/21	9.10	87	2.46	5.91	36.1	26	--	--	--	--	--	--	--
MW-303	06/14/21	9.33	368	1.32	6.65	6.7	12	--	--	--	--	--	--	--
MW-303	09/22/21	18.13	1,158	1.25	6.53	-47.5	11	--	--	--	--	--	--	--
MW-303	12/15/21	9.00	251	0.43	7.58	14.9	8	--	--	--	--	--	--	--
MW-303	03/28/22	10.79	212	0.06	6.93	144.3	12	--	--	--	--	--	--	--
MW-303	06/28/22	15.20	300	0.48	6.03	-51.3	13	--	--	--	--	--	--	--
MW-303	09/21/22	15.76	641	0.09	6.45	343.4	23	--	--	--	--	--	--	--
MW-303	12/13/22	10.75	345	0.16	6.44	-16.9	16	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-303	03/28/23	10.30	211	1.02	7.44	-3.3	21	--	--	--	--	--	--	--
MW-303	06/14/23	15.83	348	1.17	7.59	-42.4	29	--	--	--	--	--	--	--
MW-303	09/11/23	17.83	611	0.13	6.27	-103.9	17	--	--	--	--	--	--	--
MW-303	12/20/23	11.55	295	0.37	6.12	-28.5	22	--	--	--	--	--	--	--
MW-303	03/12/24	9.54	225	3.40	6.70	-9.2	23	--	--	--	--	--	--	--
MW-303	06/18/24	14.94	280	0.09	6.13	-47.5	15	--	--	--	--	--	--	--
MW-303	09/18/24	17.20	491	0.59	6.51	45.5	12	--	--	--	--	--	--	--
MW-303	12/17/24	10.58	364	2.72	6.69	36.7	2	--	--	--	--	2.03	--	--
MW-303	03/24/25	11.88	312	2.70	7.61	56.1	15	--	--	--	--	--	--	--
MW-303	06/25/25	15.96	268	0.26	6.64	-48.9	31	--	--	--	--	--	--	--
MW-304	11/05/13	12.20	396	0.10	6.60	-119	0	7	--	--	--	< 0.50	0.345	0.273
MW-304	11/03/14	14.86	310	0.62	6.46	-36.9	11.2	5	< 0.10	< 0.10	--	0.51	3.60 J	0.297 J
MW-304	12/10/15	12.81	345	0.35	6.55	100.1	3.99	3	< 0.10	< 0.10	--	0.873	33.7	0.39
MW-304	05/04/16	12.90	337	1.95	6.35	-103.1	6.29	--	--	--	--	--	--	--
MW-304	12/15/16	9.20	342	2.40	6.65	-92	0	0.5	< 0.0400	< 0.0400	--	3.35	28.2	0.276
MW-304	06/13/17	16.82	162	1.47	6.27	-24.2	--	--	--	--	--	--	--	--
MW-304	08/23/17	20.76	529	0	7.09	-55	0.1	--	--	--	--	--	--	--
MW-304	12/05/17	13.01	1421	1.00	3.42	134.2	3.96	2.25	< 0.0400	< 0.0400	--	253	18.6	8.94
MW-304	03/06/18	12.36	794	1.52	4.82	105.9	3.92	--	--	--	--	--	--	--
MW-304	06/13/18	16.04	305	0.19	6.12	-63.2	5.78	--	--	--	--	--	--	--
MW-304	09/06/18	20.20	439	0.48	4.72	127.5	3.83	--	--	--	--	--	--	--
MW-304	12/20/18	14.30	830	0.19	4.19	272	96	6.5	0.0730 J	0.0730 J	--	520	2.51	2.74
MW-304	03/19/19	11.80	155	0.71	7.53	-30.3	24	--	--	--	--	--	--	--
MW-304	05/16/19	10.89	367	1.27	4.82	36	9	--	--	--	--	--	--	--
MW-304	09/17/19	13.56	323	1.29	6.73	5.4	15	--	--	--	--	--	--	--
MW-304	12/11/19	15.30	1518	5.46	8.24	91.6	62	6	<0.0600	<0.0600	--	908	11.3	4.79
MW-304	04/28/20	12.40	324	0.59	6.92	25.80	10	--	--	--	--	--	--	--
MW-304	06/29/20	14.78	301	0.78	6.83	-13.60	26	--	--	--	--	--	--	--
MW-304	09/21/20	16.70	393	0.22	5.78	59.30	41	--	--	--	--	--	--	--
MW-304	12/15/20	11.07	457	0.33	7.32	120.80	32	1.00	<0.200	<0.400	--	75.10	50.60	0.483
MW-304	04/13/21	9.00	92	2.60	6.00	79.8	33	--	--	--	--	--	--	--
MW-304	06/15/21	9.80	224	1.12	6.49	55.5	8	--	--	--	--	--	--	--
MW-304	09/22/21	17.36	370	1.33	5.72	19.8	15	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-304	12/16/21	9.17	244	0.06	6.60	108.2	23	--	--	--	0.0724 J	72.8	19	1.18
MW-304	03/28/22	11.80	135	0.10	6.79	152.3	10	--	--	--	--	--	--	--
MW-304	06/28/22	15.90	230	0.45	6.64	11.3	10	--	--	--	--	--	--	--
MW-304	09/20/22	18.11	345	0.11	6.28	349.1	12	--	--	--	--	--	--	--
MW-304	12/13/22	11.01	317	0.22	6.37	-24.1	17	7.0	--	--	<0.100	51.6	8.8	0.462
MW-304	03/27/23	10.31	205	0.22	8.09	-31.5	20	--	--	--	--	--	--	--
MW-304	06/14/23	18.16	281	0.67	7.11	-59.3	17	--	--	--	--	--	--	--
MW-304	09/11/23	19.23	356	5.84	6.35	-69.5	3	--	--	--	--	--	--	--
MW-304	12/20/23	12.56	371	0.48	6.36	-49.4	20	5.5	--	--	0.211	7.22	6.6	1.06
MW-304	03/12/24	10.27	748	2.65	6.84	-58.2	29	--	--	--	--	--	--	--
MW-304	06/18/24	14.34	388	0.09	6.42	-42.3	19	--	--	--	--	--	--	--
MW-304	09/18/24	16.75	366	0.70	6.73	13.2	16	--	--	--	--	--	--	--
MW-304	12/17/24	9.94	426	2.03	6.25	197.7	34	5.0	--	--	0.0733 J	<1.50	0.863 B	0.361 B
MW-304	03/24/25	11.71	300	2.69	7.78	23.5	10	--	--	--	--	--	--	--
MW-304	06/25/25	16.33	292	0.19	7.57	-144.1	27	--	--	--	--	--	--	--
MW-307	11/26/12	12.70	332	0	7.18	-62	36.6	--	--	--	--	1.5	--	--
MW-307	11/06/13	12.31	231	0.07	6.42	-106	0.8	3.5	--	--	--	< 0.50	< 0.200	0.217
MW-307	11/04/14	14.49	383	0.26	6.86	-107	6.9	4.5	< 0.10	< 0.10	--	< 0.50	18.2	0.513
MW-307	12/09/15	12.78	225	0.51	6.40	-77.6	7.89	2.25	< 0.10	< 0.10	--	< 0.50	29.6	0.338
MW-307	02/23/16	10.43	225	0.27	6.21	-68.9	9.98	--	--	--	--	--	--	--
MW-307	05/03/16	12.71	211	0.39	6.05	-54	9.27	--	--	--	--	--	--	--
MW-307	08/30/16	16.90	198	1.18	6.91	67	0	--	--	--	--	--	--	--
MW-307	12/13/16	10.28	138	0.57	6.46	-87.4	8.09	1.5	< 0.0400	< 0.0400	--	< 0.256	21.2	0.235
MW-307	03/14/17	11.62	224	0	6.46	-79	0	--	--	--	--	--	--	--
MW-307	06/15/17	12.72	126	0.33	5.40	15.1	1.91	--	--	--	--	--	--	--
MW-307	08/23/17	17.87	149	0	7.03	-13	2.1	--	--	--	--	--	--	--
MW-307	12/06/17	14.55	405	1.49	6.18	-47.1	0	0.6	< 0.0400	< 0.0400	--	465	37.1	1.07
MW-307	03/08/18	13.90	270	0.38	6.42	2.6	5.1	--	--	--	--	--	--	--
MW-307	06/14/18	13.80	205	0.45	6.55	-23	2.92	--	--	--	--	--	--	--
MW-307	09/04/18	18.44	235	0.99	6.11	-25.6	0	2	--	--	--	--	--	--
MW-307	12/19/18	16.60	343	2.15	7.69	28.7	17	1.4	< 0.0400	< 0.0400	--	82.6	7.61	0.669
MW-307	03/18/19	14.30	530	0.85	6.79	-62.3	20	--	--	--	--	--	--	--
MW-307	05/16/19	14.10	315	0.72	6.82	-90.6	4	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-307	09/17/19	13.21	231	1.15	6.95	1.6	10	--	--	--	--	--	--	--
MW-307	12/10/19	15.65	541	1.37	6.88	-44.6	18	5.5	<0.0600	<0.0600	--	210	60.4	1.21
MW-307	04/27/20	13.60	677	0.60	6.72	-96.40	43	--	--	--	--	--	--	--
MW-307	06/29/20	14.80	505	0.34	6.82	115.90	40	--	--	--	--	--	--	--
MW-307	09/21/20	15.80	476	0.41	5.96	37.20	29	--	--	--	--	--	--	--
MW-307	12/16/20	13.16	694	0.32	7.50	130.10	0	2.40	<0.200	<0.400	--	8.26 J+	51.80	1.17
MW-307	04/12/21	11.20	276	1.91	6.47	-56.9	65	--	--	--	--	--	--	--
MW-307	06/14/21	6.85	352	0.51	7.35	156.3	11	--	--	--	--	--	--	--
MW-307	09/22/21	16.03	661	1.12	6.10	0.8	17	--	--	--	--	--	--	--
MW-307	12/14/21	11.00	423	0.30	9.10	-24.0	18	--	--	--	0.110	22.1	0.172 J	0.764
MW-307	03/28/22	11.21	403	0.01	7.43	114.4	40	--	--	--	--	--	--	--
MW-307	06/29/22	15.20	430	0.66	6.88	34.8	19	--	--	--	--	--	--	--
MW-307	09/20/22	18.41	685	0.18	7.13	341.8	13	--	--	--	--	--	--	--
MW-307	12/12/22	11.27	322	0.43	6.45	-16.4	12	6.0	--	--	<0.100	1.43 J	0.366 J	0.678
MW-307	03/27/23	14.60	634	0.26	7.03	-19.2	10	--	--	--	--	--	--	--
MW-307	06/13/23	12.14	403	1.16	6.64	83.9	18	--	--	--	--	--	--	--
MW-307	09/11/23	16.93	693	0.71	6.88	186.7	18	--	--	--	--	--	--	--
MW-307	12/19/23	13.22	483	0.68	6.49	-104.2	29	7.0	--	--	0.0969 J	23.6	21.7	0.695
MW-307	03/11/24	10.85	504	2.99	7.10	-18.8	23	--	--	--	--	--	--	--
MW-307	06/19/24	13.21	287	0.10	6.21	221.0	21	--	--	--	--	--	--	--
MW-307	09/18/24	15.90	242	0.73	6.51	48.4	13	--	--	--	--	--	--	--
MW-307	12/16/24	12.95	308	2.60	7.53	-6.1	14	2.6	--	--	0.109	0.982 J	<0.500	0.400 B
MW-307	03/24/25	11.17	565	4.12	8.16	85.9	49	--	--	--	--	--	--	--
MW-307	06/24/25	14.09	383	0.36	7.32	-29.9	19	--	--	--	--	--	--	--
MW-308	02/23/16	10.09	657	0.32	6.78	-36.3	9.17	--	--	--	--	--	--	--
MW-308	05/03/16	13.49	431	0.31	6.52	-42.7	7.44	--	--	--	--	--	--	--
MW-308	08/30/16	16.93	224	1.43	7.00	50	0	--	--	--	--	--	--	--
MW-308	12/13/16	10.31	577	0.51	6.75	-22.5	8.43	1.5	< 0.0400	< 0.0400	--	141	1.53	1.05
MW-308	03/14/17	10.27	587	0	6.99	86	0	--	--	--	--	--	--	--
MW-308	06/15/17	13.16	355	0.90	7.07	-53	7.5	--	--	--	--	--	--	--
MW-308	08/23/17	18.34	235	0	7.15	-32	0	--	--	--	--	--	--	--
MW-308	12/06/17	13.30	591	801.24	6.76	-73.2	3.97	1.7	< 0.0400	< 0.0400	--	21.4	1.24	1.49
MW-308	03/08/18	10.08	758	0.29	6.74	-26.7	6.79	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-308	06/14/18	14.41	208	0.43	6.34	-13.5	4.1	--	--	--	--	--	--	--
MW-308	09/05/18	17.87	270	0.64	6.57	-45.2	0	2	--	--	--	--	--	--
MW-308	12/19/18	10.70	579	1.68	6.94	52.4	30	0	< 0.0400	< 0.0400	--	48.1	0.167 J	0.0912
MW-308	03/18/19	12.50	912	0.63	7.03	-61.3	15	--	--	--	--	--	--	--
MW-308	05/16/19	13.20	311	0.29	6.78	-107.3	10	--	--	--	--	--	--	--
MW-308	09/17/19	12.90	213	1.61	6.64	2.6	12	--	--	--	--	--	--	--
MW-308	12/09/19	14.07	386	1.89	6.32	-53.5	10	5.5	<0.0600 J	<0.0600 J	--	93.9	16.1	1.01
MW-308	04/27/20	13.30	825	0.77	6.43	-73.10	31	--	--	--	--	--	--	--
MW-308	06/29/20	15.30	726	0.44	7.05	108.80	24	--	--	--	--	--	--	--
MW-308	09/21/20	15.70	489	0.70	5.69	239.30	38	--	--	--	--	--	--	--
MW-308	12/16/20	11.78	556	0.39	7.62	123.70	11	2.60	<0.200	<0.400	--	3.79 J+	4.57	0.293
MW-308	04/12/21	10.40	323	2.15	6.72	142.2	38	--	--	--	--	--	--	--
MW-308	06/14/21	7.31	600	1.15	6.97	137.7	11	--	--	--	--	--	--	--
MW-308	09/22/21	15.90	589	1.44	6.39	-17.2	6	--	--	--	--	--	--	--
MW-308	12/14/21	7.70	548	0.87	6.95	150.0	10	--	--	--	<0.150	20.9	<0.5	0.219
MW-308	03/28/22	10.54	647	0.01	7.32	121.8	11	--	--	--	--	--	--	--
MW-308	06/29/22	15.30	439	0.66	6.68	7.6	17	--	--	--	--	--	--	--
MW-308	09/20/22	17.72	723	0.29	7.08	337.8	28	--	--	--	--	--	--	--
MW-308	12/12/22	9.79	369	0.38	6.46	34.4	83	1.0	--	--	<0.100	48.0	0.162 J	0.00254 J
MW-308	03/27/23	13.97	684	0.38	7.05	-41.2	22	--	--	--	--	--	--	--
MW-308	06/13/23	12.31	316	0.64	6.59	-41.6	24	--	--	--	--	--	--	--
MW-308	09/11/23	16.49	746	0.43	7.01	147.9	36	--	--	--	--	--	--	--
MW-308	12/19/23	11.23	680	0.69	7.02	-24.4	8	0	--	--	<0.150	128	0.11 J	0.118
MW-308	03/11/24	9.84	650	2.88	7.16	27	10	--	--	--	--	--	--	--
MW-308	06/19/24	13.32	772	0.08	6.50	90.1	23	--	--	--	--	--	--	--
MW-308	09/18/24	15.63	338	0.68	6.74	71.2	10	--	--	--	--	--	--	--
MW-308	12/16/24	11.45	631	2.70	7.17	44.9	18	0.5	--	--	0.179	76.1	<0.500	0.0168 B
MW-308	03/24/25	9.95	602	4.01	8.41	87.0	32	--	--	--	--	--	--	--
MW-308	06/24/25	13.85	647	0.22	7.36	-40.3	21	--	--	--	--	--	--	--
MW-309	05/04/16	14.84	208	2.80	6.50	-102.7	8.08	--	--	--	--	--	--	--
MW-309	12/12/16	11.39	250	0.67	6.46	-110.3	9.47	--	--	--	--	--	--	--
MW-309	06/13/17	15.23	147	0.21	6.49	-89.1	--	--	--	--	--	--	--	--
MW-309	12/05/17	14.56	215	1.10	6.72	-87.3	-20.7	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-309	06/12/18	16.23	161	0.53	6.41	-42	7.48	--	--	--	--	--	--	--
MW-309	12/20/18	13.90	410	0.16	6.80	-112	21	--	--	--	--	--	--	--
MW-309	05/16/19	11.48	588	0.57	6.16	-109	62	--	--	--	--	--	--	--
MW-309	12/11/19	14.91	554	0.37	7.49	-70.1	37	--	--	--	--	--	--	--
MW-309	06/29/20	17.23	582	0.72	6.71	-12.60	77	--	--	--	--	--	--	--
MW-309	12/15/20	12.09	6.76	0.36	7.53	119.30	91	--	--	--	--	--	--	--
MW-309	06/15/21	11.34	322	0.59	6.52	23.4	68	--	--	--	--	--	--	--
MW-309	12/15/21	12.80	384	0.07	8.17	-22.8	6	--	--	--	--	--	--	--
MW-309	06/28/22	16.00	287	0.51	6.35	-76.8	151	--	--	--	--	--	--	--
MW-309	12/13/22	12.43	298	0.11	6.40	-29.9	120	--	--	--	--	--	--	--
MW-309	06/14/23	17.21	379	0.86	7.23	-66.5	51	--	--	--	--	--	--	--
MW-309	12/20/23	13.50	240	0.25	6.24	-37.8	25	--	--	--	--	--	--	--
MW-309	06/18/24	14.17	468	0.14	6.19	58.7	32	--	--	--	--	--	--	--
MW-309	12/17/24	11.85	313	2.52	6.28	243.5	32	--	--	--	--	--	--	--
MW-309	06/25/25	16.33	640	0.25	6.85	-77.3	22	--	--	--	--	--	--	--
MW-310	11/28/12	13.97	385	0	7.22	-88	80.6	--	--	--	--	< 0.50	--	--
MW-310	11/05/13	14.07	396	0.05	6.44	-95	0	2.0-2.5	--	--	--	< 0.50	0.982	0.528
MW-310	11/04/14	15.97	393	0.03	6.88	-101	0	1.5	< 0.10	< 0.10	--	< 0.50	11.5	0.615
MW-310	12/10/15	13.23	313	0.45	6.39	-78.5	0	2	< 0.10	< 0.10	--	< 0.50	34.8	0.554
MW-310	02/22/16	11.72	358	0.29	6.40	-98.5	3.83	--	--	--	--	--	--	--
MW-310	05/02/16	15.68	270	0.34	6.18	-67.1	8.56	--	--	--	--	--	--	--
MW-310	08/29/16	19.29	283	1.64	6.82	29	0	--	--	--	--	--	--	--
MW-310	12/15/16	11.60	258	1.26	6.49	-70	0	2	< 0.0400	< 0.0400	--	1.13	26.4	0.485
MW-310	03/13/17	11.24	317	0	6.53	-102	0	--	--	--	--	--	--	--
MW-310	06/15/17	15.80	229	0.33	6.21	-69.1	--	--	--	--	--	--	--	--
MW-310	08/22/17	23.88	365	0	6.96	-80	21.4	--	--	--	--	--	--	--
MW-310	12/05/17	13.45	603	1.39	4.01	101	3.3	1.5	< 0.0400	< 0.0400	--	44.2	1.55	2.66
MW-310	03/06/18	12.75	946	0.30	5.25	72.8	5.8	--	--	--	--	--	--	--
MW-310	06/13/18	17.54	464	0.20	5.84	-34.4	2.01	--	--	--	--	--	--	--
MW-310	09/06/18	20.00	293	0.67	5.45	74	2.13	3	--	--	--	--	--	--
MW-310	12/20/18	15.90	605	1.43	7.10	49.6	18	3.2	0.346	0.346	--	318	7.48	1.63
MW-310	03/19/19	14.40	804	1.25	7.21	-21.1	28	--	--	--	--	--	--	--
MW-310	05/16/19	12.36	695	1.09	4.51	87	72	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-310	09/17/19	13.46	281	0.83	6.93	-23.9	16	--	--	--	--	--	--	--
MW-310	12/11/19	16.40	1551	12.52	6.92	155.8	28	5	<0.0600	<0.0600	--	999	53.1	7.24
MW-310	04/28/20	14.00	1460	0.54	6.71	64.40	18	--	--	--	--	--	--	--
MW-310	06/29/20	15.03	908	0.99	6.96	-21.80	47	--	--	--	--	--	--	--
MW-310	09/21/20	17.80	745	2.68	6.01	249.7	12	--	--	--	--	--	--	--
MW-310	12/15/20	11.86	1,020	0.33	7.57	116.9	64	1.60	<0.200	<0.400	--	167	64.90	1.48
MW-310	04/12/21	13.80	386	1.67	6.39	-28.8	92	--	--	--	--	--	--	--
MW-310	06/15/21	12.16	571	0.64	7.05	45.9	53	--	--	--	--	--	--	--
MW-310	09/22/21	18.17	789	1.05	6.02	-15.7	51	--	--	--	--	--	--	--
MW-310	12/16/21	12.25	648	0.06	6.66	-28.1	85	--	--	--	0.102 J	90.8	0.339 J	2.5
MW-310	03/29/22	11.83	677	0.21	6.95	154.3	22	--	--	--	--	--	--	--
MW-310	06/28/22	15.40	752	0.41	6.41	-98.6	37	--	--	--	--	--	--	--
MW-310	09/20/22	19.95	572	0.48	6.32	316.7	23	--	--	--	--	--	--	--
MW-310	12/13/22	10.61	399	0.31	6.39	-54.3	44	7.0	--	--	<0.100	22.2	7.74	0.857
MW-310	03/27/23	13.26	824	0.23	7.58	-92.5	29	--	--	--	--	--	--	--
MW-310	06/13/23	16.15	767	1.53	7.29	-83	35	--	--	--	--	--	--	--
MW-310	09/11/23	20.58	473	0.10	6.34	-148	21	--	--	--	--	--	--	--
MW-310	12/19/23	13.41	973	0.17	6.57	-51.1	42	--	--	--	0.107 J	22.2	10.8	1.49
MW-310	03/12/24	10.91	998	2.70	6.95	-68.5	21	--	--	--	--	--	--	--
MW-310	06/18/24	15.50	593	0.08	6.34	-12.4	21	--	--	--	--	--	--	--
MW-310	09/18/24	18.12	409	0.73	6.66	-12.0	18	--	--	--	--	--	--	--
MW-310	12/17/24	9.01	565	2.07	6.23	156.5	41	5.75	--	--	0.0506 J	<1.50	3.77 B	0.803 B
MW-310	03/24/25	12.23	861	2.68	7.77	13.2	16	--	--	--	--	--	--	--
MW-310	06/25/25	16.85	536	0.29	7.20	-118.9	30	--	--	--	--	--	--	--
MW-311	11/05/14	16.57	606	0	7.42	-146	7	1.5	< 0.25	< 0.25	--	42.3	< 0.200	1.57
MW-311	12/10/15	14.15	482	0	6.35	-103	1.4	0.75	< 0.10	< 0.10	--	46.4	27.4	1.45
MW-311	02/22/16	13.84	583	0.26	6.45	-103.1	4.19	--	--	--	--	--	--	--
MW-311	05/04/16	14.42	564	1.02	6.49	-109.3	6.22	--	--	--	--	--	--	--
MW-311	08/29/16	22.58	384	1.01	6.89	22	7.66	--	--	--	--	--	--	--
MW-311	12/15/16	12.91	270	0.4	6.64	-107.3	7.38	3	< 0.0400	< 0.0400	--	23.7	22.7	0.801
MW-311	03/13/17	12.31	424	0.31	6.73	-98.5	0	--	--	--	--	--	--	--
MW-311	06/15/17	15.25	453	0.95	7.16	-87.5	--	--	--	--	--	--	--	--
MW-311	08/22/17	19.69	390	8.27	7.10	-72	0	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-311	12/07/17	15.15	276	0.38	6.61	-33.2	0	3.75	< 0.0400 J	< 0.0400 J	--	28.4	8.42	0.703
MW-311	03/08/18	10.87	585	1.04	6.62	-17.2	0	--	--	--	--	--	--	--
MW-311	06/13/18	17.24	366	0.25	6.44	-45.7	0	--	--	--	--	--	--	--
MW-311	09/05/18	19.44	455	0.19	6.27	38.8	3.11	--	--	--	--	--	--	--
MW-311	12/20/18	14.60	522	1.15	7.33	-72.6	14	1.7	< 0.0400	< 0.0400	--	8.59	4.44	1.02
MW-311	03/18/19	14.80	530	0.32	6.71	-73.9	3	--	--	--	--	--	--	--
MW-311	05/16/19	14.30	519	0.10	6.82	-71.4	5	--	--	--	--	--	--	--
MW-311	09/17/19	13.98	338	0.62	6.61	-22.9	3	--	--	--	--	--	--	--
MW-311	12/12/19	15.24	674	0.80	7.22	-84.4	3	4.5	<0.0600	<0.0600	--	8.28	41.5	1.81
MW-311	04/27/20	14.20	792	0.72	7.60	-83.2	9	--	--	--	--	--	--	--
MW-311	06/29/20	15.20	957	0.44	6.97	121.9	15	--	--	--	--	--	--	--
MW-311	09/21/20	17.50	763	0.26	6.53	-51.2	16	--	--	--	--	--	--	--
MW-311	12/15/20	14.11	877	0.20	7.80	118.0	30	2.80	<0.200	<0.400	--	74.20	18.30	2.04
MW-311	04/13/21	13.0	338	2.30	6.75	-71.2	18	--	--	--	--	--	--	--
MW-311	09/22/21	17.34	812	1.57	6.70	-50.1	9	--	--	--	--	--	--	--
MW-311	12/16/21	10.67	473	0.08	7.34	37.4	8	--	--	--	<0.150	4.42	0.144 J	1.77
MW-311	03/29/22	13.47	728	0.01	7.18	137.7	2	--	--	--	--	--	--	--
MW-311	06/28/22	15.70	636	0.46	6.48	-98.6	17	--	--	--	--	--	--	--
MW-311	09/20/22	19.90	764	0.03	6.42	380.4	6	--	--	--	--	--	--	--
MW-311	12/13/22	14.18	616	0.13	6.42	-48.6	6	7.0	--	--	<0.100	0.429 J	6.14	1.89
MW-311	03/28/23	12.43	718	0.36	7.22	-11.2	13	--	--	--	--	--	--	--
MW-311	06/14/23	15.28	751	5.49	7.78	5.3	16	--	--	--	--	--	--	--
MW-311	09/12/23	18.95	601	0.11	6.47	-127.5	14	--	--	--	--	--	--	--
MW-311	12/20/23	14.79	641	0.29	6.30	-38.3	9	1.0	--	--	<0.150	<1.5	3.1	1.58
MW-311	03/12/24	11.20	707	2.68	6.51	-37.9	5	--	--	--	--	--	--	--
MW-311	06/17/24	17.53	743	0.11	6.49	153.5	26	--	--	--	--	--	--	--
MW-311	09/19/24	17.10	569	0.75	6.32	129.3	15	--	--	--	--	--	--	--
MW-311	12/17/24	11.92	544	2.64	7.14	16.6	5	2.0	--	--	<0.100	<1.50	1.47 B	1.05 B
MW-311	03/25/25	12.47	655	2.72	7.79	51.8	35	--	--	--	--	--	--	--
MW-311	06/25/25	15.79	707	0.19	7.31	-94.7	20	--	--	--	--	--	--	--
MW-312	11/05/14	17.07	459	0.58	6.78	-92	0	5.7	< 0.25	< 0.25	--	< 1.3	< 0.200	0.787
MW-312	12/10/15	13.74	434	0	6.30	-89	0	1.5	< 0.10	< 0.10	--	< 0.50	16.8	0.717
MW-312	02/23/16	13.69	578	0.22	6.63	-113.5	8.84	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-312	05/04/16	14.77	539	1.19	6.63	-122.1	4.05	--	--	--	--	--	--	--
MW-312	08/29/16	24.31	480	1.01	6.89	28	0	--	--	--	--	--	--	--
MW-312	12/15/16	13.74	452	0.40	6.74	-121.8	9.47	4	< 0.0400	< 0.0400	--	< 0.500	20.4	0.924
MW-312	03/13/17	12.95	598	0	6.81	-126	0	--	--	--	--	--	--	--
MW-312	06/15/17	15.14	465	0.27	6.68	-106.8	--	--	--	--	--	--	--	--
MW-312	08/23/17	19.07	460	0	7.30	-81	0	--	--	--	--	--	--	--
MW-312	12/07/17	16.15	351	0.88	6.66	-107.7	1.17	2.6	< 0.0400	< 0.0400	--	488	3.95	0.664
MW-312	03/08/18	11.91	501	1.12	6.88	-6.3	0	--	--	--	--	--	--	--
MW-312	06/13/18	15.38	349	1.59	6.58	-106.1	0.92	--	--	--	--	--	--	--
MW-312	09/05/18	20.03	417	0.16	6.55	-72.6	3.75	6	--	--	--	--	--	--
MW-312	12/20/18	14.10	429	0.75	7.29	-45.3	7	2.5	< 0.0400	< 0.0400	--	0.164 J	4.35	0.715
MW-312	03/19/19	12.60	553	0.58	7.74	-41	3	--	--	--	--	--	--	--
MW-312	05/16/19	13.80	524	0.67	6.70	-101.9	2	--	--	--	--	--	--	--
MW-312	09/17/19	13.84	289	0.55	6.54	-31.9	2	--	--	--	--	--	--	--
MW-312	12/12/19	14.76	514	0.36	8.17	-86.4	5	2	<0.0600	<0.0600	--	0.63	22	0.957
MW-312	04/28/20	14.90	596	0.36	7.64	-85.90	4	--	--	--	--	--	--	--
MW-312	06/29/20	15.03	491	0.94	6.39	-25.70	12	--	--	--	--	--	--	--
MW-312	09/21/20	17.50	607	0.33	6.56	-35.30	20	--	--	--	--	--	--	--
MW-312	12/15/20	13.39	571	0.28	7.75	118.20	35	3.00	<0.200	<0.400	--	<1.20	6.93	1.08
MW-312	04/13/21	12.30	286	2.10	6.78	-84.4	17	--	--	--	--	--	--	--
MW-312	06/16/21	8.65	476	2.05	6.93	17.3	3	--	--	--	--	--	--	--
MW-312	09/22/21	16.72	805	2.04	6.62	-30.2	10	--	--	--	--	--	--	--
MW-312	12/16/21	10.85	338	0.04	7.04	35.2	6	--	--	--	<0.150	<0.500	0.115 J	0.83
MW-312	03/29/22	12.62	452	0.03	6.89	158.7	1	--	--	--	--	--	--	--
MW-312	06/29/22	14.50	635	0.78	6.48	10.1	30	--	--	--	--	--	--	--
MW-312	09/20/22	19.81	714	0.32	6.80	361.9	9	--	--	--	--	--	--	--
MW-312	12/13/22	13.20	440	0.24	6.48	-12.9	19	7.0	--	--	<0.100	4.73	0.399 J	0.903
MW-312	03/28/23	12.05	573	0.18	8.38	-68.7	10	--	--	--	--	--	--	--
MW-312	06/14/23	16.40	552	2.13	7.90	-49.8	17	--	--	--	--	--	--	--
MW-312	09/12/23	18.90	543	0.19	6.52	-128.2	1	--	--	--	--	--	--	--
MW-312	12/20/23	15.16	614	0.08	6.37	-21.5	17	5.0	--	--	0.0974 J	<1.5	1.7	1.04
MW-312	03/12/24	9.63	698	2.92	6.85	-13.7	16	--	--	--	--	--	--	--
MW-312	06/18/24	15.20	495	0.09	6.39	-40.2	12	--	--	--	--	--	--	--
MW-312	09/19/24	17.49	497	0.45	6.80	7.8	6	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-312	12/17/24	13.39	510	1.88	6.30	225.8	2	4.0	--	--	<0.100	<1.50	1.06 B	0.689 B
MW-312	03/24/25	13.19	512	2.90	7.74	70.6	12	--	--	--	--	--	--	--
MW-312	06/25/25	15.60	569	0.16	7.37	-25.8	22	--	--	--	--	--	--	--
MW-313	08/29/16	21.96	489	1.07	6.88	23	0	--	--	--	--	--	--	--
MW-313	12/12/16	14.13	474	1.04	6.82	-34.9	9.06	--	--	--	--	--	--	--
MW-313	03/13/17	11.30	850	0.03	6.78	-23	3.5	--	--	--	--	--	--	--
MW-313	06/15/17	15.94	374	1.32	6.85	-24.6	--	--	--	--	--	--	--	--
MW-313	08/22/17	23.47	400	8.21	7.39	-62	0	--	--	--	--	--	--	--
MW-313	12/07/17	15.72	395	0.99	6.95	24.8	3.22	--	--	--	--	--	--	--
MW-313	03/07/18	11.05	615	0.89	6.96	36.8	8.42	--	--	--	--	--	--	--
MW-313	06/13/18	16.73	400	0.46	6.76	-44.1	3.02	--	--	--	--	--	--	--
MW-313	09/05/18	20.55	447	0.18	6.76	-29.7	1.34	--	--	--	--	--	--	--
MW-313	12/20/18	14.70	555	1.03	7.07	-52.9	43	--	--	--	--	--	--	--
MW-313	03/19/19	11.10	686	0.73	7.81	-30.4	6	--	--	--	--	--	--	--
MW-313	05/16/19	14.50	781	0.42	7.05	-39.1	10	--	--	--	--	--	--	--
MW-313	09/17/19	15.71	343	0.71	6.65	-25.3	7	--	--	--	--	--	--	--
MW-313	12/12/19	14.86	574	0.64	7.99	-55.7	5	--	--	--	--	--	--	--
MW-313	04/27/20	15.60	683	1.21	7.87	3.40	11	--	--	--	--	--	--	--
MW-313	06/29/20	16.33	486	1.81	6.73	-74.50	32	--	--	--	--	--	--	--
MW-313	09/21/20	18.70	605	0.55	6.84	21.90	13	--	--	--	--	--	--	--
MW-313	12/15/20	13.54	718	0.22	7.93	109.70	69	--	--	--	--	--	--	--
MW-313	04/13/21	12.90	250	2.02	6.85	-69.0	48	--	--	--	--	--	--	--
MW-313	06/16/21	9.60	441	0.99	7.38	30.4	38	--	--	--	--	--	--	--
MW-313	09/22/21	17.25	668	1.34	6.95	-41.6	28	--	--	--	--	--	--	--
MW-313	12/16/21	11.89	401	0.19	7.16	30.7	80	--	--	--	--	--	--	--
MW-313	03/29/22	11.77	390	0.10	7.10	141.2	10	--	--	--	--	--	--	--
MW-313	06/28/22	17.40	631	1.12	6.65	10.8	154	--	--	--	--	--	--	--
MW-313	09/20/22	21.00	573	0.05	6.99	378.8	24	--	--	--	--	--	--	--
MW-313	12/13/22	11.68	548	0.15	6.38	-28.6	81	--	--	--	--	--	--	--
MW-313	03/28/23	10.12	553	1.48	8.42	-38.5	50	--	--	--	--	--	--	--
MW-313	06/14/23	16.96	632	0.32	8.03	-50.7	56	--	--	--	--	--	--	--
MW-313	09/12/23	20.47	440	0.22	6.70	28.4	41	--	--	--	--	--	--	--
MW-313	12/20/23	13.07	769	0.13	6.53	9.0	32	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-313	03/12/24	10.34	600	3.59	7.03	24.3	50	--	--	--	--	--	--	--
MW-313	06/18/24	15.10	500	0.09	6.44	4.5	43	--	--	--	--	--	--	--
MW-313	09/19/24	18.35	367	0.93	6.77	79.7	10	--	--	--	--	--	--	--
MW-313	12/17/24	12.00	576	2.86	7.74	68.9	35	--	--	--	--	--	--	--
MW-313	03/24/25	12.69	648	2.75	7.72	74.8	41	--	--	--	--	--	--	--
MW-313	06/25/25	16.59	488	0.27	7.28	-63.7	31	--	--	--	--	--	--	--
MW-314	08/30/16	20.60	565	1.23	6.87	82	8.52	--	--	--	--	--	--	--
MW-314	12/14/16	13.42	471	0.52	6.73	-90.3	9.44	--	--	--	--	--	--	--
MW-314	03/13/17	12.34	626	0	6.73	-53	3.9	--	--	--	--	--	--	--
MW-314	06/14/17	18.28	447	0.46	7.07	-87.9	8.2	--	--	--	--	--	--	--
MW-314	08/23/17	18.35	453	0	7.33	-35	3.6	--	--	--	--	--	--	--
MW-314	12/06/17	14.00	413	0.68	6.56	-62.5	4.2	--	--	--	--	--	--	--
MW-314	03/07/18	11.95	583	0.90	6.84	23.5	8.42	--	--	--	--	--	--	--
MW-314	06/12/18	15.92	455	0.74	6.70	-110	2.91	--	--	--	--	--	--	--
MW-314	09/05/18	18.90	427	0.40	6.49	-40.8	4.24	--	--	--	--	--	--	--
MW-314	12/20/18	14.70	567	0.16	6.79	-87	29	--	--	--	--	--	--	--
MW-314	03/19/19	11.40	564	0.97	7.12	-32.4	48	--	--	--	--	--	--	--
MW-314	05/16/19	11.01	714	0.77	6.27	-61	79	--	--	--	--	--	--	--
MW-314	09/17/19	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-314	12/10/19	13.97	725	1.55	5.67	-36	7	--	--	--	--	--	--	--
MW-314	04/28/20	13.20	749	0.44	7.55	-53.60	7	--	--	--	--	--	--	--
MW-314	06/29/20	18.27	639	1.02	6.53	-29.80	16	--	--	--	--	--	--	--
MW-314	09/22/20	16.50	758	0.49	6.28	22.60	16	--	--	--	--	--	--	--
MW-314	12/15/20	13.53	800	0.15	7.78	114.80	35	--	--	--	--	--	--	--
MW-314	04/13/21	10.70	272	2.02	6.54	-7.9	58	--	--	--	--	--	--	--
MW-314	03/28/22	12.03	731	0.06	7.77	76.2	83	--	--	--	--	--	--	--
MW-314	06/28/22	15.70	819	0.46	6.36	-58.1	14	--	--	--	--	--	--	--
MW-314	09/20/22	19.23	638	0.10	6.48	351.7	13	--	--	--	--	--	--	--
MW-314	03/27/23	11.49	699	0.60	8.17	21.0	54	--	--	--	--	--	--	--
MW-314	06/14/23	16.38	720	2.60	7.63	-56.9	25	--	--	--	--	--	--	--
MW-314	12/20/23	12.58	269	0.21	6.31	-17.6	30	--	--	--	--	--	--	--
MW-314	06/19/24	14.81	693	0.05	6.47	40.3	17	--	--	--	--	--	--	--
MW-314	12/17/24	13.30	856	2.03	6.01	305.8	8	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-314	03/24/25	12.98	611	2.87	7.73	67.1	18	--	--	--	--	--	--	--
MW-314	06/23/25	15.97	706	1.30	7.41	-59.2	21	--	--	--	--	--	--	--
MW-315	08/29/16	20.56	558	1.04	6.86	2	8.44	--	--	--	--	--	--	--
MW-315	12/12/16	12.07	488	1.45	6.74	-102	0	--	--	--	--	--	--	--
MW-315	03/13/17	12.81	522	0	6.77	-117	0	--	--	--	--	--	--	--
MW-315	06/15/17	14.20	450	1.27	7.21	-99	--	--	--	--	--	--	--	--
MW-315	08/23/17	18.20	465	0	7.30	-68	0	--	--	--	--	--	--	--
MW-315	12/07/17	14.59	372	0.84	6.68	-28.7	0	--	--	--	--	--	--	--
MW-315	03/08/18	11.74	448	1.34	6.84	20.7	0	--	--	--	--	--	--	--
MW-315	06/13/18	15.32	325	1	6.58	-41.5	0	--	--	--	--	--	--	--
MW-315	09/05/18	18.81	378	0.12	6.39	-28.8	0.54	--	--	--	--	--	--	--
MW-315	12/20/18	14.50	460	0.32	7.15	-92	5	--	--	--	--	--	--	--
MW-315	03/18/19	14.70	497	0.81	6.74	-65.4	3	--	--	--	--	--	--	--
MW-315	05/16/19	13.60	508	0.20	6.83	-64.3	3	--	--	--	--	--	--	--
MW-315	09/17/19	13.01	311	0.58	6.37	-41.8	4	--	--	--	--	--	--	--
MW-315	12/12/19	14.40	587	0.79	7.98	-67.8	3	--	--	--	--	--	--	--
MW-315	04/27/20	14.80	591	0.53	7.67	-70	8	--	--	--	--	--	--	--
MW-315	06/29/20	14.30	584	0.64	6.92	189.80	9	--	--	--	--	--	--	--
MW-315	09/21/20	16.70	589	0.25	6.43	-26.20	14	--	--	--	--	--	--	--
MW-315	12/15/20	13.69	588	0.09	7.80	119.30	43	--	--	--	--	--	--	--
MW-315	04/13/21	13.10	289	2.23	6.65	-68.2	22	--	--	--	--	--	--	--
MW-315	06/16/21	8.01	501	1.37	6.79	0.9	3	--	--	--	--	--	--	--
MW-315	09/22/21	17.62	785	1.14	6.45	-19.0	10	--	--	--	--	--	--	--
MW-315	12/16/21	10.40	304	1.36	7.31	-8.2	10	--	--	--	--	--	--	--
MW-315	03/29/22	12.06	519	0.08	7.21	134.1	3	--	--	--	--	--	--	--
MW-315	06/28/22	14.40	583	0.48	6.44	-86.4	15	--	--	--	--	--	--	--
MW-315	09/20/22	17.79	634	0.10	7.32	356.7	5	--	--	--	--	--	--	--
MW-315	12/13/22	11.90	570	0.25	6.29	-23.1	87	--	--	--	--	--	--	--
MW-315	03/28/23	12.07	645	0.18	7.70	-76.2	14	--	--	--	--	--	--	--
MW-315	06/14/23	14.23	663	1.36	7.34	-43	20	--	--	--	--	--	--	--
MW-315	09/12/23	17.38	553	0.09	6.37	-112	8	--	--	--	--	--	--	--
MW-315	12/20/23	14.16	579	0.92	6.31	45.3	6	--	--	--	--	--	--	--
MW-315	03/12/24	10.85	630	2.82	6.96	-13.7	3	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
MW-315	06/19/24	16.15	583	0.02	6.47	-14.0	15	--	--	--	--	--	--	--
MW-315	09/19/24	16.58	499	1.00	6.63	54.2	11	--	--	--	--	--	--	--
MW-315	12/17/24	13.37	490	2.62	7.26	18.7	3	--	--	--	--	--	--	--
MW-315	03/25/25	12.03	550	2.93	8.09	68.1	40	--	--	--	--	--	--	--
MW-315	06/25/25	15.13	547	0.25	7.28	-99.3	21	--	--	--	--	--	--	--
SH-04	05/05/16	14.18	129	1.43	6.47	-107.3	8.73	--	--	--	--	--	--	--
SH-04	12/14/16	8.88	133	0.39	6.41	-48.2	7.21	--	--	--	--	--	--	--
SH-04	06/14/17	17.02	116	0.27	6.33	52.7	1.67	--	--	--	--	--	--	--
SH-04	12/05/17	15.32	134	0.71	6.72	-65.4	3.51	--	--	--	--	--	--	--
SH-04	06/13/18	16.50	140	0.47	6.12	-54.2	1.05	--	--	--	--	--	--	--
SH-04	12/18/18	12.30	180	1.05	7.31	-30.6	19	--	--	--	--	--	--	--
SH-04	05/16/19	9.31	226	0.91	5.71	-126	13	--	--	--	--	--	--	--
SH-04	12/11/19	14.43	391	0.63	7.51	-12.1	19	--	--	--	--	--	--	--
SH-04	06/29/20	14.40	219	0.49	6.46	215.30	8	--	--	--	--	--	--	--
SH-04	12/14/20	14.00	371	0.29	7.56	151.80	21	--	--	--	--	--	--	--
SH-04	06/15/21	8.75	190	0.94	7.00	57.0	6	--	--	--	--	--	--	--
SH-04	12/15/21	11.60	140	0.15	9.84	-77.1	6	--	--	--	--	--	--	--
SH-04	04/18/22	9.00	220	0.09	8.12	64.6	39	--	--	--	--	--	--	--
SH-04	06/28/22	16.90	198	0.49	6.02	-11.9	16	--	--	--	--	--	--	--
SH-04	12/13/22	9.50	90	0.08	6.41	-25.2	20	--	--	--	--	--	--	--
SH-04	06/13/23	15.31	149	4.44	7.32	-48.1	18	--	--	--	--	--	--	--
SH-04	12/19/23	10.14	243	0.66	6.14	24.3	18	--	--	--	--	--	--	--
SH-04	06/18/24	14.42	352	0.20	6.34	206.1	19	--	--	--	--	--	--	--
SH-04	12/17/24	12.58	360	2.58	7.12	36.7	10	--	--	--	--	--	--	--
SH-04	06/24/25	19.35	773	0.16	6.84	-57.4	22	--	--	--	--	--	--	--
TX-03A	01/13/04	14.00	480	1.40	6.39	-59	1.8	--	--	--	--	--	--	--
TX-03A	04/19/04	13.70	560	1.44	6.18	21	2.4	6	--	--	--	< 1	--	--
TX-03A	07/27/04	17.90	589	1.31	6.26	68	3	--	--	--	--	--	--	--
TX-03A	10/18/04	16.70	595	2.77	6.63	-100	42	--	--	--	--	--	--	--
TX-03A	01/24/05	14.60	563	1.79	5.11	5	43.1	--	--	--	--	--	--	--
TX-03A	04/19/05	13.80	552	0	6.47	-86	20	4	--	--	--	< 1	--	--
TX-03A	07/12/05	17.30	477	0.16	6.55	-121	55.6	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
TX-03A	10/31/07	--	--	--	--	--	--	--	--	--	--	--	--	--
TX-03A	11/20/08	15.80	821	0.49	6.87	-59	31.8	30.4	--	--	--	< 1	--	--
TX-03A	04/08/09	12.84	236	0	6.58	-145	43.1	--	--	--	--	--	--	--
TX-03A	11/17/09	16.30	50.6	1.29	6.39	-102	9.7	36	--	--	--	1.2	--	--
TX-03A	04/27/10	13.20	52.8	0.21	5.76	-153	9.5	--	--	--	--	--	--	--
TX-03A	10/25/10	15.50	42.5	1.39	6.68	-115	48	30	--	--	--	6.8	--	--
TX-03A	05/23/11	--	--	--	--	--	--	--	--	--	--	--	--	--
TX-03A	10/27/11	15.44	478	1.72	8.50	-100.9	--	20.3	--	--	--	< 0.50	--	--
TX-03A	03/01/12	12.29	564	0	6.71	-118	12.6	--	--	--	--	--	--	--
TX-03A	06/12/12	14.00	507	4	7.19	-103	4.5	--	--	--	--	--	--	--
TX-03A	09/25/12	17.83	514	0	6.48	-139	15.2	--	--	--	--	--	--	--
TX-03A	11/28/12	13.79	439	0	6.70	-104	--	--	--	--	--	< 0.50	--	--
TX-03A	11/05/13	10.98	528	0.06	6.57	-114	0	4	--	--	--	< 0.50	< 0.200	0.47
TX-03A	11/04/14	16.80	424	0.38	6.49	-39	5.83	6	< 0.10	< 0.10	--	< 0.50	6.18	0.523
TX-03A	12/10/15	15.11	456	0.25	6.51	-103.5	6.7	0.5	< 0.10	< 0.10	--	< 0.50	31.7	0.5
TX-03A	02/22/16	12.73	484	0.30	6.34	-109.1	7.22	--	--	--	--	--	--	--
TX-03A	05/02/16	15.06	418	0.22	6.36	-103.1	3.96	--	--	--	--	--	--	--
TX-03A	08/29/16	18.69	395	2.27	6.84	18	0	--	--	--	--	--	--	--
TX-03A	12/15/16	12.31	295	0.29	6.54	-109.9	8.97	2	< 0.0400	< 0.0400	--	< 0.500	37.8	0.517
TX-03A	03/13/17	11.74	287	0.23	6.74	-109.5	0	--	--	--	--	--	--	--
TX-03A	06/13/17	14.63	322	0.24	6.32	-98	--	--	--	--	--	--	--	--
TX-03A	08/22/17	18.97	317	0	7.07	-87	0	--	--	--	--	--	--	--
TX-03A	12/05/17	13.23	477	1.83	6.57	-104.1	2.77	1.5	< 0.0400	< 0.0400	--	219	25.1	0.784
TX-03A	03/27/18	12.27	465	0.65	6.19	71.9	3.37	--	--	--	--	--	--	--
TX-03A	06/13/18	15.40	407	4.12	6.07	-82.4	0.69	--	--	--	--	--	--	--
TX-03A	09/06/18	19.90	551	0.14	6.24	-76.8	1.26	--	--	--	--	--	--	--
TX-03A	12/20/18	16.50	369	0.10	6.67	-116	16	4.5	< 0.0400	< 0.0400	--	19	6.46	0.465
TX-03A	03/19/19	13.90	550	0.45	7.55	-67.1	8	--	--	--	--	--	--	--
TX-03A	05/16/19	12.64	538	0.51	6.11	-84	12	--	--	--	--	--	--	--
TX-03A	09/17/19	16.79	348	0.97	6.41	3.1	8	--	--	--	--	--	--	--
TX-03A	12/11/19	16.75	1514	1.86	8.64	-94	5	3	<0.0600 J	<0.0600 J	--	704	104	2.99
TX-03A	04/28/20	14.10	881	0.46	7.50	-65.10	12	--	--	--	--	--	--	--
TX-03A	06/29/20	16.13	577	1.24	6.36	-20.20	13	--	--	--	--	--	--	--
TX-03A	09/21/20	18.10	505	0.32	6.22	74	15	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
TX-03A	12/15/20	13.20	501	0.31	7.59	114.00	15	2.40	<0.200	<0.400	--	42.30	26.20	1.16
TX-03A	04/12/21	11.60	259	1.91	6.26	-6.2	40	--	--	--	--	--	--	--
TX-03A	06/16/21	9.02	416	1.35	7.60	39.3	3	--	--	--	--	--	--	--
TX-03A	09/23/21	17.45	633	1.17	6.09	-5.6	7	--	--	--	--	--	--	--
TX-03A	03/28/22	12.57	540	0.12	7.24	126.9	12	--	--	--	--	--	--	--
TX-03A	06/28/22	15.40	521	0.50	6.49	-91.2	14	--	--	--	--	--	--	--
TX-03A	09/21/22	16.84	473	0.41	7.29	348.7	29	--	--	--	--	--	--	--
TX-03A	12/13/22	14.22	368	0.25	6.43	-49.9	8	7.0	--	--	<1.00	8.86	0.109 J	0.927
TX-03A	03/27/23	12.92	494	0.28	7.52	-64.4	19	--	--	--	--	--	--	--
TX-03A	06/14/23	16.15	441	0.89	7.21	-49.4	18	--	--	--	--	--	--	--
TX-03A	09/12/23	18.21	372	0.16	6.50	-109.7	1	--	--	--	--	--	--	--
TX-03A	12/20/23	14.33	339	0.79	6.42	-24.3	17	2.0	--	--	0.121 J	<1.5	0.36 J	0.803
TX-03A	03/11/24	11.84	378	2.82	6.76	-5.8	8	--	--	--	--	--	--	--
TX-03A	06/19/24	15.30	345	0.27	6.23	218.3	13	--	--	--	--	--	--	--
TX-03A	09/19/24	17.50	327	0.85	6.84	-29.2	9	--	--	--	--	--	--	--
TX-03A	12/17/24	12.22	289	2.63	7.26	15.2	13	2.5	--	--	0.0617 J	1.03 J	<0.500	0.525 B
TX-03A	03/24/25	12.00	353	2.91	7.75	52.2	10	--	--	--	--	--	--	--
TX-03A	06/24/25	17.37	355	0.18	7.03	-86.4	21	--	--	--	--	--	--	--
TES-MW-1	12/13/16	8.37	99	7.01	5.86	89	0	--	--	--	--	--	--	--
TES-MW-1	12/06/17	10.00	69	6.02	5.67	39.9	5.7	--	--	--	--	--	--	--
TES-MW-1	12/19/18	11.20	172	1.30	6.68	-96	24	--	--	--	--	--	--	--
TES-MW-1	12/09/19	13.42	172	6.20	6.51	63.9	11	--	--	--	--	--	--	--
TES-MW-1	12/16/20	12.07	98	0.92	7.72	135.70	36	--	--	--	--	--	--	--
TES-MW-1	12/14/21	11.20	93	0.70	7.71	132.1	34	--	--	--	--	--	--	--
TES-MW-1	12/12/22	11.24	430	0.61	6.89	130.7	1	--	--	--	--	--	--	--
TES-MW-1	12/19/23	12.39	90	5.91	5.63	147.3	2	--	--	--	--	--	--	--
TES-MW-1	12/16/24	12.26	106	3.54	6.96	379.3	3	--	--	--	--	--	--	--
TX-04	12/12/16	10.65	353	0.82	7.02	-108	0	--	--	--	--	--	--	--
TX-04	12/05/17	12.06	167	0.68	7.01	-10.8	23.2	--	--	--	--	--	--	--
TX-04	12/18/18	14.50	233	1.26	7.69	-48.3	44	--	--	--	--	--	--	--
TX-04	12/12/19	14.81	295	0.44	8.46	-83.3	14	--	--	--	--	--	--	--
TX-04	12/14/20	14.54	334	0.17	7.81	136.90	7	--	--	--	--	--	--	--

Table 5

**Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Field Parameters							Laboratory Parameters					
		Temperature °C	Conductivity µS/cm	Dissolved Oxygen mg/L	pH	ORP mv	Turbidity NTU	Ferrous Iron mg/L	Nitrogen, Nitrate mg/L	Nitrogen, Nitrite mg/L	Nitrite Nitrate as N mg/L	Sulfate mg/L	Iron Dissolved mg/L	Manganese Dissolved mg/L
TX-04	12/15/21	10.40	207	0.21	8.32	-3.0	17	--	--	--	--	--	--	--
TX-04	12/13/22	12.40	199	0.07	6.40	-47.2	77	--	--	--	--	--	--	--
TX-04	12/19/23	13.95	185	0.11	6.53	-11.2	42	--	--	--	--	--	--	--
TX-04	12/17/24	11.72	313	1.95	6.39	202.1	24	--	--	--	--	--	--	--
TX-06A	12/12/16	11.95	212	0.55	6.55	-97.3	6.56	--	--	--	--	--	--	--
TX-06A	12/05/17	14.43	248	1.15	6.69	-63.6	5.63	--	--	--	--	--	--	--
TX-06A	12/20/18	14.50	257	0.17	6.76	-99	11	--	--	--	--	--	--	--
TX-06A	12/10/19	13.58	230	4.49	5.62	8.6	12	--	--	--	--	--	--	--
TX-06A	12/14/20	13.92	341	0.20	7.74	123.80	17	--	--	--	--	--	--	--
TX-06A	12/15/21	12.10	174	0.25	7.85	9.5	10	--	--	--	--	--	--	--
TX-06A	12/19/23	12.61	1,147	0.07	6.22	3.6	64	2.0	--	--	--	--	--	--
TX-06A	12/16/24	13.70	571	1.87	6.18	389.4	109	--	--	--	--	--	--	--

Notes:

= Indicates data collected during this progress report period

°C = degrees Celsius

B = indicates compound was found in the blank and sample

J = indicates a estimated value

J+ = The result is an estimated quantity, but the result may be biased high.

< = not detected at or above the indicated limit. Beginning June 12, 2012, limits shown are laboratory Method Detection Limits (MDLs). Prior to June 12, 2012, limits shown are laboratory Reporting Limits (RLs).

mg/L = milligrams per liter

mV = millivolts

NM = not measured

NTU = nephelometric turbidity unit

ORP = oxidation-reduction potential

µS/cm = microsiemens per centimeter

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-05	01/15/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	0.37	< 0.5	--
MW-05	04/21/04	0.0015	< 0.001	0.0053	< 0.001	< 0.25	0.41	< 0.5	--
MW-05	07/28/04	0.0015	0.001	< 0.001	0.0017	< 0.25	< 0.25	< 0.5	--
MW-05	10/19/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-05	01/25/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-05	04/18/05	< 0.001	< 0.001	< 0.001	< 0.001	0.072	< 0.25	< 0.5	--
MW-05	07/12/05	< 0.001	< 0.001	< 0.001	< 0.001	0.25	< 0.25	< 0.5	--
MW-05	10/19/05	< 0.001	< 0.001	< 0.001	< 0.001	0.11	< 0.25	< 0.5	--
MW-05	01/26/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	< 0.238	< 0.476	--
MW-05	11/19/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.25	< 0.5	--
MW-05	11/17/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-05	10/29/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.14	< 0.1	--
MW-05	05/23/11	<.0003	<.0005	<.0003	<.0007	0.0744	--	--	--
MW-05	10/25/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	0.115	< 0.095	< 0.19	--
MW-05	11/29/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0954	< 0.095	--
MW-05	11/07/13	< 0.00020	0.00083 J	< 0.00020	0.00087 J	0.345	< 0.049	< 0.097	--
MW-05	11/06/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	0.0507 J	0.137	< 0.094	--
MW-05	12/08/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	< 0.233	< 0.388	--
MW-05	05/04/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000162	70.9 J	< 0.0398	< 0.0598	--
MW-05	12/14/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	< 0.0436	< 0.0654	--
MW-05	06/14/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.0860	< 0.129	--
MW-05	12/07/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.0968 J	0.105 J	< 0.121	--
MW-05	06/12/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.114	< 0.124	--
MW-05	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.230 J	0.119 J	--
MW-05	05/15/19	< 0.000200	< 0.000170	< 0.000190	< 0.000580	0.0589	< 0.108	< 0.118	--
MW-05	12/10/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.111 J	< 0.121	--
MW-05	06/30/20	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.113	< 0.124	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-05	12/14/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	0.163	<0.340	--
MW-05	06/15/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.240	<0.401	--
MW-05	12/15/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.254	<0.424	--
MW-05	04/18/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.235	<0.392	--
MW-05	06/29/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.243	<0.405	--
MW-05	12/14/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.387	0.191 J	--
MW-05	06/13/23	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.241	<0.401	--
MW-05	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.238	0.680	--
MW-05	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.122 J	0.224 J	--
MW-05	12/18/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	<0.208	0.154 J	--
MW-05	06/23/25	<0.000240	<0.000390	<0.000500	<0.000530	<0.0730	0.280	0.301 J	--
MW-101	01/16/04	< 0.001	< 0.001	< 0.001	0.0028	0.55	< 0.25	< 0.5	--
MW-101	04/20/04	0.0016	< 0.001	< 0.001	0.0014	0.67	< 0.25	< 0.5	--
MW-101	07/28/04	0.0012	< 0.001	< 0.001	0.0011	1.0	< 0.25	< 0.5	--
MW-101	10/18/04	0.0011	< 0.001	< 0.001	< 0.001	0.42	< 0.25	< 0.5	--
MW-101	01/26/05	< 0.001	< 0.001	< 0.001	0.0011	0.51	< 0.25	< 0.5	--
MW-101	04/19/05	0.0016	< 0.001	< 0.001	< 0.001	0.58	< 0.25	< 0.5	--
MW-101	07/13/05	< 0.001	< 0.001	< 0.001	< 0.001	0.31	< 0.25	< 0.5	--
MW-101	10/10/05	< 0.001	< 0.001	< 0.001	< 0.001	0.16	< 0.25	< 0.5	--
MW-101	01/27/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	0.223	< 0.236	< 0.476	--
MW-101	11/18/08	< 0.005	< 0.005	< 0.005	< 0.005	0.1	< 0.25	< 0.5	--
MW-101	11/18/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-101	10/26/10	< 0.0005	< 0.001	< 0.001	< 0.001	0.15	0.13	< 0.1	--
MW-101	10/27/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	0.0936	< 0.10	< 0.20	--
MW-101	11/26/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	0.188 J	0.0937 J	< 0.10	--
MW-101	11/06/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	0.118 J	< 0.0048	< 0.0095	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-101	11/04/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.0048	< 0.0095	--
MW-101	12/09/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	0.129	< 0.201	--
MW-101	12/13/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.101	0.0983 J	< 0.0632	--
MW-101	12/06/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.237	0.246 J	< 0.127	--
MW-101	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.127 J	0.157 J	< 0.115	--
MW-101	12/09/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.155 J	< 0.125	--
MW-101	12/16/20	<0.00020 J	<0.0002 J	<0.00020 J	<0.0005 J	<0.250	<0.238	<0.397	--
MW-101	12/14/21	<0.000400	<0.00100	<0.00100	<0.00300	0.433	0.305	0.128 J	--
MW-101	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.247	<0.411	--
MW-101	12/19/23	<0.00100	<0.00100	<0.00100	<0.00200	0.208	0.139	0.127 J	--
MW-101	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	0.322	2.85	0.480	--
MW-102	01/14/04	0.0021	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-102	04/21/04	0.0036	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-102	07/28/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-102	10/18/04	0.0011	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-102	01/25/05	0.0024	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-102	04/18/05	0.0027	< 0.001	< 0.001	< 0.001	< 0.05	< 0.25	< 0.5	--
MW-102	07/13/05	< 0.001	< 0.001	< 0.001	< 0.001	0.077	< 0.25	< 0.5	--
MW-102	10/19/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	< 0.25	< 0.5	--
MW-102	01/26/06	0.00498	< 0.0005	0.00174	0.00201	< 0.05	< 0.238	< 0.472	--
MW-102	11/19/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.25	< 0.5	--
MW-102	11/18/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-102	10/28/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-102	10/26/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.20	0.113	< 0.20	--
MW-102	11/28/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.050	< 0.10	--
MW-102	11/07/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.047	0.144 J	--

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**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-102	11/04/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0568 J	< 0.094	--
MW-102	12/08/15	< 0.0020	< 0.0010	< 0.0010	< 0.0030	< 0.100	< 0.233	< 0.388	--
MW-102	12/14/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	< 0.0413	< 0.0620	--
MW-102	12/05/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.0834	< 0.125	--
MW-102	12/05/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.0834	< 0.125	--
MW-102	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.774	0.197 J	--
MW-102	12/10/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.151 J	<0.123	--
MW-102	12/16/20	<0.00020 J	<0.0002 J	<0.00020 J	<0.0005 J	<0.250	<0.248	<0.413	--
MW-102	12/16/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.240	<0.401	--
MW-102	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.226	0.143 J	--
MW-102	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.0869 J	0.133 J	--
MW-102	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.440	0.356 J	--
MW-104	01/15/04	0.0019	< 0.001	0.15	0.1028	2.7	1.2	< 0.5	0.00555
MW-104	01/15/04	0.0012	< 0.001	0.1	0.0706	2	1.3	< 0.5	< 0.005
MW-104	04/21/04	0.0066	0.0025	0.35	0.0931	4.3	1.7	< 0.5	0.00575
MW-104	07/28/04	0.0018	< 0.001	0.048	0.017	2.2	0.87	< 0.5	< 0.005
MW-104	07/28/04	0.0017	< 0.001	0.049	0.019	2.1	1.3	< 0.5	< 0.005
MW-104	10/19/04	< 0.001	< 0.001	0.0021	0.0016	< 0.25	0.61	< 0.5	< 0.005
MW-104	01/24/05	< 0.001	< 0.001	0.0012	< 0.001	< 0.25	0.74	< 0.5	< 0.005
MW-104	04/18/05	< 0.001	< 0.001	0.057	0.0067	1.4	1.2	< 0.5	< 0.005
MW-104	07/12/05	0.0014	< 0.001	0.11	0.012	1.8	0.7	< 0.5	< 0.005
MW-104	10/19/05	< 0.001	< 0.001	0.024	0.0049	0.29	0.62	< 0.5	< 0.005
MW-104	01/25/06	0.00245	0.00129	0.33	0.0273	2.07	3.73	< 0.962	0.0077
MW-104	10/30/07	--	--	--	--	1.25	--	--	< 0.002
MW-104	05/20/08	--	--	--	--	4.00	2.10	< 0.5	--
MW-104	11/18/08	--	--	--	--	0.13	0.69	< 0.5	< 0.005

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Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-104	04/08/09	--	--	--	--	1.80	1.60	< 0.1	0.00326
MW-104	11/17/09	< 0.0005	< 0.001	0.0016	< 0.001	0.21	0.17	< 0.1	0.00778
MW-104	04/27/10	--	--	--	--	3.90	2.50	0.27	0.00232
MW-104	10/26/10	--	--	--	--	0.23	0.23	< 0.1	--
MW-104	05/23/11	<0.0006	0.003	0.104	0.0018	4.44	0.45	<0.097	< 0.01
MW-104	10/25/11	--	--	--	--	3.38	0.413	< 0.20	< 0.01
MW-104	03/01/12	0.00079 J	0.0015	0.0467	0.0016 J	3.69	--	--	--
MW-104	06/13/12	--	--	--	--	4.78	0.423	< 0.10	< 0.01
MW-104	09/26/12	0.00066 J	0.0024	0.0509	0.0019 J	4.54	--	--	--
MW-104	11/29/12	0.00038 J	0.00037 J	0.0113	< 0.00046	0.592	0.315	< 0.098	--
MW-104	05/14/13	--	--	--	--	5.07	0.601	< 0.096	< 0.01
MW-104	11/07/13	--	--	--	--	3.62	0.666 J	< 0.095	< 0.01
MW-104	04/24/14	--	--	--	--	5.68	1.13	0.100 J	< 0.01
MW-104	11/05/14	--	--	--	--	0.441	0.527	0.221	< 0.01
MW-104	05/20/15	--	--	--	--	2.82	0.686	< 0.097	< 0.01
MW-104	12/09/15	--	--	--	--	< 0.100	0.408	< 0.398	< 0.00200
MW-104	05/05/16	--	--	--	--	7.45	2.85	0.144 J	0.00285
MW-104	12/14/16	--	--	--	--	3.61	2.22	0.155 J	0.000902 J
MW-104	06/14/17	--	--	--	--	4.85	2.9	0.159 J	0.00444
MW-104	12/07/17	< 0.0000993	< 0.000312	0.00411	< 0.000442	0.53	1.34	0.126 J	--
MW-104	06/12/18	--	--	--	--	3.04	1.86	< 0.122	0.00207 J
MW-104	12/19/18	--	--	--	--	0.552	2.25	0.967	0.00185 J
MW-104	05/15/19	--	--	--	--	2.59	1.64	0.316 J	0.00163 J
MW-104	12/10/19	--	--	--	--	0.956	0.713	< 0.122	< 0.000995
MW-104	06/30/20	--	--	--	--	1.02	0.914	0.117 J	0.00408
MW-104	12/14/20	<0.00020	<0.0002	0.00171	<0.0005	0.487	1.56	1.31	<0.004
MW-104	06/15/21	--	--	--	--	0.948	0.753	<0.395	<0.0600

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Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-104	12/15/21	--	--	--	--	0.300	0.456	0.175 J	<0.0600
MW-104	04/18/22	--	--	--	--	0.896	0.503	<0.393	<0.0600
MW-104	06/29/22	<0.000400	<0.00100	0.00106	<0.00300	0.648	0.381	<0.413	<0.0600
MW-104	12/14/22	--	--	--	--	0.153	2.57	1.01	<0.0600
MW-104	06/13/23	--	--	--	--	0.160	0.261	<0.393	0.00195 J
MW-104	12/19/23	--	--	--	--	0.466	1.68	1.14	0.00118 J
MW-104	06/19/24	--	--	--	--	1.20	1.24	0.856	0.00368
MW-104	12/18/24	--	--	--	--	0.0979 J	0.152 J	0.166 J	0.00305
MW-104	06/23/25	--	--	--	--	1.78	0.953	0.470	0.00337
MW-105	01/15/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	1.4	< 0.5	0.00647
MW-105	04/21/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	0.65	< 0.5	0.00793
MW-105	07/27/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	2.2	< 0.5	0.0128
MW-105	10/19/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	1.8	< 0.5	0.0311
MW-105	01/24/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	3	< 0.5	0.00824
MW-105	04/18/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	1.3	0.78	0.00615
MW-105	07/12/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	1.7	< 0.5	< 0.005
MW-105	10/18/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	1.7	0.66	< 0.005
MW-105	01/25/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	3.95	< 0.962	0.00321
MW-105	11/19/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	--	--	< 0.005
MW-105	11/17/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.17	< 0.1	0.021
MW-105	10/26/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	--	--	--
MW-105	10/25/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.20	0.253	< 0.20	< 0.01
MW-105	11/26/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.291	< 0.098	< 0.01
MW-105	11/07/13	< 0.00020	< 0.00020	< 0.00020	< 0.000046	< 0.050	0.189	< 0.095	0.0179
MW-105	11/05/14	< 0.00020	< 0.00020	< 0.00020	< 0.000046	< 0.050	0.377	0.192	< 0.01
MW-105	12/08/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	0.406	0.408	0.0152

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-105	12/14/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	0.850	0.377	0.0116
MW-105	12/06/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.146 J	0.624	0.176 J	< 0.00200
MW-105	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.672	0.737	0.0107
MW-105	12/11/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.388	0.382 J	0.00754
MW-105	12/14/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	1.81	0.972	0.00421
MW-105	12/15/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.523	0.670	0.0324 J
MW-105	12/14/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	1.25	0.679	0.0143 J
MW-105	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	1.47	1.29	0.0336
MW-105	12/17/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.153 J	0.416	0.00921
MW-111	01/15/04	0.047	< 0.001	< 0.001	< 0.001	< 0.25	0.98	< 0.5	--
MW-111	04/21/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	0.48	< 0.5	--
MW-111	07/27/04	0.015	< 0.001	< 0.001	0.0012	< 0.25	0.45	< 0.5	--
MW-111	10/19/04	0.036	0.0012	< 0.001	0.0035	0.35	0.45	< 0.5	--
MW-111	01/25/05	0.079	< 0.005	< 0.005	< 0.005	0.58 J	0.63	< 0.5	--
MW-111	04/18/05	< 0.001	< 0.001	< 0.001	< 0.001	0.096	< 0.25	< 0.5	--
MW-111	07/12/05	0.0094	< 0.001	< 0.001	< 0.001	0.23	0.26	< 0.5	--
MW-111	10/18/05	0.017	< 0.001	< 0.001	0.0013	0.26	0.27	< 0.5	--
MW-111	01/25/06	0.0956	0.00189	0.000796	0.0037	0.683	0.998	< 0.481	--
MW-111	11/19/08	0.014	< 0.005	< 0.005	< 0.005	0.230	0.370	< 0.5	--
MW-111	11/17/09	0.041	< 0.001	< 0.001	< 0.001	0.240	0.110	< 0.1	--
MW-111	10/26/10	0.0043	< 0.001	< 0.001	< 0.001	< 0.1	0.120	< 0.1	--
MW-111	05/23/11	0.00064	<.0005	<.0003	<.0007	<0.050	--	--	--
MW-111	10/25/11	0.00094	< 0.0010	< 0.0010	< 0.0020	< 0.20	0.122	< 0.20	--
MW-111	11/29/12	0.0248	0.001	< 0.00020	0.0012 J	0.371	0.269	< 0.10	--
MW-111	11/07/13	0.0845	0.001	0.00023 J	0.00069 J	0.208	0.174	< 0.095	--
MW-111	11/05/14	0.0574	0.0012	0.00083 J	0.00047 J	0.232	0.167	0.118 J	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-111	12/08/15	0.386	0.00649	0.00291	0.00333	0.944	0.335	<0.388	--
MW-111	05/04/16	0.0719	0.00157	0.00158	0.00125 J	0.294	0.141	< 0.0598	--
MW-111	12/14/16	0.248	0.00375 J	0.00243 J	<0.00442	0.739 J	0.343	0.0883 J	--
MW-111	06/14/17	0.00575	0.000480 J	< 0.000198	0.000466 J	0.0836 J	0.142 J	< 0.123	--
MW-111	12/06/17	0.202	0.00632	0.00214	0.00507	0.792	0.597	< 0.132	--
MW-111	06/12/18	0.0273	0.00181	0.000334 J	0.00238 J	0.227	0.210 J	< 0.123	--
MW-111	12/19/18	0.0592	0.00574	0.0012	0.00475	0.766	1.27	0.462	--
MW-111	05/15/19	0.00484	< 0.000170	< 0.000190	< 0.000580	0.149	0.195 J	< 0.117	--
MW-111	12/11/19	0.000270 J	< 0.000312	< 0.000198	< 0.000422	< 0.0704	0.255 J	< 0.125	--
MW-111	06/29/20	0.00124	0.000637 J	< 0.000198	0.000648 J	0.0898 J	< 0.110	< 0.120	--
MW-111	12/14/20	0.00163	0.000945	<0.00020	0.00118	<0.250	0.346	0.348	--
MW-111	06/15/21	0.000251 J	0.000593 J	<0.00100	0.00100 J	0.120 J	<0.233	<0.389	--
MW-111	12/15/21	0.00337	0.00161	0.000247 J	0.00166 J	0.421	0.340	0.149 J	--
MW-111	04/18/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.229	<0.381	--
MW-111	06/27/22	0.00274	<0.00100	<0.00100	<0.00300	0.110 J	0.118 J	<0.402	--
MW-111	12/14/22	0.0538	0.00333	0.000527 J	0.00259 J	0.490	1.31	0.326 J	--
MW-111	06/13/23	0.00132	<0.00100	<0.00100	<0.00300	<0.150	<0.232	<0.387	--
MW-111	12/19/23	0.0424	0.00191	<0.00100	0.00187 J	0.129	0.616	0.445	--
MW-111	06/17/24	0.00441	<0.00100	<0.00100	<0.00200	<0.150	0.142 J	0.199 J	--
MW-111	12/18/24	0.00904	0.000709 J	<0.00100	<0.00200	0.105 J	0.320	0.323 J	--
MW-111	06/23/25	0.00219	<0.000390	<0.000500	<0.000530	<0.0730	0.120 J	<0.127	--
MW-112A	01/15/04	0.02	< 0.001	< 0.001	< 0.001	0.25	0.63	< 0.5	--
MW-112A	04/21/04	< 0.005	< 0.005	< 0.005	< 0.005	< 1.2	0.56	< 0.75	--
MW-112A	07/27/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	0.51	< 0.5	--
MW-112A	10/19/04	0.0013	< 0.001	< 0.001	< 0.001	< 0.25	0.68	< 0.5	--
MW-112A	01/24/05	0.003	0.0012	< 0.001	0.001	0.44	0.65	< 0.5	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-112A	04/20/05	< 0.001	< 0.001	< 0.001	< 0.001	0.42	1.4	< 0.5	--
MW-112A	07/12/05	0.0029	< 0.001	< 0.001	< 0.001	0.28	0.48	< 0.5	--
MW-112A	10/18/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	< 0.25	< 0.5	--
MW-112A	01/26/06	0.00211	< 0.0005	< 0.0005	< 0.001	0.236	0.602	< 0.485	--
MW-112A	11/19/08	< 0.005	< 0.005	< 0.005	< 0.005	0.300	1.30	< 0.5	--
MW-112A	11/18/09	0.00075	< 0.001	< 0.001	< 0.001	0.200	0.230	< 0.1	--
MW-112A	10/29/10	0.036	< 0.001	< 0.001	0.0015	0.770	0.600	< 0.1	--
MW-112A	05/24/11	0.00041	<0.0005	<0.0003	<0.0007	0.129	--	--	--
MW-112A	10/25/11	0.0055	< 0.0010	< 0.0010	< 0.0020	0.292	0.200	< 0.20	--
MW-112A	11/25/12	0.0058	0.00022 J	0.00037 J	< 0.00046	0.197 J	0.282	< 0.10	--
MW-112A	11/04/13	0.0238	0.00068 J	0.0376	0.0012 J	0.909	1.72	< 0.19	--
MW-112A	11/06/14	0.0156	0.0014	0.028	0.0016 J	0.760	1.43	0.295	--
MW-112A	12/08/15	0.0297	0.00368	0.00219	0.00406	1.31	5.89	< 0.389	--
MW-112A	05/05/16	0.0248	0.00131	0.0992	0.00688	1.75	7.96	0.132 J	--
MW-112A	12/12/16	0.0426	0.00666	0.0109	0.0103	2.27	2.77	0.180 J	--
MW-112A	06/15/17	0.0348	0.0037	0.02	0.00464 J	1.46	7.34	0.210 J	--
MW-112A	12/07/17	0.00111	0.00169	< 0.000198	0.00196 J	0.811	1.71	0.151 J	--
MW-112A	06/13/18	0.0289	0.00297	0.134	0.00748	2.39	12.6	0.150 J	--
MW-112A	12/20/18	0.00166	0.00171	0.000248 J	0.00196 J	0.728	2.93	0.789	--
MW-112A	05/16/19	0.0111	0.00173	0.0231	0.00208 J	2.00	2.37	0.222 J	--
MW-112A	12/12/19	0.0149	0.00296	0.00154	0.00385	1.91	12.2	0.419 J	--
MW-112A	06/30/20	0.00354 J	0.000903 J	0.0215 J	0.00155 J	1.05	3.62	0.204 J	--
MW-112A	12/14/20	0.00442	0.00253	0.00186	0.00375	1.77 J+	2.30	1.02	--
MW-112A	06/15/21	0.00207	0.000659 J	0.00702	0.00189 J	0.976	2.58	0.161 J	--
MW-112A	12/15/21	0.00235	0.00147	0.000665 J	0.00213 J	2.34	1.10	0.215 J	--
MW-112A	04/18/22	0.00102	0.000759 J	0.0279	0.00269 J	1.87	1.39	<0.389	--
MW-112A	06/28/22	0.00139	0.000935 J	0.0106	0.00263 J	1.26	0.675	<0.407	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-112A	12/13/22	0.00263	0.00159	0.000729 J	0.00225 J	1.06	2.67	0.686	--
MW-112A	06/13/23	0.00246	0.00125	0.0289	0.00317	1.29	2.56	<0.389	--
MW-112A	12/19/23	0.00244	0.00245	0.00129	0.00423	1.09	3.22	0.883	--
MW-112A	06/18/24	0.00195	0.00148	0.0471	0.00349	1.78	5.30	0.644	--
MW-112A	12/17/24	0.00170	0.00175	0.000914 J	0.00157 J	1.43	4.44	1.19	--
MW-112A	06/24/25	0.00175	0.00130	0.0367	0.00266	2.24	5.51	0.698	--
MW-113	06/27/22	0.156	0.00522	0.00405	0.00540	<15	0.933	0.156 J	--
MW-113	12/14/22	0.0650	0.00466	<0.00100	<0.00300	0.177	1.24	0.440	--
MW-113	06/13/23	0.396	0.0322	0.00572	0.00476	0.488	1.30	<0.389	--
MW-113	12/19/23	0.0513	0.0156	<0.00100	0.000649 J	0.153	0.868	0.481	--
MW-113	06/17/24	0.162	0.0248	0.00724 J	0.0209	0.412	3.56 J-	1.18 J-	--
MW-113	12/17/24	0.0246	0.00357	0.00164	0.00304	0.172	0.757	0.381	--
MW-113	06/24/25	0.0554	0.00368	0.00267	0.0102	0.251	1.41	0.510	--
MW-114	06/27/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.413	0.16 J	--
MW-114	12/14/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.339	0.523	--
MW-114	06/13/23	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.246	<0.411	--
MW-114	12/19/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.144	0.447	--
MW-114	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.118 J	0.286 J	--
MW-114	12/17/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.209 J	0.641 J-	--
MW-114	06/24/25	<0.000240	<0.000390	<0.000500	<0.000530	<0.0730	<0.0911	0.169 J	--
MW-115	06/27/22	<0.000400	<0.00100	<0.00100	<0.00300	0.372	4.93	0.24 J	--
MW-115	12/14/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	1.24	0.42 J	--
MW-115	06/13/23	<0.000400	<0.00100	<0.00100	<0.00300	0.328	2.77	<0.39	--
MW-115	12/19/23	<0.00100	<0.00100	<0.00100	<0.00200	0.334	2.46	0.872	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-115	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200	0.993	4.01	1.34	--
MW-115	12/17/24	<0.00100	<0.00100	<0.00100	<0.00200	0.193	0.756	0.637	--
MW-115	06/24/25	<0.000240	<0.000390	<0.000500	<0.000530	0.775	3.42	0.889	--
MW-201	01/14/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-201	04/20/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-201	01/26/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	0.33	< 0.5	--
MW-201	04/20/05	< 0.001	< 0.001	< 0.001	0.0021	< 0.25	< 0.25	< 0.5	--
MW-201	07/13/05	< 0.001	< 0.001	< 0.001	< 0.001	0.12	0.7	< 0.5	--
MW-201	10/20/05	< 0.001	< 0.001	< 0.001	< 0.001	0.22	4.6	2.3	--
MW-201	01/26/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.050	0.342	< 0.476	--
MW-201	11/20/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	0.41	< 0.5	--
MW-201	11/19/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-201	10/27/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.18	< 0.1	--
MW-201	10/26/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	0.0899	1.46	0.181	--
MW-201	11/27/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.122	< 0.10	--
MW-201	11/06/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	0.0964 J	0.520	< 0.094	--
MW-201	11/06/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.173	0.195	--
MW-201	12/10/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	0.121	0.323	< 0.389	--
MW-201	12/13/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	0.203	0.174 J	--
MW-201	12/06/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.159 J	< 0.132	--
MW-201	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.281	0.383 J	--
MW-201	12/16/20	<0.00020 J	<0.0002 J	<0.00020 J	<0.0005 J	<0.250	0.315	<0.368	--
MW-201	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.556	0.163 J	--
MW-201	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.255	0.551	--
MW-201	12/18/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.204	0.419	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-202	01/14/04	< 0.001	< 0.001	< 0.001	< 0.001	2.5	15	< 10	--
MW-202	04/20/04	0.014	0.0062	0.074	0.021	4.4	28	< 10	--
MW-202	01/26/05	< 0.005	< 0.005	< 0.005	< 0.005	7.7	5.2	< 5	--
MW-202	04/20/05	0.016	0.0022	0.036	0.0237	3.7	6.2	< 5	--
MW-202	07/13/05	0.016	0.0033	0.067	0.0191	3.5	6.2	< 1	--
MW-202	10/20/05	0.019	0.0021	0.058	0.0056	3.3	5.9	< 2.5	--
MW-202	01/26/06	0.0224	0.00598	0.041	0.0191	5.79	11.2	< 4.76	--
MW-202	04/25/06	0.00749	0.00378	0.062	0.0124	6.78	8.7	<4.85	--
MW-202	10/12/06	0.00936	0.00339	0.0828	0.00616	5.65	11.5	0.834	--
MW-202	04/26/07	0.00825	0.0048	0.063	<0.015	4.78	8.24	1.05	--
MW-202	10/30/07	--	--	--	--	4.55	10.9	< 1	--
MW-202	05/20/08	--	--	--	--	2.3	1.8	< 2.5	--
MW-202	11/20/08	--	--	--	--	5.0	2.2	< 0.5	--
MW-202	04/07/09	--	--	--	--	4.8	14	< 0.1	--
MW-202	11/19/09	--	--	--	--	6.6	20	< 0.5	--
MW-202	04/27/10	--	--	--	--	3.3	6.4	0.12	--
MW-202	10/27/10	0.0081	0.0031	0.066	0.0022	6.0	5.4	< 0.1	--
MW-202	05/23/11	--	--	--	--	3.5	1.84	< 0.097	--
MW-202	10/26/11	--	--	--	--	4.3	1.02	< 0.21	--
MW-202	03/02/12	0.0053	0.0019	0.0107	0.0013 J	3.87	--	--	--
MW-202	06/13/12	--	--	--	--	3.31	1.54	< 0.10	--
MW-202	09/26/12	0.0058	0.0029 J	0.0378	< 0.0018	4.07	--	--	--
MW-202	11/27/12	0.0113	0.0034	0.0274	0.0022	6.07	2.67	< 0.30	--
MW-202	05/15/13	--	--	--	--	3.83	1.62	< 0.096	--
MW-202	11/06/13	< 0.00020	0.0027	0.0335	0.0012 J	4.68	1.29	< 0.095	--
MW-202	04/22/14	--	--	--	--	3.22	2.18	< 0.28	--
MW-202	11/06/14	0.0083	0.0026	0.0154	0.0011	5.10	2.45	0.282 J	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
	Site-Specific Cleanup Level:	0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-202	05/19/15	--	--	--	--	2.96	0.842	< 0.096	--
MW-202	12/10/15	0.00419	0.00124	0.00277	< 0.0030	5.67	27.2	0.565	--
MW-202	05/03/16	--	--	--	--	2.89	2.29	0.111 J	--
MW-202	12/13/16	0.00606	0.0028	0.00901	0.00110 J	2.92	4.04	0.201	--
MW-202	06/14/17	--	--	--	--	2.58	3.68	0.134 J	--
MW-202	12/06/17	0.00102	< 0.000312	0.00144	0.00129 J	3.02	25.8	0.402 J	--
MW-202	06/14/18	--	--	--	--	1.49	4.10	0.166 J	--
MW-202	12/19/18	0.00178	0.000839 J	0.00444	0.00187 J	4.74	48.3	1.69	--
MW-202	05/16/19	--	--	--	--	3.04	11.8	0.718	--
MW-202	12/10/19	0.00179	0.00159	0.0128	0.00202 J	4.29	24	0.534	--
MW-202	06/29/20	--	--	--	--	1.78	13.1	0.412	--
MW-202	12/16/20	0.00132 J	0.000409 J-	0.00236 J	<0.0005 J	3.47	36.6	0.641	--
MW-202	06/14/21	--	--	--	--	1.32	4.52	0.327 J	--
MW-202	12/16/21	0.00275	0.000751 J	0.00121	0.00169 J	3.71	17.0	0.706	--
MW-202	06/29/22	--	--	--	--	3.33	2.84	1.09	--
MW-202	12/12/22	0.00314	0.00111	0.00193	0.00155 J	2.98	22.1	0.505	--
MW-202	06/12/23	--	--	--	--	0.947	2.18	0.365 J	--
MW-202	12/18/23	0.00276	0.000818 J	0.000989 J	0.00672 J	1.05	14.5	0.990	--
MW-202	06/18/24	--	--	--	--	0.488	3.43	0.688	--
MW-202	12/18/24	0.00278	0.000939 J	0.00142	0.000739 J	1.08	6.90	0.843	--
MW-202	06/23/25	--	--	--	--	0.508	1.92	0.353	--
MW-203	01/13/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-203	04/19/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	0.26	< 0.5	--
MW-203	07/27/04	0.013	< 0.001	0.0069	< 0.001	2.6	0.45	< 0.5	--
MW-203	10/19/04	0.013	< 0.001	0.015	0.0025	1.6	< 0.25	< 0.5	--
MW-203	10/19/04	0.017	< 0.001	0.012	0.0018	1.4	< 0.25	< 0.5	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-203	01/25/05	0.0063	< 0.001	0.011	0.0013	1.6	0.52	0.68	--
MW-203	04/19/05	0.0068	< 0.001	0.0018	< 0.001	0.63	< 0.25	0.55	--
MW-203	07/13/05	0.01	< 0.001	0.0077	< 0.001	0.89	< 0.25	< 0.5	--
MW-203	10/20/05	0.023	0.002	0.021	0.0026	4.2	2.1	1.1	--
MW-203	01/23/06	0.00186	< 0.0005	0.00182	0.00125	0.76	0.565	< 0.943	--
MW-203	04/26/16	0.00694	0.00076	0.00079	<0.003	1.38	0.660	0.625	--
MW-203	10/13/16	0.023	0.00553	0.00448	0.00652	6.22	7.39	1.34	--
MW-203	04/27/17	0.00502	<0.0005	0.00053	<0.003	1.24	0.507	0.515	--
MW-203	05/20/08	--	--	--	--	0.60	0.32	< 0.5	--
MW-203	11/18/08	--	--	--	--	0.17	< 0.25	< 0.5	--
MW-203	04/08/09	--	--	--	--	< 0.1	0.12	0.11	--
MW-203	11/17/09	--	--	--	--	< 0.1	< 0.1	< 0.1	--
MW-203	04/26/10	--	--	--	--	0.16	0.18	< 0.1	--
MW-203	10/25/10	--	--	--	--	0.92	0.36	< 0.1	--
MW-203	05/23/11	--	--	--	--	0.333	0.0854	0.314	--
MW-203	10/26/11	--	--	--	--	1.38	0.262	0.118	--
MW-203	06/13/12	--	--	--	--	0.459	0.134	0.332	--
MW-203	11/27/12	--	--	--	--	1.05	0.0943 J	< 0.10	--
MW-203	05/15/13	--	--	--	--	0.144 J	< 0.048	< 0.096	--
MW-203	11/06/13	--	--	--	--	0.680	< 0.047	< 0.094	--
MW-203	04/22/14	--	--	--	--	0.164	0.210 J	0.732 J	--
MW-203	11/06/14	--	--	--	--	0.102	0.0933 J	0.168 J	--
MW-203	05/19/15	--	--	--	--	0.285	0.166	0.170 J	--
MW-203	12/09/15	--	--	--	--	< 0.100	0.319	< 0.394	--
MW-203	05/04/16	--	--	--	--	0.575	0.161	0.133 J	--
MW-203	5/5/2016 DUP	--	--	--	--	0.534	0.151	0.134 J	--
MW-203	12/13/16	--	--	--	--	0.203	0.234	0.125 J	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-203	06/14/17	--	--	--	--	0.0898 J	0.212 J	0.172 J	--
MW-203	12/08/17	--	--	--	--	1.56	0.323	< 0.122	--
MW-203	06/14/18	--	--	--	--	0.156	0.152 J	0.167 J	--
MW-203	12/20/18	--	--	--	--	0.107 J	0.806	0.944	--
MW-203	05/16/19	--	--	--	--	0.471	0.185 J	0.159 J	--
MW-203	12/10/19	--	--	--	--	1.74	0.495	0.189 J	--
MW-203	06/29/20	--	--	--	--	0.256	0.209 J	0.181 J	--
MW-203	12/15/20	--	--	--	--	0.282	<0.229	0.930	--
MW-203	06/15/21	--	--	--	--	<0.150	<0.246	0.267 J	--
MW-203	12/16/21	--	--	--	--	0.129 J	0.138 J	0.273 J	--
MW-203	06/28/22	--	--	--	--	0.0343 J	0.645	1.56	--
MW-203	12/14/22	--	--	--	--	0.227	0.993	0.350 J	--
MW-203	06/12/23	--	--	--	--	0.944	2.91	0.383	--
MW-203	12/20/23	--	--	--	--	<0.100	0.0750 J	0.226 J	--
MW-203	06/18/24	--	--	--	--	0.0923 J	0.397	0.754	--
MW-203	12/16/24	--	--	--	--	0.823	0.470	0.665	--
MW-203	06/25/25	--	--	--	--	0.101 J	0.179 J	0.441	--
MW-204	07/27/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	1.6	< 0.5	--
MW-204	01/26/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	6.2	< 1	--
MW-204	04/18/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	1.5	0.79	--
MW-204	07/13/05	< 0.001	< 0.001	< 0.001	< 0.001	0.076	1.1	0.59	--
MW-204	10/19/05	< 0.001	< 0.001	< 0.001	< 0.001	0.082	0.45	< 0.5	--
MW-204	01/26/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	5.53	< 0.952	--
MW-204	04/25/06	<0.0005	<0.0005	<0.0005	<0.003	0.0755	2.51	1.11	--
MW-204	10/12/06	<0.0005	<0.0005	<0.0005	<0.003	0.0634	0.896	0.519	--
MW-204	04/26/07	<0.0005	<0.0005	<0.0005	<0.003	0.0855	1.81	0.749	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-204	10/30/07	--	--	--	--	< 0.05	--	--	--
MW-204	11/20/08	< 0.005	< 0.005	< 0.005	< 0.005	0.13	1	< 0.5	--
MW-204	11/19/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	3.5	0.16	--
MW-204	10/27/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.29	< 0.1	--
MW-204	10/27/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	0.066	0.599	< 0.20	--
MW-204	11/27/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.975	< 0.10	--
MW-204	11/06/13	0.00057 J	< 0.00020	< 0.00020	< 0.00046	0.0762 J	0.28	0.0976 J	--
MW-204	11/06/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.505	0.321	--
MW-204	12/10/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	0.579	< 0.388	--
MW-204	12/13/16	0.000187 J	< 0.000312	0.000555 J	< 0.000442	< 0.0178	0.507	0.215	--
MW-204	12/06/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.786	0.232 J	--
MW-204	12/19/18	0.000204 J	< 0.000312	< 0.000198	< 0.000442	0.138 J	0.599	0.729	--
MW-204	12/10/19	0.00105	< 0.000312	< 0.000198	< 0.000442	<0.0704	0.238 J	0.128 J	--
MW-204	12/16/20	0.0003 J	0.000245 J-	<0.00020 J	<0.0005 J	<0.250	0.303	0.405	--
MW-204	12/16/21	0.000342 J	<0.00100	<0.00100	<0.00300	<0.150	0.379	0.413	--
MW-204	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.351	0.458	--
MW-204	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.364	0.601	--
MW-204	12/16/24	0.000287 J	<0.00100	<0.00100	<0.00200	<0.150	0.386	0.730	--
MW-206A	01/22/04	< 0.001	< 0.001	< 0.001	0.004	< 0.25	< 0.25	< 0.5	--
MW-206A	04/19/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-206A	07/27/04	< 0.005	< 0.005	< 0.005	< 0.005	< 1.2	1.8	0.78	--
MW-206A	10/19/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	2	1.1	--
MW-206A	01/25/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	2.1	2.2	--
MW-206A	04/18/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	1.3	1.5	--
MW-206A	07/13/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	1.2	1.9	--
MW-206A	10/20/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	2.1	7.9	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-206A	01/26/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	4.41	2.54	--
MW-206A	11/20/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.25	2.1	1.7	--
MW-206A	11/19/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.1	< 0.1	--
MW-206A	10/25/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	0.18	--
MW-206A	10/26/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.20	0.141	< 0.20	--
MW-206A	11/27/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.116	0.111 J	--
MW-206A	11/06/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.047	< 0.094	--
MW-206A	11/06/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.236	0.392	--
MW-206A	12/08/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	< 0.242	< 0.403	--
MW-206A	12/12/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	0.180	0.135 J	--
MW-206A	12/08/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.258	0.239 J	--
MW-206A	12/20/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	2.25	3.96	--
MW-206A	12/10/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.591	0.396	--
MW-206A	12/16/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	<0.236	<0.394	--
MW-206A	12/16/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.150 J	0.215 J	--
MW-206A	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.264	0.575	--
MW-206A	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.246	0.783	--
MW-206A	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.238	0.639	--
MW-213	01/14/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-213	04/20/04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.25	< 0.25	< 0.5	--
MW-213	07/28/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-213	10/19/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-213	01/25/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-213	04/19/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	< 0.25	< 0.5	--
MW-213	07/12/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	< 0.25	< 0.5	--
MW-213	10/20/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	0.34	< 0.5	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
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Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-213	01/26/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	0.653	< 0.495	--
MW-213	10/30/07	< 0.001	< 0.001	< 0.001	< 0.003	--	--	--	--
MW-213	11/19/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.25	< 0.25	< 0.5	--
MW-213	04/07/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-213	11/18/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-213	04/26/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-213	10/28/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
MW-213	05/24/11	<0.0003	<0.0005	<0.0003	<0.0007	< 0.050	< 0.049	< 0.098	--
MW-213	10/25/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.20	< 0.11	< 0.21	--
MW-213	06/12/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.050	< 0.10	--
MW-213	11/29/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.050	< 0.10	--
MW-213	05/15/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.048	< 0.096	--
MW-213	11/05/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0625 J	< 0.095	--
MW-213	04/23/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0586	< 0.094	--
MW-213	11/05/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0782 J	< 0.094	--
MW-213	05/19/15	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.102	< 0.10	--
MW-213	12/09/15	< 0.00020	<0.0010	<0.0010	<0.0030	<0.100	< 0.235	< 0.392	--
MW-213	05/03/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000162	< 0.100	0.0415 J	< 0.0593	--
MW-213	12/13/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.100	0.115 J	< 0.0622	--
MW-213	06/14/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.128 J	< 0.123	--
MW-213	12/07/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.158 J	< 0.121	--
MW-213	06/12/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.111	< 0.121	--
MW-213	12/19/18	< 0.0000930	0.000320 J	< 0.000198	< 0.000442	0.0717 J	0.434	0.411	--
MW-213	05/16/19	< 0.000200	0.000349 J	< 0.000190	< 0.000580	0.0912	0.153 J	< 0.123	--
MW-213	12/11/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.147 J	< 0.117	--
MW-213	06/29/20	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-213	12/16/20	<0.00020 J	<0.0002 J	<0.00020 J	<0.0005 J	<0.250	<0.233	<0.388	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-213	06/14/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.235	<0.392	--
MW-213	12/16/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.158 J	0.199 J	--
MW-213	06/29/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.163 J	<0.475	--
MW-213	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.270	0.268 J	--
MW-213	06/12/23	<0.000400	<0.00100	<0.00100	<0.00300	0.0426 J	<0.224	<0.373	--
MW-213	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.271	0.396	--
MW-213	06/19/24	<0.00100	<0.00100	<0.00100	<0.00200	0.0946 J	0.288	0.349	--
MW-213	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.332	0.420	--
MW-213	06/24/25	<0.000240	<0.000390	<0.000500	<0.000530	<0.0730	0.215	0.221 J	--
MW-214	01/14/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-214	04/20/04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.25	< 0.25	< 0.5	--
MW-214	07/28/04	< 0.005	< 0.005	< 0.005	< 0.005	< 1.2	< 0.25	< 0.5	--
MW-214	10/19/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
MW-214	01/25/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	0.36	< 0.5	--
MW-214	04/19/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	0.3	< 0.5	--
MW-214	07/12/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	0.29	< 0.5	--
MW-214	10/20/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	0.33	< 0.5	--
MW-214	01/26/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	0.91	< 0.476	--
MW-214	10/30/07	< 0.001	< 0.001	< 0.001	< 0.003	--	--	--	--
MW-214	05/05/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.25	0.91	< 0.5	--
MW-214	07/10/08	--	--	--	--	--	< 0.5	< 1	--
MW-214	11/19/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.25	0.8	< 0.5	--
MW-214	04/07/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.17	< 0.1	--
MW-214	11/18/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.11	< 0.1	--
MW-214	04/26/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.19	< 0.1	--
MW-214	10/28/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-214	05/24/11	<0.0003	<0.0005	<0.0003	<0.0007	<0.050	0.127	<0.097	--
MW-214	10/25/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.20	0.126	< 0.21	--
MW-214	06/12/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.050	0.135 J	--
MW-214	11/29/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.048	< 0.095	--
MW-214	05/15/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0857 J	< 0.096	--
MW-214	11/05/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0552 J	< 0.094	--
MW-214	04/23/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.118	< 0.094	--
MW-214	11/05/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.168	0.103	--
MW-214	05/19/15	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.106	< 0.094	--
MW-214	12/09/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	0.248	< 0.392	--
MW-214	05/03/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000162	< 0.100	0.123	< 0.0594	--
MW-214	12/14/16	< 0.0000930	< 0.000312	0.000275 J	< 0.000442	0.0226 J	0.130	< 0.0600	--
MW-214	06/14/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.214 J	< 0.121	--
MW-214	12/07/17	< 0.0000930 J	< 0.000312 J	< 0.000198 J	< 0.000442 J	< 0.0704 J	0.305	< 0.128	--
MW-214	06/12/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.170 J	< 0.120	--
MW-214	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.547	0.415	--
MW-214	05/16/19	< 0.000200	0.000303 J	< 0.000190	< 0.000580	< 0.0550	0.213 J	< 0.122	--
MW-214	12/11/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.239 J	< 0.121	--
MW-214	06/29/20	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-214	12/16/20	<0.00020 J	<0.0002 J	<0.00020 J	<0.0005 J	<0.250	<0.218	<0.363	--
MW-214	06/14/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.122 J	<0.395	--
MW-214	12/16/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.172 J	0.129 J	--
MW-214	06/29/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.181 J	0.135 J	--
MW-214	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.367	0.275 J	--
MW-214	06/12/23	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.233	<0.389	--
MW-214	12/18/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.293	0.398	--
MW-214	06/19/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	<0.210	<0.368	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-214	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.165 J	<0.374	--
MW-214	06/24/25	<0.000240	<0.000390	<0.000500	<0.000530	<0.0730	<0.0901	<0.129	--
MW-301	03/02/12	0.24	0.0138	0.0099	0.0212	3.37	--	--	--
MW-301	09/25/12	0.333	0.0131	0.0186	0.0192	4.02	--	--	--
MW-301	11/28/12	0.241	0.0099	0.0125	0.0106	2.76	--	--	--
MW-301	02/21/13	0.659	0.0175	0.0264	0.0173 J	3.98	0.315	< 0.10	--
MW-301	05/15/13	0.357	0.0122	0.0231	0.0145	3.63	--	--	--
MW-301	11/04/13	0.16	0.0097	0.0164	0.0109	2.29	--	--	--
MW-301	04/23/14	0.252	0.0072	0.0135	0.0075	3.57	--	--	--
MW-301	07/24/14	0.314	0.008	0.0143	0.0096	3.70	0.361	< 0.094	--
MW-301	11/03/14	0.108	0.0043 J	0.0046 J	0.0051 J	1.76	--	--	--
MW-301	03/09/15	0.222	0.0067	0.0065	0.0062 J	2.27	--	--	--
MW-301	05/21/15	0.194	0.0069	0.01	0.0060 J	2.24	--	--	--
MW-301	07/28/15	0.116	0.0036	0.0037	0.0019 J	2.09	--	--	--
MW-301	12/10/15	0.0437	0.00351	0.00104	0.00551	1.34	--	--	--
MW-301	02/22/16	0.28	0.00881	0.0104	0.00746	3.65	--	--	--
MW-301	05/02/16	0.17	0.00834	0.0138	0.00663	3.32	--	--	--
MW-301	08/29/16	0.0647	0.00551	0.0103	0.0064	2.9	--	--	--
MW-301	12/12/16	0.251	0.00745	0.0173	0.00633	3.00	--	--	--
MW-301	03/13/17	0.206	0.00771	0.0117	0.00585	3.02	--	--	--
MW-301	06/13/17	0.111	0.00659 J	0.0128	0.00713 J	2.50	--	--	--
MW-301	08/22/17	0.0652	0.00472	0.0108	0.00366	1.93	--	--	--
MW-301	12/05/17	0.0222	0.00228	0.00217	0.00272 J	1.67	--	--	--
MW-301	03/06/18	0.207	0.00303	0.00542	0.00248 J	1.32	--	--	--
MW-301	06/13/18	0.0132	0.00108	0.00239	0.000821 J	1.27	--	--	--
MW-301	09/06/18	0.00368	0.000585 J	0.000352 J	0.000489 J	1.45	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-301	12/20/18	0.0175	0.000688 J	0.00259	0.000536 J	0.445	--	--	--
MW-301	03/19/19	0.0999	0.00182	0.00923	0.00182 J	1.34	--	--	--
MW-301	05/16/19	0.00684	< 0.000170	0.000357 J	< 0.000580	0.483	--	--	--
MW-301	09/19/19	0.0000937 J	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-301	12/11/19	0.000093	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-301	04/28/20	0.0399	0.00115	0.00676	0.000676 J	0.368	--	--	--
MW-301	06/29/20	0.0163	< 0.000312	0.00205	< 0.000442	0.114 J	--	--	--
MW-301	09/21/20	0.00732	<0.001	0.00127	0.000442 J	0.167	--	--	--
MW-301	12/15/20	0.0416	0.00146	0.0109	0.00117	0.441	--	--	--
MW-301	04/13/21	0.0238	0.00105	0.00767	0.000879	1.69	--	--	--
MW-301	06/15/21	0.0168	0.00103	0.00822	0.00101 J	0.439	--	--	--
MW-301	09/22/21	0.00333	<0.00100	0.00200	0.000535 J	0.226	--	--	--
MW-301	12/16/21	0.0185	0.000723 J	0.00439	0.000768 J	0.471	--	--	--
MW-301	03/29/22	0.0308	0.000663 J	0.00248	0.00113 J	0.572	--	--	--
MW-301	06/28/22	0.0215	0.000854 J	0.00316	0.000735 J	0.478	--	--	--
MW-301	09/21/22	0.00932	0.000952 J	0.00172	0.000953 J	0.245	--	--	--
MW-301	12/13/22	0.0242	0.00151	0.000703 J	0.00148 J	--	--	--	--
MW-301	03/28/23	0.0782	0.00502	0.0129	0.00396	0.952	--	--	--
MW-301	06/14/23	0.110	0.00408	0.00609	0.00315	0.794	--	--	--
MW-301	09/11/23	0.0704	0.00526	0.000846 J	0.00300	0.590	--	--	--
MW-301	12/20/23	0.0289	0.00480	0.00380	0.00384	0.804	--	--	--
MW-301	03/12/24	0.0193	0.00346	0.00339	0.00351	1.02	--	--	--
MW-301	06/18/24	0.0864	0.00359	0.00121	0.00896	1.44	--	--	--
MW-301	09/18/24	0.0371	0.00514	0.000608 J	0.00710	1.15	--	--	--
MW-301	12/17/24	0.0526	0.00842	0.00170	0.00793	1.08	--	--	--
MW-301	03/24/25	0.258	0.00921	0.00349	0.0132	1.80	--	--	--
MW-301	06/24/25	0.368	0.00930	0.00284	0.0199	2.19	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-302	03/01/12	0.831	0.0275	0.213	0.248	5.33	--	--	--
MW-302	06/12/12	0.574	0.0156	0.0183	0.0244	4.18	--	--	--
MW-302	06/28/12	1.23	0.0437	0.403	0.289	5.65	--	--	--
MW-302	09/25/12	0.657	0.0247	0.18	0.106	4.07	--	--	--
MW-302	11/25/12	0.449	0.0152	0.191	0.177	4.58	--	--	--
MW-302	02/22/13	0.393	0.0149	0.124	0.116	4.15	0.435	< 0.10	--
MW-302	05/14/13	0.873	0.0231	0.236	0.145	4.19	--	--	--
MW-302	09/05/13	0.783	0.0189	0.162	0.0746	3.7	--	--	--
MW-302	11/05/13	0.607	0.0112	0.0977	0.0529	2.69	--	--	--
MW-302	01/16/14	0.404	0.0161	0.0843	0.0504	3.54	--	--	--
MW-302	04/23/14	0.98	0.0269	0.276	0.232	5.86	--	--	--
MW-302	07/24/14	0.656	0.0206	0.178	0.131	4.66	0.363	< 0.094	--
MW-302	11/03/14	0.506	0.0159	0.221	0.176	4.06	0.361	< 0.094	--
MW-302	05/21/15	0.454	0.0161	0.174	0.15	3.44	--	--	< 0.010
MW-302	12/10/15	0.372	0.00853	0.0139	0.0176	2.16	1	< 0.391	--
MW-302	05/04/16	0.595	0.0145	0.27	0.153	3.75	--	--	--
MW-302	12/15/16	0.759	0.0263	0.453	0.117	5.08	1.73	< 0.0630	--
MW-302	06/13/17	0.487	0.0146 J	0.215	0.0524 J	1.98	--	--	--
MW-302	08/23/17	0.047	0.00305	0.00823	0.00647	0.709	--	--	--
MW-302	12/05/17	0.0414	0.00196	0.00271	0.003	1.79	9.96	0.209 J	--
MW-302	03/07/18	0.0707	0.00314	0.043	0.00763	1.61	--	--	--
MW-302	06/13/18	0.0591	0.00363	0.0481	0.0227	1	--	--	--
MW-302	09/06/18	0.0312	0.00138	0.0242	0.00479	0.526	--	--	--
MW-302	12/20/18	0.00121	< 0.000312	0.00431	0.000625 J	0.232	2.5	0.386	--
MW-302	03/19/19	0.0133	0.000823 J	0.0122	0.00433	1.84 J	--	--	--
MW-302	05/16/19	0.0035	0.000363 J	0.00678	0.00177 J	0.578	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
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Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-302	09/19/19	0.0174	0.00115	0.0217	0.00428	0.662	--	--	--
MW-302	12/11/19	0.0132	0.000741 J	0.00976	0.00222 J	0.297	3.69	0.179 J	--
MW-302	04/28/20	0.027	0.00181	0.0397	0.00698	1.23	--	--	--
MW-302	06/30/20	0.0219	0.00152	0.0368	0.00590 J	1.23	--	--	--
MW-302	09/21/20	0.00148	<0.001	0.00888	0.00108 J	0.205	--	--	--
MW-302	12/15/20	0.0404 J	0.00282 J-	0.0684 J	0.0117 J-	1.84	10.8	0.529	--
MW-302	04/13/21	0.00616 J-	0.000526 J	0.0178 J-	0.00419 J-	1.85	--	--	--
MW-302	06/15/21	0.0203	0.00193	0.0614	0.0101	0.886	--	--	--
MW-302	09/23/21	0.0184	0.00373	0.0585	0.00883	0.637	--	--	--
MW-302	12/16/21	0.00644	0.000755 J	0.0211	0.00374	1.19	6.39	0.622	--
MW-302	03/28/22	0.00516	0.000712 J	0.0122	0.00292 J	1.18	--	--	--
MW-302	06/28/22	0.00282	0.000505 J	0.0214	0.00456	0.414	--	--	--
MW-302	09/21/22	0.00527	0.0019	0.0296	0.00693	0.54	--	--	--
MW-302	12/13/22	<0.000400	<0.00100	<0.00100	<0.00300	0.198	0.387	0.145 J	--
MW-302	03/27/23	0.00557	<0.00100	<0.00100	0.00369	0.508	--	--	--
MW-302	06/13/23	0.0298	0.00162	0.00816	0.00170 J	0.554	--	--	--
MW-302	09/12/23	0.0373	0.0048	<0.00100	0.00694	1.26	--	--	--
MW-302	12/20/23	0.00329	0.000795 J	<0.00100	0.00154 J	0.68	2.90	0.878	--
MW-302	03/11/24	0.00668	<0.00100	<0.00100	<0.00200	0.297	--	--	--
MW-302	06/18/24	0.0352	0.00207	<0.00100	0.00479	0.659	--	--	--
MW-302	09/19/24	0.112	0.00532 J	<0.0100	0.00688 J	1.20 J	--	--	--
MW-302	12/17/24	0.0123 J+	0.00262 J+	0.000549 J	0.00366 J+	0.879	2.53	0.692	--
MW-302	03/24/25	0.00886	0.000809 J	<0.00100	0.00196 J	0.570	--	--	--
MW-303	03/02/12	3.13	0.0759	0.76	0.232	12.3	--	--	--
MW-303	06/13/12	2.9	0.0957	0.884	0.268	12.5	--	--	--
MW-303	09/25/12	1.83	0.0635	0.474	0.146	9.14	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-303	11/28/12	1.94	0.0873	1.18	0.319	12.6	--	--	--
MW-303	02/21/13	2.34	0.0955	1.29	0.338	12.8	0.674	< 0.10	--
MW-303	05/15/13	1.9	0.0864	0.983	0.272	10.6	--	--	--
MW-303	11/04/13	0.884	0.0278	0.219	0.0544	6.11	--	--	--
MW-303	04/23/14	1.58	0.071	1.114	0.224	11.8	--	--	--
MW-303	07/24/14	0.808	0.0471	0.653	0.161	9.76	0.622	< 0.094	--
MW-303	11/04/14	1.42	0.0618	0.924	0.18	11.5	1	1.15	--
MW-303	05/20/15	0.669	0.0432	0.713	0.157	7.9	--	--	--
MW-303	12/08/15	1.19	0.071	1.33	< 0.300	7.6	2.45	< 0.398	--
MW-303	05/04/16	0.704	0.0625	1.82	0.287	8.6	--	--	--
MW-303	12/12/16	0.831	0.0482	1.45	0.176	8.31	2.52	< 0.0602	--
MW-303	06/13/17	0.353	0.0408	1.54	0.19	5.69	--	--	--
MW-303	12/05/17	0.104	0.0116 J	0.3	0.0400 J	4.29	7.49	< 0.125	--
MW-303	03/06/18	0.039	0.0154	0.147 J	0.0352	2.5	--	--	--
MW-303	06/13/18	0.157	0.0151 J	0.39	0.0317 J	2.94 J	--	--	--
MW-303	09/06/18	0.000729	< 0.000312	0.00117	< 0.000442	< 0.0704	--	--	--
MW-303	12/20/18	0.000581	0.000342 J	0.00136	0.00088 J	0.382	8.25	0.505	--
MW-303	03/19/19	0.0346	0.00611	0.194	0.0111	2.48	--	--	--
MW-303	05/16/19	0.0173	0.0017	0.0869	0.00541	1.33	--	--	--
MW-303	09/19/19	0.00776	0.00207	0.0717	0.00326	0.785	--	--	--
MW-303	12/11/19	0.00114	0.000373 J	0.0404	0.00134 J	0.371	2.73	0.281 J	--
MW-303	04/28/20	0.00258	< 0.000312	0.00511	0.00705	2.46	--	--	--
MW-303	06/30/20	0.0152	0.000897 J	0.0386	0.00696	2.64	--	--	--
MW-303	09/22/20	0.02	0.00254	0.153	0.00623	1.86	--	--	--
MW-303	12/15/20	0.0150 J-	0.00412 J-	0.119 J-	0.0146 J-	3.34	5.28	<0.389	--
MW-303	04/13/21	0.0135 J-	0.00170 J-	0.0371 J-	0.0104 J-	4.07	--	--	--
MW-303	06/15/21	0.0258	0.00343	0.133	0.00867	1.94	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
	Site-Specific Cleanup Level:	0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-303	09/22/21	0.252	0.00724	0.344	0.0194	2.29	--	--	--
MW-303	12/15/21	0.0248	0.000620 J	0.0142	0.00435	2.39	6.51	0.385 J	--
MW-303	03/28/22	0.027	0.00196	0.0638	0.00892	2.63	--	--	--
MW-303	06/28/22	0.107	0.00303	0.0272	0.00922	2.25	--	--	--
MW-303	09/21/22	0.216	0.0071	0.0558	0.0121	1.99	--	--	--
MW-303	12/13/22	0.139	0.00483	0.058	0.00982	1.18	3.73	0.321 J	--
MW-303	03/28/23	0.0282	0.00281	0.14	0.0122	1.14	--	--	--
MW-303	06/14/23	0.0999	0.00403	0.0399	0.00813	1.26	--	--	--
MW-303	09/11/23	0.366	0.0119	0.0674	0.0179	2.22	--	--	--
MW-303	12/20/23	0.0271	0.00114	0.0133	0.00344	0.924	3.47	0.600	--
MW-303	03/12/24	0.0137	0.00125	0.0298	0.0049	1.33	--	--	--
MW-303	06/18/24	0.0443	0.00238	0.0748	0.00929	2.59	--	--	--
MW-303	09/18/24	0.305	0.00821 J	0.101	0.0147 J	2.91	--	--	--
MW-303	12/17/24	0.0686	<0.0100	0.106	0.0106 J	2.63	3.99	0.665	--
MW-303	03/24/25	0.0235	<0.0100	0.146	0.0122 J	2.64	--	--	--
MW-303	06/25/25	0.0543	0.00301	0.135	0.0139	3.00	--	--	--
MW-304	03/01/12	0.686	0.0351	0.214	0.264	5.64	--	--	--
MW-304	06/12/12	1.04	0.0408	0.27	0.218	5.98	--	--	--
MW-304	09/25/12	0.63	0.024	0.198	0.105	3.93	--	--	--
MW-304	11/28/12	0.411	0.0244	0.306	0.252	5.89	--	--	--
MW-304	02/22/13	0.507	0.0225	0.208	0.149	5.56	0.762	0.186 J	--
MW-304	05/14/13	0.645	0.0283	0.209	0.144	4.73	--	--	--
MW-304	09/05/13	0.862	0.0188	0.0849	0.0616	3.09	--	--	--
MW-304	11/05/13	0.695	0.0163	0.0629	0.054	2.67	--	--	--
MW-304	01/16/14	0.79	0.0194	0.0472	0.0571	4.89	--	--	--
MW-304	04/23/14	0.778	0.0248	0.185	0.147	5.93	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
	Site-Specific Cleanup Level:	0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-304	07/24/14	0.437	0.0173	0.109	0.0666	3.59	0.557	< 0.094	--
MW-304	11/03/14	1.11	0.0421	0.48	0.214	3.32	0.366	< 0.094	--
MW-304	05/20/15	0.486	0.0136	0.115	0.0373	3.3	--	--	< 0.010
MW-304	12/10/15	0.775	0.0312	0.336	0.114	4.37	1.55	< 0.387	--
MW-304	05/04/16	0.527	0.0187	0.355	0.0559	4.05	--	--	--
MW-304	12/15/16	0.749	0.0271	0.586	0.0664	5.75	1.78	0.0686 J	--
MW-304	06/13/17	0.209	0.0113	0.413	0.0246 J	2.2	--	--	--
MW-304	08/23/17	0.021	0.00437	0.0124	0.00494	0.566	--	--	--
MW-304	12/05/17	0.000217 J	< 0.000312	< 0.000494 J	0.00118 J	0.291	3.2	< 0.122	--
MW-304	03/06/18	0.000493	< 0.000312	0.000337 J	< 0.000442	0.562	--	--	--
MW-304	06/13/18	0.00107	< 0.000312	0.00561	0.00104 J	0.425	--	--	--
MW-304	09/06/18	0.000535	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-304	12/20/18	< 0.000093	< 0.000312	< 0.000198	< 0.000442	< 0.0704	1.5	0.219 J	--
MW-304	03/19/19	0.000448	< 0.000312	0.000514 J	< 0.000442	0.105 J	--	--	--
MW-304	05/16/19	< 0.000200	< 0.000170	< 0.000190	< 0.000580	< 0.055	--	--	--
MW-304	09/19/19	0.000242 J	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-304	12/11/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.188 J	0.120 U	--
MW-304	04/28/20	0.00171	< 0.000312	0.000281 J	< 0.000442	0.113 J	--	--	--
MW-304	06/30/20	0.0399	0.000627 J	0.000544 J	< 0.000442	0.131 J	--	--	--
MW-304	09/21/20	0.0623	0.000391 J	0.00109	0.000491 J	0.191	--	--	--
MW-304	12/15/20	0.0363	0.000932	0.00188	0.000883	0.26	4.22	<0.393	--
MW-304	04/13/21	0.00194	<0.000200	0.00107 J+	<0.000500	0.307	--	--	--
MW-304	06/15/21	0.0263	<0.00100	0.000697 J	<0.00300	0.23	--	--	--
MW-304	09/22/21	0.0389	<0.00100	0.000696 J	<0.00300	0.225	--	--	--
MW-304	12/16/21	0.00339	<0.00100	0.00132	0.000646 J	0.406	1.86	0.292 J	--
MW-304	03/28/22	0.0276	0.000750 J	0.00125	0.000843 J	0.624	--	--	--
MW-304	06/28/22	0.0169	0.000903 J	0.00318	0.00112 J	0.549	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
	Site-Specific Cleanup Level:	0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-304	09/20/22	0.133	0.000434 J	0.00181	0.00134 J	0.594	--	--	--
MW-304	12/13/22	0.00466	<0.00100	0.000588 J	0.000748 J	0.364	2.15	0.674	--
MW-304	03/27/23	0.0692	0.003	0.000721 J	0.00585	0.609	--	--	--
MW-304	06/14/23	0.116	0.00502	0.000506 J	0.00815	0.734	--	--	--
MW-304	09/11/23	0.0911	0.00648	0.00167	0.0147	0.938	--	--	--
MW-304	12/20/23	0.0249	0.00186	<0.00100	0.00558	0.613	2.23	0.692	--
MW-304	03/12/24	0.0127	<0.00100	<0.00100	0.00255	0.574	--	--	--
MW-304	06/18/24	0.273	0.0132	0.000734 J	0.0313	1.72	--	--	--
MW-304	09/18/24	0.290	0.0119	<0.0100	0.0347	1.82	--	--	--
MW-304	12/17/24	0.234	0.0112	<0.0100	0.0335	2.30	1.52	0.329 J	--
MW-304	03/24/25	0.110	0.00538 J	<0.0100	0.0143 J	1.32	--	--	--
MW-304	06/25/25	0.209	0.00900	0.00126	0.0255	2.15	--	--	--
MW-305	03/01/12	1.14	0.0227	0.0389	0.0375 J	5.84	--	--	--
MW-305	06/11/12	1.34	0.0221	0.0517	0.0331 J	5.97	--	--	--
MW-305	09/26/12	1.27	0.0229	0.0388	0.0355 J	5.89	--	--	--
MW-305	11/28/12	0.286	0.0061	0.0032 J	0.014	1.53	--	--	--
MW-305	05/15/13	0.397	0.0263	0.29	0.0867	6.28	--	--	--
MW-305	11/07/13	0.0844	0.025	0.216	0.0919	3.59	--	--	--
MW-305	04/23/14	0.0884	0.0139	0.0941	0.0454	2.82	--	--	--
MW-305	11/06/14	0.0419	0.0052	0.002	0.0306	1.16	--	--	--
MW-305	05/21/15	0.12	0.0101	0.191	0.108	2.81	--	--	--
MW-306	03/01/12	0.606	0.015	0.0353	0.718	4.74	--	--	--
MW-306	06/11/12	0.393	0.0115	0.0509	0.763	5.09	--	--	--
MW-306	09/26/12	1.05	0.0261	0.135	0.147	6.56	--	--	--
MW-306	11/28/12	0.393	0.0125	0.0183	0.0895	3.06	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-306	05/15/13	0.746	0.0472	0.837	3.7	18.5	--	--	--
MW-306	11/07/13	0.101	0.0502	0.482	2.65	12.8	--	--	--
MW-306	04/23/14	0.0762	0.0345	0.325	1.97	11	--	--	--
MW-306	11/06/14	0.119	0.0226	0.302 J	0.939 J	5.59	--	--	--
MW-306	05/21/15	0.106	0.0354 J	0.874	5.15	20.6	--	--	--
MW-307	11/26/12	2.15	0.0858	0.833	0.513	10.9	--	--	--
MW-307	02/22/13	0.497	0.0358	0.226	0.145	6.02	0.604	< 0.094	--
MW-307	05/15/13	0.437	0.0461	0.167	0.12	4.56	--	--	--
MW-307	09/05/13	0.643	0.0645	0.154	0.131	5.30	--	--	--
MW-307	11/06/13	0.568	0.0448 J	0.104	0.0912	4.39	--	--	--
MW-307	04/22/14	0.52	0.0408	0.241	0.152	5.68	--	--	--
MW-307	11/04/14	0.596	0.039	0.176	0.095	5.16	0.632	< 0.095	--
MW-307	03/09/15	0.444	0.0358	0.271	0.104	5.41	--	--	--
MW-307	05/19/15	0.306	0.0273	0.14	0.0673	3.44	0.479	< 0.096	--
MW-307	07/29/15	0.298	0.0245	0.109	0.0434	4.09	--	--	--
MW-307	12/09/15	0.699	0.0585	0.334	0.131	5.03	1.63	< 0.392	--
MW-307	02/23/16	0.498	0.0417	0.578	0.110 J	4.98	--	--	--
MW-307	05/03/16	0.469	0.0338	0.456	0.0981	5.04	1.55	< 0.0597	--
MW-307	08/30/16	0.261	0.0299	0.222	0.195	5.13	--	--	--
MW-307	12/13/16	0.275	0.0255	0.302	0.102	4.02	1.34	0.0812 J	--
MW-307	03/14/17	0.418	0.0311	0.54	0.136	6.33	--	--	--
MW-307	06/15/17	0.166	0.0242	0.283	0.194 J	4.18	1.32	< 0.121	--
MW-307	08/23/17	0.102 J	0.0162	0.095	0.0912	3.22	1.33	< 0.126	--
MW-307	12/06/17	0.0501	0.00663	0.0479	0.0134	0.977	1.04	< 0.128	--
MW-307	03/08/18	0.15	0.0158	0.134	0.0255	2.09	--	--	--
MW-307	06/14/18	0.243	0.0256	0.315	0.0329	2.71	1.45	< 0.120	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
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Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-307	09/05/18	0.0507	0.00339	0.016	0.00343	1.45	--	--	--
MW-307	12/19/18	0.027	0.000413 J	0.0119	0.00153 J	1.17	1.79	0.396 J	--
MW-307	03/18/19	0.0587	0.00269	0.05	0.00393	0.965	--	--	--
MW-307	05/16/19	0.0324	0.00693	0.026	0.0113	2.47	2.74	0.265 J	--
MW-307	09/19/19	0.0126	< 0.000312	0.00135	< 0.000442	0.444	--	--	--
MW-307	12/10/19	0.00497	< 0.000312	0.000291 J	< 0.000442	0.28	0.66	< 0.118	--
MW-307	04/27/20	0.0974	0.00608	0.159	0.0267	1.45	--	--	--
MW-307	06/29/20	0.0946	0.00479	0.0909	0.0164	1.18	7.11	0.273 J	--
MW-307	09/21/20	0.210	0.0102	0.156	0.0516	2.01	--	--	--
MW-307	12/16/20	0.106 J-	0.0072 J-	0.0622 J	0.0336 J-	1.52	7.75	<0.379	--
MW-307	04/12/21	0.133 J	0.0228 J-	0.0930 J	0.0950 J	4.06 J+	--	--	--
MW-307	06/14/21	0.230	0.018	0.282	0.0885	2.02	6.68	0.422	--
MW-307	09/22/21	0.135	0.0145	0.109	0.0717	1.83	--	--	--
MW-307	12/14/21	0.0426	0.00493	0.0921	0.0402	2.39	4.92	0.492	--
MW-307	03/28/22	0.0982	0.0223	0.147	0.0988	3.69	--	--	--
MW-307	06/29/22	0.149	0.0318	0.176	0.158 J	2.87	4.02	0.33 J	--
MW-307	09/20/22	0.160	0.0199	0.117	0.108	2.49	--	--	--
MW-307	12/12/22	0.082	0.019	0.074	0.0793	2.00	5.93	0.699	--
MW-307	03/27/23	0.0698	0.00305	0.000735 J	0.00571	0.569	--	--	--
MW-307	06/13/23	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.247	<0.412	--
MW-307	09/11/23	0.0545	0.0216	0.0856	0.0928	2.87	--	--	--
MW-307	12/19/23	0.0303	0.0101	0.026	0.0431	2.00	6.73	0.923	--
MW-307	03/11/24	0.0183	0.00743	0.0267	0.0276	1.09	--	--	--
MW-307	06/19/24	0.0498	0.0164 J+	0.0679	0.0416	2.46	3.55 J-	0.440 J-	--
MW-307	09/18/24	0.044	0.0124	0.0284	0.0356	2.37	--	--	--
MW-307	12/16/24	0.0503	0.012	0.0228	0.0311	1.82	2.50	0.499	--
MW-307	03/24/25	0.0224	0.00838	0.0330	0.0223	1.26	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-307	06/24/25	0.0507	0.0136	0.0384	0.0213	1.62	2.88	0.361	--
MW-308	11/26/12	0.144	0.0010 J	0.0072	0.0013 J	0.778	--	--	--
MW-308	02/22/13	0.668	0.0078 J	0.0443	0.0059 J	3.48	0.354	< 0.10	--
MW-308	05/15/13	0.392	0.0052 J	0.0427	< 0.0046	2.54	--	--	--
MW-308	11/06/13	0.237	0.0033 J	0.0056	0.0026 J	1.65	--	--	--
MW-308	04/22/14	0.0165	< 0.00020	0.00036 J	< 0.00046	0.146	--	--	--
MW-308	11/04/14	0.132	0.0012	0.0044	0.00058	0.782	< 0.048	< 0.095	--
MW-308	03/09/15	0.121 J	0.002	0.00064 J	0.0013 J	1.10	--	--	--
MW-308	05/19/15	0.213	0.0013 J	< 0.00050	< 0.0012	0.973	--	--	--
MW-308	07/29/15	0.242	0.0017 J	0.0014 J	< 0.0012	1.77	--	--	--
MW-308	12/09/15	0.146	0.00361	0.0284	0.00527	1.19	--	--	--
MW-308	02/23/16	0.00711	< 0.0000380	0.000101 J	< 0.0000160	0.0619	--	--	--
MW-308	05/03/16	0.281	0.000903 J	0.00376	0.000680 J	1.41	--	--	--
MW-308	08/30/16	0.196	< 0.00312	< 0.00198	< 0.00162	1.48	--	--	--
MW-308	12/13/16	0.0309	< 0.000312	0.000529 J	< 0.000442	0.207	--	--	--
MW-308	03/14/17	0.000861	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-308	06/15/17	0.383	0.00147	0.00107	0.000477 J	1.28	--	--	--
MW-308	08/23/17	0.234	< 0.00312	< 0.00198	< 0.00442	0.812 J	--	--	--
MW-308	12/06/17	0.085	< 0.000312	0.000717 J	< 0.000442	0.245	--	--	--
MW-308	03/08/18	0.252	0.000314 J	< 0.000198	< 0.000442	0.55	--	--	--
MW-308	06/14/18	0.238	0.000765 J	0.00226	< 0.000442	0.487	--	--	--
MW-308	09/05/18	0.00741	< 0.000312	< 0.000198	< 0.000442	0.118 J	--	--	--
MW-308	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-308	03/18/19	0.000815	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-308	05/16/19	0.00703	< 0.000170	< 0.000190	< 0.000580	0.397	--	--	--
MW-308	09/19/19	0.0096	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-308	12/09/19	0.000322 J	< 0.000312	< 0.000198	< 0.000442	0.118 J	--	--	--
MW-308	04/27/20	0.00314	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-308	06/29/20	0.00406	< 0.000312	0.000292 J	< 0.000442	0.140 J	--	--	--
MW-308	09/21/20	0.0175	0.00145	<0.001	<0.003	0.185	--	--	--
MW-308	12/16/20	0.0730 J	0.0954 J	0.026 J	0.0417 J	0.300	--	--	--
MW-308	04/12/21	0.0365 J+	0.000521 J+	0.000515 J+	<0.000500	0.267	--	--	--
MW-308	06/14/21	0.0572	0.00139	0.000975 J	0.00155 J	0.793	--	--	--
MW-308	09/22/21	0.129	0.00408	0.000975 J	0.00257 J	1.25	--	--	--
MW-308	12/14/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	--	--	--
MW-308	03/28/22	0.00476	<0.00100	0.000244 J	<0.00300	0.106 J	--	--	--
MW-308	06/29/22	<0.000400	<0.00100	0.000281 J	0.000485 J	0.0545 J	--	--	--
MW-308	09/20/22	0.0461	0.00355	0.000888 J	0.00171 J	0.696	--	--	--
MW-308	12/12/22	0.00143	<0.00100	<0.00100	<0.00300	<0.150	--	--	--
MW-308	03/27/23	0.0418	0.00257	0.0254	0.01	0.854	--	--	--
MW-308	06/13/23	<0.000400	<0.00100	0.000368 J	<0.00300	0.175	--	--	--
MW-308	09/11/23	0.000979 J	0.000845 J	<0.00100	<0.00200	0.154	--	--	--
MW-308	12/19/23	0.00426	<0.00100	<0.00100	<0.00200	<0.100	--	--	--
MW-308	03/11/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	--	--	--
MW-308	06/19/24	<0.00100	<0.00100	<0.00100	<0.00200	0.0777 J	--	--	--
MW-308	09/18/24	0.00192	0.00107	<0.00100	0.000598 J	0.482	--	--	--
MW-308	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	--	--	--
MW-308	03/24/25	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	--	--	--
MW-308	06/24/25	0.00108	<0.000390	<0.000500	<0.000530	<0.0730	--	--	--
MW-309	11/28/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--
MW-309	02/21/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0790 J	< 0.10	--
MW-309	05/16/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-309	11/06/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--
MW-309	04/23/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--
MW-309	07/24/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.102	< 0.094	--
MW-309	11/03/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.048	< 0.095	--
MW-309	05/20/15	< 0.00020	< 0.00020	0.00027 J	< 0.00046	0.0542 J	--	--	--
MW-309	12/08/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	< 0.241	< 0.402	--
MW-309	05/04/16	< 0.0000930	< 0.000312	0.000337 J	< 0.000162	< 0.100	--	--	--
MW-309	12/12/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	0.0834 J	< 0.0595	--
MW-309	06/13/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-309	12/05/17	0.000184 J	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.0877 J	< 0.128	--
MW-309	06/12/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-309	12/20/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.220 J	< 0.118	--
MW-309	05/16/19	< 0.000200	< 0.000170	< 0.000190	< 0.000580	0.300	--	--	--
MW-309	12/11/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.0804 J	0.614	<0.120	--
MW-309	06/29/20	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.123 J	--	--	--
MW-309	12/15/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	0.292	<0.390	--
MW-309	06/15/21	<0.000400	<0.00100	<0.00100	<0.00300	0.150	--	--	--
MW-309	12/15/21	<0.000400	<0.00100	<0.00100	<0.00300	0.113 J	0.273	0.140 J	--
MW-309	06/28/22	<0.000400	<0.00100	<0.00100	<0.00300	0.108 J	--	--	--
MW-309	12/13/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.249	<0.391	--
MW-309	06/14/23	<0.000400	<0.00100	<0.00100	<0.00300	0.0514 J	--	--	--
MW-309	12/20/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.149	0.144 J	--
MW-309	06/18/24	<0.00100	<0.00100	<0.00100	<0.00200	0.129 J	--	--	--
MW-309	12/17/24	<0.00100	<0.00100	<0.00100	<0.00200	0.0861 J	0.202 J	0.175 J	--
MW-309	06/25/25	<0.000240	<0.000390	<0.000500	<0.000530	0.0817 J	--	--	--
MW-310	11/28/12	0.86	0.0265	0.211	0.147	5.74	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-310	02/21/13	1.8	0.0768	0.506	0.18	8.37	0.603	< 0.10	--
MW-310	05/14/13	0.993	0.0703	0.654	0.175	6.49	--	--	--
MW-310	09/05/13	0.96	0.0598	0.31	0.11	5.51	--	--	--
MW-310	11/05/13	0.772	0.0409	0.226	0.0846	4.92	--	--	--
MW-310	01/16/14	0.821	0.0414	0.189	0.0775	5.94	--	--	< 0.001 ¹
MW-310	04/23/14	0.796	0.0432	0.187	0.0607	5.88	--	--	--
MW-310	07/24/14	0.92	0.0489	0.368	0.0647	6.36	0.605	< 0.094	--
MW-310	11/04/14	0.739	0.0387	0.132	0.0538	5.15	0.613	< 0.094	--
MW-310	03/09/15	0.736	0.0475	0.189	0.0606	4.71	--	--	--
MW-310	05/21/15	0.641	0.0464	0.169	0.0572	4.39	--	--	< 0.010
MW-310	07/28/15	0.714	0.0428	0.181	0.0488	3.72	--	--	--
MW-310	12/10/15	0.405	0.0396	0.0771	0.0564	3.89	2.75	< 0.390	--
MW-310	02/23/16	0.755	0.0436	0.303	0.0615	4.86	--	--	--
MW-310	05/02/16	0.655	0.0349	0.324	0.0721	4.82	--	--	--
MW-310	08/29/16	0.734	0.0608	0.209	0.0885	5.38	--	--	--
MW-310	12/15/16	0.673	0.0504	0.289	0.0747	5.92	1.72	< 0.0624	--
MW-310	03/13/17	0.809	0.0541	0.387	0.0848	5.58	--	--	--
MW-310	06/15/17	0.984	0.0504	0.318	0.0635	4.29	--	--	--
MW-310	08/22/17	0.0562	0.0135	0.0416	0.0297	2.17	--	--	--
MW-310	12/05/17	0.00444	0.000430 J	0.0122	0.0172	0.459	1.66	< 0.122	--
MW-310	03/06/18	0.0293	< 0.000312	0.00108	0.00167 J	0.724	--	--	--
MW-310	06/13/18	0.0448	0.00103	0.0098	0.00308	0.748	--	--	--
MW-310	09/06/18	0.0182	0.000905 J	< 0.000198	0.000637 J	0.284	--	--	--
MW-310	12/20/18	0.00126	< 0.000312	< 0.000198	< 0.000442	0.0782 J	0.652	0.126 J	--
MW-310	03/19/19	0.00127	< 0.000312	0.000226 J	< 0.000442	0.297	--	--	--
MW-310	05/16/19	< 0.000200	< 0.000170	< 0.000190	< 0.000580	0.24	--	--	--
MW-310	09/19/19	0.000104 J	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
Site-Specific Cleanup Level:		0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-310	12/11/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.0739 J	0.453	< 0.120	--
MW-310	04/28/20	0.00595	< 0.000312	0.000357 J	< 0.000442	0.579	--	--	--
MW-310	06/30/20	0.00523	< 0.000312	0.000481 J	< 0.000442	0.669 J	--	--	--
MW-310	09/21/20	0.00903	<0.001	0.000681 J	<0.003	0.427	--	--	--
MW-310	12/15/20	0.00622	<0.0002	0.00156	<0.0005	0.726	8.62	0.508	--
MW-310	04/12/21	0.0221 J-	0.000414 J	0.00269 J-	0.000570 J-	1.61	--	--	--
MW-310	06/15/21	0.0289	0.000421 J	0.00359	0.00117 J	0.554	--	--	--
MW-310	09/22/21	0.0159	<0.00100	0.00137	<0.00300	0.343	--	--	--
MW-310	12/16/21	0.0166	<0.00100	0.0017	0.000730 J	1.40	6.76	0.667	--
MW-310	03/29/22	0.0313	0.000978 J	0.00948	0.00296 J	1.55	--	--	--
MW-310	06/28/22	0.0392	0.000966 J	0.0179	0.0055	0.924	--	--	--
MW-310	09/20/22	0.0244	0.00129	0.00162	0.00206 J	0.770	--	--	--
MW-310	12/13/22	0.0163	0.00103	0.000555 J	0.00144 J	0.463	4.64	0.743	--
MW-310	03/27/23	0.0369	0.00237	0.0216	0.0089	0.879	--	--	--
MW-310	06/13/23	0.0275	0.00153	0.00761	0.00148 J	0.474	--	--	--
MW-310	09/11/23	0.0163	0.00112	<0.00100	0.00163 J	0.872	--	--	--
MW-310	12/19/23	0.0104	0.0015	0.00344	0.00339	0.987	5.56	2.42	--
MW-310	03/12/24	0.0124	0.00183	0.00604	0.00613	0.896	--	--	--
MW-310	06/18/24	0.0233	0.00164	0.00145	0.00245	1.06	--	--	--
MW-310	09/18/24	0.0228	0.00366	0.000534 J	0.00796	1.21	--	--	--
MW-310	12/17/24	0.0201	0.00315	<0.00100	0.00788	1.01	3.23	0.905	--
MW-310	03/24/25	0.0117	0.00271	0.00248	0.00973	0.708	--	--	--
MW-310	06/25/25	0.0239	0.00392	0.00191	0.0131	1.03	--	--	--
MW-311	11/05/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.048	< 0.095	< 0.010
MW-311	03/09/15	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--
MW-311	06/11/15	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-311	07/28/15	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--
MW-311	12/10/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	--	--	--
MW-311	02/23/16	< 0.0000320	< 0.0000380	< 0.0000860	< 0.0000160	< 0.0178	--	--	--
MW-311	05/04/16	0.000716	< 0.000312	< 0.000198	< 0.000162	0.0260 J	--	--	--
MW-311	08/29/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000162	< 0.0178	--	--	--
MW-311	12/15/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	--	--	--
MW-311	03/13/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	06/15/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	08/22/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	12/07/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	03/08/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	06/13/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	09/05/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	12/20/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	--	--	--
MW-311	03/18/19	0.000107 J	0.000409 J	< 0.000198	< 0.000442	0.300	--	--	--
MW-311	05/16/19	0.000237 J	0.000976 J	< 0.000190	< 0.000580	0.618	--	--	--
MW-311	09/19/19	0.000211 J	< 0.000312	< 0.000198	< 0.000442	0.461	--	--	--
MW-311	12/12/19	< 0.0000930	< 0.000312	0.000290 J	0.000839 J	0.751	--	--	--
MW-311	04/27/20	0.000221 J	0.00104	0.000292 J	0.000654 J	0.919	--	--	--
MW-311	06/30/20	0.000252 J	0.000799 J	0.000361 J	0.000883 J	1.41 J	--	--	--
MW-311	09/22/20	0.000313 J	0.00122	0.000351 J	0.000558 J	0.894	--	--	--
MW-311	12/15/20	0.000211	0.000865	0.000386	0.000641	1.66 J+	--	--	--
MW-311	04/13/21	<0.000200	0.00102	0.000247	<0.000500	1.32	--	--	--
MW-311	09/23/21	0.00207	0.00309	0.000899 J	0.000789 J	1.20	--	--	--
MW-311	12/16/21	0.000347 J	0.000923 J	0.000343 J	0.00105 J	1.63	--	--	--
MW-311	03/29/22	0.000243 J	0.000909 J	0.000302 J	0.000828 J	1.66	--	--	--
MW-311	06/28/22	0.00253	0.00349	0.000596 J	0.000644 J	2.05	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-311	09/20/22	0.00223	0.00339	0.000472 J	0.00113 J	1.57	--	--	--
MW-311	12/13/22	0.00374	0.0026	0.000542 J	0.00100 J	1.32	--	--	--
MW-311	03/28/23	0.00191	0.00233	0.000746 J	<0.00300	1.64	--	--	--
MW-311	06/14/23	0.00239	0.00281	0.000568 J	0.00115 J	1.53	--	--	--
MW-311	09/12/23	0.00217	0.00312	0.000520 J	0.000984 J	2.49	--	--	--
MW-311	12/20/23	0.00189	0.00206	<0.00100	0.00105 J	1.84	--	--	--
MW-311	03/12/24	0.00144	0.00207	0.000510 J	<0.00200	2.82	--	--	--
MW-311	06/17/24	0.000662 J	0.00186	<0.00100	<0.00200	3.01	--	--	--
MW-311	09/19/24	0.00126	0.00256	0.000584 J	0.000930 J	2.80	--	--	--
MW-311	12/17/24	0.0106	0.00263	0.000552 J	0.00161 J	2.50	--	--	--
MW-311	03/25/25	0.00706	0.00255	0.000532 J	0.00178 J	3.15	--	--	--
MW-311	06/25/25	0.00175	0.00209	<0.000500	0.000841 J	2.33	--	--	--
MW-312	11/05/14	0.239	0.0058	0.0065	0.0102	1.64	1.13	0.132 J	< 0.010
MW-312	03/09/15	0.357	0.0044 J	0.0086	0.0050 J	1.91	--	--	--
MW-312	06/11/15	0.204	0.0034 J	0.0023 J	0.0027 J	1.35	--	--	--
MW-312	07/28/15	0.313	0.0041 J	0.0030 J	0.0032 J	1.65	--	--	--
MW-312	12/10/15	0.0718	0.00333	0.00222	0.00461	1.26	--	--	--
MW-312	02/23/16	0.327	0.00354	0.00759	0.00416	1.96	--	--	--
MW-312	05/04/16	0.414	0.00399	0.00662	0.00376	2.22	--	--	--
MW-312	08/29/16	0.37	0.00457 J	0.00354 J	0.00394 J	2.30	--	--	--
MW-312	12/15/16	0.356	0.00336 J	0.00556 J	< 0.000442	2.27	--	--	--
MW-312	03/13/17	0.35	0.00362	0.00527	0.00375	2.07	--	--	--
MW-312	06/15/17	0.383	0.00372	0.00425	0.00368 J	1.89	--	--	--
MW-312	08/23/17	0.33	0.00395	0.00279	0.00422	2.02	--	--	--
MW-312	12/07/17	0.241	0.00441	0.00223	0.00708	1.72	--	--	--
MW-312	03/08/18	0.261	0.00273 J	0.00260 J	0.00311 J	1.77	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-312	06/13/18	0.284	0.0044	0.00243	0.0048	1.69	--	--	--
MW-312	09/05/18	0.283	0.00405	0.00306	0.0041	2.06	--	--	--
MW-312	12/20/18	0.126	0.00284	0.00231	0.00361	1.44	--	--	--
MW-312	03/19/19	0.183	0.00372	0.00472	0.00447	2.07	--	--	--
MW-312	05/16/19	0.189	0.00286	0.00353	0.00290 J	2.50	--	--	--
MW-312	09/19/19	0.0928	0.00233	0.00307	0.00220 J	1.64	--	--	--
MW-312	12/12/19	0.094	0.00251	0.00341	0.00275 J	1.70	--	--	--
MW-312	04/28/20	0.0721	0.00213	0.00315	0.00274 J	1.66	--	--	--
MW-312	06/30/20	0.0792	0.00238	0.00406	0.00208 J	1.47	--	--	--
MW-312	09/22/20	0.176	0.00286	0.0068	0.00295 J	2.69	--	--	--
MW-312	12/15/20	0.0498	0.00251	0.00437	0.00284	2.56 J+	--	--	--
MW-312	04/13/21	0.121	0.00244	0.00453	0.00219	--	--	--	--
MW-312	06/16/21	0.0472	0.00214	0.0025	0.00199 J	1.57	--	--	--
MW-312	09/23/21	0.0398	0.00264	0.00329	0.00226 J	1.83	--	--	--
MW-312	12/16/21	0.03	0.00225	0.0029	0.00237 J	2.99	--	--	--
MW-312	03/29/22	0.0136	0.00172	0.0024	0.00180 J	2.77	--	--	--
MW-312	06/29/22	0.0358	0.00269	0.0023	0.00205 J	2.28	--	--	--
MW-312	09/20/22	0.0203	0.0024	0.00207	0.00231 J	1.90	--	--	--
MW-312	12/13/22	0.00392	0.00214	0.00126	0.00198 J	1.72	--	--	--
MW-312	03/28/23	0.00491	0.00205	0.00101	<0.00300	1.32	--	--	--
MW-312	06/14/23	0.00488	0.00196	0.00104	0.00179 J	1.23	--	--	--
MW-312	09/12/23	0.011	0.00227	0.00118	0.00208	2.58	--	--	--
MW-312	12/20/23	0.011	0.00246	0.00127	0.00236	2.15	--	--	--
MW-312	03/12/24	0.0108	0.00269	0.00194	0.00244	3.18	--	--	--
MW-312	06/18/24	0.00659	0.0021	0.00123	<0.00200	3.61	--	--	--
MW-312	09/19/24	0.00716	0.00241	0.00114	0.00208	2.98	--	--	--
MW-312	12/17/24	0.00549	0.00247	0.00141	0.00238	2.75	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-312	03/24/25	0.00815	0.00200	0.00110	0.00189 J	3.04	--	--	--
MW-312	06/25/25	0.00378	0.00186	0.000913 J	0.00187 J	2.47	--	--	--
MW-313	08/29/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000162	<0.0178	0.218	< 0.0603	--
MW-313	12/12/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.100	0.207	< 0.0598	--
MW-313	03/13/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.146 J	< 0.121	--
MW-313	06/15/17	< 0.0000930	< 0.000312	< 0.000198	0.000463 J	< 0.0704	0.165 J	< 0.122	--
MW-313	08/22/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.222 J	< 0.121	--
MW-313	12/07/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.153 J	< 0.120	--
MW-313	03/07/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.120	< 0.131	--
MW-313	06/13/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.139 J	< 0.123	--
MW-313	09/05/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.362	0.255 J	--
MW-313	12/20/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.468	0.327 J	--
MW-313	03/19/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.174 J	< 0.117	--
MW-313	05/16/19	< 0.000200	< 0.000170	< 0.000190	< 0.000580	0.0807	0.207 J	0.164 J	--
MW-313	09/19/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.237	< 0.114	--
MW-313	12/12/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.473	0.153 J	--
MW-313	04/27/20	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.149 J	< 0.122	--
MW-313	06/30/20	0.000136 J	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.26	< 0.116	--
MW-313	09/22/20	<0.0004	<0.001	<0.001	<0.003	<0.150	0.309	<0.408	--
MW-313	12/15/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	0.288	<0.388	--
MW-313	04/13/21	<0.000200	<0.000200	<0.000200	<0.000500	<0.250	0.272	<0.350	--
MW-313	06/16/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.156 J	<0.401	--
MW-313	09/23/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.161 J	<0.392	--
MW-313	12/16/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.359	0.185 J	--
MW-313	03/29/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.237	<0.395	--
MW-313	06/28/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.177 J	0.140 J	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-313	09/20/22	<0.000400	<0.00100	<0.00100	<0.00300	0.0407 J	<0.230	<0.383	--
MW-313	12/13/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.523	0.333 J	--
MW-313	03/28/23	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.224	<0.373	--
MW-313	06/14/23	<0.000400	<0.00100	<0.00100	<0.00300	0.0325 J	<0.244	<0.407	--
MW-313	09/12/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.0500	0.157	0.140 J	--
MW-313	12/20/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.627	0.517	--
MW-313	03/12/24	<0.00100	<0.00100	<0.00100	<0.00200	0.0740 J	0.184	0.260 J	--
MW-313	06/18/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.0992 J	0.150 J	--
MW-313	09/19/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.125 J	0.186 J	--
MW-313	12/17/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.243	0.351 J	--
MW-313	03/24/25	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.141 J	0.214 J	--
MW-313	06/25/25	<0.000240	<0.000390	<0.000500	<0.000530	<0.0730	<0.0905	<0.129	--
MW-314	08/30/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000162	0.182	0.293	< 0.0599	--
MW-314	12/14/16	0.00432	0.000374 J	< 0.000198	< 0.000442	0.298	0.401	0.0679 J	--
MW-314	03/13/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.0891 J	0.245	<0.120	--
MW-314	06/14/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.227 J	< 0.122	--
MW-314	08/23/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.136 J	0.283	< 0.124	--
MW-314	12/06/17	0.000153 J	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.285	< 0.122	--
MW-314	03/07/18	0.00726	< 0.000312	< 0.000198	< 0.000442	0.131 J	0.336	< 0.127	--
MW-314	06/12/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.121 J	0.46	< 0.121	--
MW-314	09/05/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.203	0.825	0.501	--
MW-314	12/20/18	0.000564	0.000600 J	< 0.000198	< 0.000442	0.138 J	0.788	0.471	--
MW-314	03/19/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.157	0.608	0.139 J	--
MW-314	05/16/19	< 0.000200	< 0.000170	< 0.000190	< 0.000580	0.201	2.09	0.248 J	--
MW-314	12/10/19	< 0.000105 J	0.000400 J	< 0.000198	< 0.000442	0.26	1.44	0.178 J	--
MW-314	04/28/20	0.000578	< 0.000312	< 0.000198	< 0.000442	0.283	2.36	0.186 J	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-314	06/29/20	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	0.147 J	2.57	0.214 J	--
MW-314	09/22/20	0.00584	0.000903 J	<0.001	0.000807 J	0.345	1.60	0.155 J	--
MW-314	12/15/20	0.0146	0.00182	0.00036	0.00186	0.578	1.84	<0.379	--
MW-314	04/13/21	<0.000200	0.000391 J+	<0.000200	<0.000500	0.363	2.75	0.745	--
MW-314	03/28/22	0.000477	0.000624 J	<0.00100	0.000682 J	0.253	0.682	<0.391	--
MW-314	06/28/22	<0.000400	0.000346 J	<0.00100	<0.00300	0.253	0.936	0.166 J	--
MW-314	09/20/22	0.00523	0.00187	0.0294	0.00795	0.634	2.63	0.237 J	--
MW-314	03/27/23	0.000964	<0.00100	<0.00100	<0.00300	0.150	0.664	<0.393	--
MW-314	06/14/23	<0.000400	<0.00100	<0.00100	<0.00300	0.123 J	0.666	<0.405	--
MW-314	12/20/23	0.00147	0.000584 J	<0.00100	0.000741 J	0.331	1.28	0.466	--
MW-314	06/19/24	0.000334 J	<0.00100	<0.00100	<0.00200	0.376	1.34	0.442	--
MW-314	12/17/24	0.000406 J	0.0011	<0.00100	0.00144 J	0.522	1.62	0.535	--
MW-314	03/24/25	0.000334 J	<0.00100	<0.00100	<0.00200	0.236	1.17	0.366	--
MW-314	06/23/25	0.000390 J	0.000532 J+	<0.000500	0.000669 J+	0.405	1.01	0.230 J	--
MW-315	08/29/16	0.0965	0.00265	0.000548 J	0.00135 J	0.453	1.55	< 0.0600	--
MW-315	12/12/16	0.0174	0.00361	0.0023	0.00408	1.17	1.29	0.0871 J	--
MW-315	03/13/17	0.0295	0.00478	0.00153	0.00793	1.24	1.64	< 0.121	--
MW-315	06/15/17	0.0804	0.00426	0.000634 J	0.00965	1.20	2.95	< 0.122	--
MW-315	08/23/17	0.0727	0.00403	0.000909 J	0.00871	1.71	2.74	< 0.123	--
MW-315	12/07/17	0.00479	0.00377	0.000382 J	0.00756	1.19	2.21	< 0.121	--
MW-315	03/08/18	0.0435	0.00411	0.000736 J	0.00712	1.39	1.15	< 0.125	--
MW-315	06/13/18	0.0619	0.00529	0.000648 J	0.00762	1.19	1.78	< 0.120	--
MW-315	09/05/18	0.0178	0.00461	0.000476 J	0.00904	1.33	2.89	0.267 J	--
MW-315	12/20/18	0.00283	0.00464	0.000599 J	0.0106	1.16	3.06	0.310 J	--
MW-315	03/18/19	0.0233	0.00363	0.000959 J	0.0039	1.40	1.89	0.149 J	--
MW-315	05/16/19	0.0565	0.00393	0.000584 J	0.00399	2.16	2.38	0.179 J	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-315	09/19/19	0.0361	0.0036	0.000542 J	0.00353	1.29	2.61	0.133 J	--
MW-315	12/12/19	0.00334	0.00389	0.000667 J	0.005	1.68	3.96	0.266 J	--
MW-315	04/27/20	0.051	0.00406	0.000695 J	0.00368	1.66	2.81	0.126 J	--
MW-315	06/30/20	0.0699	0.00574	0.000878 J	0.00413	1.82	2.74	0.155 J	--
MW-315	09/22/20	0.0297	0.00383	0.000625 J	0.00266 J	1.78	2.89	0.171 J	--
MW-315	12/15/20	0.0028	0.0044	0.000673	0.00368	2.26 J+	3.34	<0.385	--
MW-315	04/13/21	0.0666 J	0.00493	0.00141	0.00256	2.90 J+	5.04	0.691	--
MW-315	06/16/21	0.0578	0.00411	0.00182	0.00289 J	1.66	3.32	0.218 J	--
MW-315	09/23/21	0.00915	0.00392	0.000428 J	0.00276 J	1.48	3.27	0.180 J	--
MW-315	12/16/21	0.00421	0.00375	0.000543 J	0.00251 J	2.81	3.23	0.296 J	--
MW-315	03/29/22	0.0452	0.0042	0.000890 J	0.00252 J	2.41	2.44	0.136 J	--
MW-315	06/28/22	0.0177	0.00382	0.000548 J	0.00284 J	2.37	2.31	0.207 J	--
MW-315	09/20/22	0.0061	0.00379	0.000566 J	0.00230 J	2.21	2.98	0.194 J	--
MW-315	12/13/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.15	0.47	0.323 J	--
MW-315	03/28/23	0.0273	0.0041	0.00102	0.00384	1.72	2.01	<0.368	--
MW-315	06/14/23	0.0169	0.00427	0.00118	0.00292 J	1.65	2.50	<0.394	--
MW-315	09/12/23	0.00101	0.00354	<0.00100	0.00296	3.02	4.17	0.290 J	--
MW-315	12/20/23	0.00658	0.00466	0.000664 J	0.00362	2.74	3.02	0.399	--
MW-315	03/12/24	0.00534	0.00315	0.000641 J	0.00251	3.82	4.73	0.531	--
MW-315	06/19/24	0.0174	0.0034	0.000941 J	0.00229	4.09	4.49	0.408	--
MW-315	09/19/24	0.0118	0.00316	0.000502 J	0.00289	3.51	4.05	0.377	--
MW-315	12/17/24	0.00171	0.0032	<0.00100	0.00297	2.79	4.17	0.488	--
MW-315	03/25/25	0.0156	0.00332	0.000670 J	0.00283	3.30	5.04	0.463	--
MW-315	06/25/25	0.0421	0.00302	0.000555 J	0.00253	3.15	3.63	0.353	--
SH-04	01/13/04	1.2	0.21	0.14	2.11	15	4.7	< 2.5	--
SH-04	04/20/04	1.5	0.49	0.64	5.79	26	6.2	< 10	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
SH-04	07/27/04	1.3	0.13	0.55	1.78	15	5.4	0.53	--
SH-04	04/20/05	0.98	0.061	0.36	1.07	11	4.2	< 1.5	--
SH-04	04/25/06	1.25	0.089	0.65	2.31	20	8.23	2.52	--
SH-04	10/30/07	0.884	0.0315	0.315	0.0814	<5.0	--	--	--
SH-04	05/20/08	1.1	0.048	0.52	0.657	8.9	4.8	0.92	--
SH-04	11/20/08	0.79	0.032	0.23	0.0384	6.6	2.7	< 0.5	--
SH-04	04/08/09	0.87	0.04	0.25	0.19	9.2	4.7	< 0.1	--
SH-04	11/16/09	0.48	0.023	0.068	0.016	4.9	3.7	< 0.1	--
SH-04	04/27/10	0.71	0.027	0.27	0.13	7.3	4.7	0.39	--
SH-04	10/25/10	0.58	0.019	0.18	0.013	4	2.8	< 0.1	--
SH-04	05/23/11	0.655	0.0145	0.151	0.034	5.4	1.84	0.13	--
SH-04	10/27/11	0.393	0.02	0.0926	0.0279	5.35	1.22	< 0.19	--
SH-04	03/01/12	0.614	0.0227	0.0932	0.0124 J	5.53	--	--	--
SH-04	06/11/12	0.426	0.0142	0.112	0.0198 J	6	1.49	0.393	--
SH-04	09/25/12	0.124	0.0184	0.461	0.139	6.52	--	--	--
SH-04	11/25/12	0.073	0.0079 J	0.609	0.326	8.15	0.762	< 0.098	--
SH-04	05/15/13	0.0016 J	0.0005	0.0042	0.0032 J	2.16	0.376	< 0.096	--
SH-04	11/04/13	0.0032	0.00043 J	0.0071	0.005	1.05	0.134	< 0.094	--
SH-04	04/24/14	0.0091	0.00053 J	0.00090 J	0.0014 J	0.938	0.469	0.0944 J	--
SH-04	11/06/14	0.0249	0.0023	0.0173	0.0072	0.984	0.608	< 0.094	--
SH-04	05/21/15	0.0094	0.00048 J	0.0035	0.0021	0.78	0.171	< 0.094	--
SH-04	12/08/15	0.0155	0.00118	0.00359	0.00409	0.927	1.74	0.422	--
SH-04	05/05/16	0.000454	< 0.000312	0.000939 J	0.000887 J	0.941	0.23	< 0.0601	--
SH-04	12/14/16	0.00534	0.000990 J	0.0199	0.0123	0.843	1	0.102 J	--
SH-04	06/14/17	0.00158	0.000468 J	0.00192	0.00208 J	0.702	0.242 J	0.138 J	--
SH-04	12/07/17	0.00934	0.0015	0.00205	0.00351	0.796	1.78	< 0.136	--
SH-04	06/13/18	0.0052	0.000593 J	0.0042	0.00212 J	0.724	0.187 J	< 0.123	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
SH-04	12/19/18	0.0118	0.00195	0.0125	0.00477	0.804	0.954	0.210 J	--
SH-04	05/16/19	0.00169	0.000346 J	0.00225	0.00227 J	1.35	0.582	0.174 J	--
SH-04	12/11/19	0.012	0.00186	0.00139	0.00342	0.0805	1.26	< 0.121	--
SH-04	06/30/20	0.00239	0.000477 J	0.00124	0.00123 J	0.379	0.256	< 0.119	--
SH-04	12/14/20	0.0118	0.00164	0.00587	0.00262	0.359	2.78	0.472	--
SH-04	06/15/21	0.00525	0.000511 J	0.00294	0.00162 J	0.472	0.209 J	<0.404	--
SH-04	12/15/21	0.0167	0.00172	0.0015	0.0038	1.29	2.67	0.400 J	--
SH-04	04/18/22	0.00626	0.00105	0.00384	0.00457	1.17	0.549	<0.392	--
SH-04	06/28/22	0.0117	0.0011	0.00263	0.00226 J	0.813	0.38	0.14 J	--
SH-04	12/13/22	0.00697	0.00107	0.00327	0.00283 J	0.369	1.82	0.417	--
SH-04	06/13/23	0.00265	0.000486 J	0.00175	0.00192 J	0.367	0.231 J	<0.398	--
SH-04	12/19/23	0.00223	0.000787 J	0.00329	0.00458	0.363	0.573	0.279 J	--
SH-04	06/18/24	0.00349	<0.00100	0.00106	<0.00200	0.232	0.904	0.287 J	--
SH-04	12/17/24	0.00478	0.00115	<0.00100	0.00163 J	0.247	2.57	0.361	--
SH-04	06/24/25	0.00646	0.00764 J	<0.000500	0.000928 J	0.177	2.91	0.415	--
TES-MW-1	01/14/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
TES-MW-1	04/20/04	0.0067	< 0.001	0.011	0.043	< 0.25	< 0.25	< 0.5	--
TES-MW-1	04/20/04	0.0075	< 0.001	0.013	0.049	< 0.25	< 0.25	< 0.5	--
TES-MW-1	07/28/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
TES-MW-1	10/18/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
TES-MW-1	01/25/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
TES-MW-1	01/25/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	< 0.25	< 0.5	--
TES-MW-1	04/19/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.05	< 0.25	< 0.5	--
TES-MW-1	07/13/05	0.001	< 0.001	0.006	0.0189	0.1	< 0.25	< 0.5	--
TES-MW-1	10/20/05	0.0039	< 0.001	0.013	0.0437	0.23	< 0.25	< 0.5	--
TES-MW-1	01/27/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	< 0.240	< 0.481	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TES-MW-1	11/18/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.25	< 0.5	--
TES-MW-1	11/18/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
TES-MW-1	10/26/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	--
TES-MW-1	05/24/11	<0.0003	<0.0005	<0.0003	<0.0007	<0.050	--	--	--
TES-MW-1	10/27/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.20	< 0.10	< 0.20	--
TES-MW-1	11/26/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.050	< 0.10	--
TES-MW-1	11/06/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.048	< 0.095	--
TES-MW-1	11/04/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.048	< 0.095	--
TES-MW-1	12/09/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	< 0.234	< 0.390	--
TES-MW-1	12/13/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	< 0.0466	< 0.0699	--
TES-MW-1	12/06/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.0816	< 0.122	--
TES-MW-1	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.106	< 0.116	--
TES-MW-1	12/09/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.111	< 0.121	--
TES-MW-1	12/16/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	<0.238	<0.397	--
TES-MW-1	12/14/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.237	0.162 J	--
TES-MW-1	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.256	<0.427	--
TES-MW-1	12/19/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	<0.110	0.115 J	--
TES-MW-1	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	<0.216	<0.378	--
TX-03A	01/13/04	2.9	0.018	0.038	0.091	2.7	0.86	< 0.5	--
TX-03A	04/19/04	4.4	0.047	0.12	0.11	12	1.3	< 0.5	--
TX-03A	07/27/04	1.7	0.011	0.016	0.037	5.2	0.81	< 0.5	--
TX-03A	10/18/04	3.2	0.024	0.062	0.093	7.5	1.2	< 0.5	--
TX-03A	01/24/05	2.5	0.02	< 0.01	0.065	8.2	0.54	< 0.5	--
TX-03A	04/19/05	2.5	0.021	0.026	0.049	6.1	0.47	< 0.5	--
TX-03A	07/12/05	3.1	0.024	0.044	0.054	10	0.32	< 0.5	--
TX-03A	10/31/07	2.2	0.0233	0.0601	0.0503	<5.0	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
TX-03A	05/20/08	0.88	0.007	0.016	0.01	3	--	--	--
TX-03A	11/20/08	2.1	0.019	0.038	0.018	4.5	--	--	--
TX-03A	04/08/09	1.2	< 0.025	0.028	< 0.025	3.5	--	--	--
TX-03A	11/17/09	0.97	0.0078	0.016	0.011	2.4	--	--	--
TX-03A	04/27/10	1.7	0.0096	0.0087	0.0099	4.6	--	--	--
TX-03A	10/25/10	1.7	0.011	0.067	0.013	3.3	--	--	--
TX-03A	05/23/11	1.78	<0.025	0.044	<0.035	7.53	--	--	--
TX-03A	10/27/11	3.44	0.0712	0.147	0.111	8.51	--	--	--
TX-03A	03/01/12	1.74	0.0261	0.0272	0.0345 J	5.58	--	--	--
TX-03A	06/12/12	1.57	0.0200 J	0.0139 J	0.0300 J	6.78	--	--	--
TX-03A	09/25/12	1.7	0.0298	0.041	0.0501	5.53	--	--	--
TX-03A	11/28/12	1.18	0.0188 J	0.0232	0.0357 J	4.91	--	--	--
TX-03A	02/21/13	2.81	0.0403	0.0421	0.0489 J	8.2	0.32	< 0.10	--
TX-03A	05/15/13	2.15	0.0459 J	0.189	0.0643 J	3.11	--	--	--
TX-03A	11/05/13	2.72	0.0343 J	0.0364 J	0.0411 J	6.01	--	--	--
TX-03A	04/23/14	1.22	0.0171	0.0251	0.027	5.76	--	--	--
TX-03A	07/24/14	1.64	0.0317	0.0698	0.052	7.55	0.382	< 0.094	--
TX-03A	11/04/14	0.941	0.0137	0.0366	0.0269	5.76	0.448	< 0.094	--
TX-03A	03/09/15	1.86	0.0246 J	0.0581	0.0390 J	7.16	--	--	--
TX-03A	05/21/15	1.15	0.0144 J	0.0462	0.0260 J	3.4	--	--	--
TX-03A	07/28/15	1.72	0.0213 J	0.118	0.0355 J	5.42	--	--	--
TX-03A	12/10/15	0.635	0.0126	0.026	0.0253	3.32	1.34	< 0.391	--
TX-03A	02/23/16	1.78	0.0274	0.0882	0.0385	5.17	--	--	--
TX-03A	05/02/16	1.54	0.037	0.208	0.0503	6.3	--	--	--
TX-03A	08/29/16	0.844	0.0257	0.246	0.053	5.89	--	--	--
TX-03A	12/15/16	0.995	0.0197 J	0.0697	0.0357 J	4.81	1.73	0.125 J	--
TX-03A	03/13/17	0.76	0.0208	0.0901	0.0352 J	3.66	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
TX-03A	06/13/17	1.37	0.0361	0.246	0.0618 J	5.36	--	--	--
TX-03A	08/22/17	1.08	0.0233	0.137	0.0363	4.55	--	--	--
TX-03A	12/05/17	0.258	0.00697 J	0.0172 J	0.0126 J	3.07	2.03	0.172 J	--
TX-03A	03/27/18	0.135	0.00114	0.00395	0.000969 J	1.21	--	--	--
TX-03A	06/13/18	0.204	0.0024	0.015	0.000713 J	0.97	--	--	--
TX-03A	09/06/18	0.263	0.00308	0.0252	0.00115 J	1.31	--	--	--
TX-03A	12/20/18	0.0278	0.000612 J	0.00282	0.000499 J	0.768	2.88	1.05	--
TX-03A	03/19/19	0.0131 J	< 0.000312	0.00143	< 0.000442	0.938	--	--	--
TX-03A	05/16/19	0.102 J	< 0.000170 J	0.00115 J	< 0.000580 J	0.991	--	--	--
TX-03A	09/19/19	0.00642	< 0.000312	0.00722	< 0.000442	0.446	--	--	--
TX-03A	12/11/19	0.00173	< 0.000312	0.0017	< 0.000442	0.521	1.72	0.154 J	--
TX-03A	04/28/20	0.023	< 0.000312	0.000578 J	< 0.000442	0.181	--	--	--
TX-03A	06/30/20	0.00796	< 0.000312	0.00135	< 0.000442	0.129 J	--	--	--
TX-03A	09/21/20	0.00527	<0.001	0.00293	<0.003	0.139 J	--	--	--
TX-03A	12/15/20	0.00499	0.00022	0.0029	<0.0005	<0.250	0.52	<0.371	--
TX-03A	04/12/21	0.0665 J	0.00151	0.00955	<0.000500	0.465	--	--	--
TX-03A	06/16/21	0.0416	0.00151	0.0192	0.000832 J	0.285	--	--	--
TX-03A	09/23/21	0.0183	0.000973 J	0.00677	0.000651 J	0.221	--	--	--
TX-03A	03/28/22	0.121	0.00255	0.012	0.00163 J	0.998	--	--	--
TX-03A	06/28/22	0.114	0.00632	0.0132	0.00356	1.39	--	--	--
TX-03A	09/21/22	0.00895	0.000999 J	0.00181	0.00111 J	0.294	--	--	--
TX-03A	12/13/22	0.122	0.00701	0.0014	0.00682	1.05	1.51	0.598	--
TX-03A	03/27/23	0.165	0.00807	0.00532	0.00904	1.50	--	--	--
TX-03A	06/14/23	0.241	0.0088	0.00497	0.00791	1.37	--	--	--
TX-03A	09/12/23	0.089	0.0076	0.000770 J	0.0086	1.98	--	--	--
TX-03A	12/20/23	0.0886	0.00846	0.00165	0.0108	1.99	1.20	0.374	--
TX-03A	03/11/24	0.169	<0.0100	<0.0100	<0.0200	2.84	--	--	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TX-03A	06/19/24	0.152	<0.0100	<0.0100	<0.0200	2.33	--	--	--
TX-03A	09/19/24	0.213	0.0122	<0.0100	0.0147 J	2.42	--	--	--
TX-03A	12/17/24	0.132	0.00840 J	0.00506 J	0.0110 J	1.92	1.50	0.639	--
TX-03A	03/24/25	0.0667	0.00686	0.00116	0.0129	1.91	--	--	--
TX-03A	06/24/25	0.204	0.0101	0.00287	0.0175	2.69	--	--	--
TX-04	01/13/04	0.025	0.0055	< 0.001	0.0194	0.65	0.59	< 0.5	--
TX-04	04/21/04	0.0025	0.0017	< 0.001	0.0031	0.47	2.2	< 0.75	--
TX-04	07/27/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	1.5	< 0.5	--
TX-04	10/18/04	< 0.001	< 0.001	< 0.001	0.0022	0.28	1.2	< 0.5	--
TX-04	01/24/05	0.031	0.0071	< 0.001	0.0204	0.87	0.64	< 0.5	--
TX-04	04/20/05	0.014	0.0036	< 0.001	0.0085	0.54	0.73	< 0.5	--
TX-04	07/12/05	< 0.001	< 0.001	< 0.001	0.0014	0.34	0.82	< 0.5	--
TX-04	10/18/05	< 0.001	< 0.001	< 0.001	< 0.001	0.20	1.1	< 0.5	--
TX-04	01/25/06	0.00127	0.001	< 0.0005	0.00151	0.206	0.835	< 0.476	--
TX-04	11/18/08	< 0.005	< 0.005	< 0.005	< 0.005	0.076	< 0.25	< 0.5	--
TX-04	11/16/09	< 0.0005	< 0.001	< 0.001	< 0.001	0.17	0.13	< 0.1	--
TX-04	10/25/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.17	< 0.1	--
TX-04	05/23/11	<0.0003	<0.0005	<0.0003	<0.0007	0.0554	--	--	--
TX-04	10/26/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.20	0.0966	< 0.20	--
TX-04	11/26/12	0.0013	0.00038 J	< 0.00020	0.00052 J	0.0980 J	0.0807 J	< 0.10	--
TX-04	11/04/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.0492 J	< 0.095	--
TX-04	11/06/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	< 0.048	< 0.096	--
TX-04	12/08/15	0.000268	< 0.0010	< 0.0010	< 0.0030	< 0.100	< 0.245	< 0.408	--
TX-04	12/12/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	0.0762 J	< 0.0608	--
TX-04	12/05/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.0834	< 0.125	--
TX-04	12/19/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	< 0.104	< 0.114	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
Site-Specific Cleanup Level:		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TX-04	12/12/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.122 J	< 0.119	--
TX-04	12/14/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	<0.110	<0.351	--
TX-04	12/15/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.247	<0.411	--
TX-04	12/13/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	<0.232	<0.386	--
TX-04	12/19/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	<0.120	0.125 J	--
TX-04	12/17/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.160 J	0.194 J	--
TX-06A	01/14/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	5.8	< 1	--
TX-06A	04/21/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	3.4	< 0.75	--
TX-06A	07/27/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	3.6	< 0.5	--
TX-06A	10/18/04	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	4.1	< 0.5	--
TX-06A	01/24/05	< 0.001	< 0.001	< 0.001	< 0.001	< 0.25	2.7	< 0.5	--
TX-06A	04/20/05	< 0.001	< 0.001	< 0.001	< 0.001	0.18	6.3	< 1.5	--
TX-06A	07/13/05	< 0.001	< 0.001	< 0.001	< 0.001	0.26	2.5	< 0.5	--
TX-06A	10/18/05	< 0.001	< 0.001	< 0.001	< 0.001	0.072	0.93	< 0.5	--
TX-06A	01/26/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	0.126	1.57	< 0.476	--
TX-06A	11/18/08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	0.49	< 0.5	--
TX-06A	11/17/09	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.24	< 0.1	--
TX-06A	10/28/10	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.1	0.72	< 0.1	--
TX-06A	10/25/11	< 0.0010	< 0.0010	< 0.0010	< 0.0020	0.0519	0.499	< 0.21	--
TX-06A	11/25/12	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.50	0.716	< 0.098	--
TX-06A	11/07/13	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.358	< 0.095	--
TX-06A	11/06/14	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	0.758	0.184	--
TX-06A	12/08/15	< 0.00020	< 0.0010	< 0.0010	< 0.0030	< 0.100	1.03	<0.388	--
TX-06A	12/12/16	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0178	0.433	0.0707 J	--
TX-06A	12/05/17	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.36	< 0.122	--
TX-06A	12/20/18	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.592	0.244 J	--

Table 6

**BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	Volatile Organic Compounds				Hydrocarbons			Lead
		Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	TPHo	Total
		0.071	200	29	NE	1	10	10	0.0058
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TX-06A	12/10/19	< 0.0000930	< 0.000312	< 0.000198	< 0.000442	< 0.0704	0.244	< 0.119	--
TX-06A	12/14/20	<0.00020	<0.0002	<0.00020	<0.0005	<0.250	1.32	0.589	--
TX-06A	12/15/21	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.589	0.146 J	--
TX-06A	12/12/22	<0.000400	<0.00100	<0.00100	<0.00300	<0.150	0.659	0.210 J	--
TX-06A	12/19/23	<0.00100	<0.00100	<0.00100	<0.00200	<0.100	0.816	0.483	--
TX-06A	12/16/24	<0.00100	<0.00100	<0.00100	<0.00200	<0.150	0.885	0.527	--
MW-01	07/28/15	< 0.00020	< 0.00020	< 0.00020	< 0.00046	< 0.050	--	--	--

Notes:

= Indicates data collected during this progress report period

¹ = Dissolved lead result

Bold = indicate detected concentration greater than cleanup level

BTEX = benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8260.

J = Result is less than the reporting limit, but greater than or equal to the method detection limit, and the concentration is an approximate value.

J+ = The result is an estimated quantity, but the result may be biased high.

J- = The result is an estimated quantity, but the result may be biased low.

< = not detected at or above the indicated limit. Beginning June 12, 2012, limits shown are laboratory Method Detection Limits (MDLs). Prior to June 12, 2012, limits shown are laboratory Reporting Limits (RLs).

mg/L = milligrams per liter

NA = not analyzed

NE = not established

TPHg = Total petroleum hydrocarbons as gasoline analyzed by Northwest Method NWTPH-Gx.

TPHd = Total petroleum hydrocarbons as diesel analyzed by Northwest Method NWTPH-Dx.

TPHo = Total petroleum hydrocarbons as oil analyzed by Northwest Method NWTPH-Dx.

Table 7

**Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	PAHs							
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)pyrene	cPAH TEQ
		-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	0.000031 mg/L
MW-213	01/14/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	04/20/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	07/28/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	10/19/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	01/25/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	04/19/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	07/12/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	10/20/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	01/26/06	< 0.0000943	< 0.0000943	< 0.0000943	< 0.0000943	< 0.0000943	< 0.0000943	< 0.0000943	< 0.0000943
MW-213	10/30/07	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MW-213	11/19/08	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MW-213	04/07/09	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	11/18/09	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	04/26/10	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	10/28/10	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-213	05/24/11	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.00003
MW-213	10/25/11	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
MW-213	06/12/12	< 0.000050	< 0.000041	< 0.000035	< 0.000039	< 0.000045	< 0.000035	< 0.000035	< 0.000050
MW-213	11/29/12	< 0.000053	< 0.000041	< 0.000035	< 0.000039	< 0.000045	< 0.000035	< 0.000035	< 0.000053
MW-213	05/15/13	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-213	11/05/13	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000043	< 0.000033	< 0.000033	< 0.000050
MW-213	04/23/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000043	< 0.000033	< 0.000033	< 0.000050
MW-213	11/05/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-213	05/19/15	< 0.0014	< 0.0011	< 0.0013	< 0.0013	< 0.0016	< 0.0012	< 0.0013	< 0.0016
MW-213	12/09/15	< 0.0000948	< 0.0000948	< 0.0000948	< 0.0000948	< 0.0000948	< 0.0000948	< 0.0000948	< 0.0000948
MW-213	05/03/16	< 0.00000920	< 0.0000101	< 0.0000101	< 0.0000138	< 0.00000644	< 0.0000120	< 0.0000202	< 0.0000202
MW-213	12/13/16	0.0000122	< 0.0000887	< 0.0000108	< 0.0000148	< 0.00000690	< 0.0000128	< 0.0000217	0.00000122

Table 7

**Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	PAHs							
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)pyrene	cPAH TEQ
		-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	0.000031 mg/L
MW-213	06/14/17	< 0.0000888	< 0.0000109	< 0.0000109	< 0.0000148	< 0.00000691	< 0.0000128	< 0.0000217	< 0.0000128
MW-213	12/07/17	< 0.00000965	< 0.0000106	< 0.0000106	< 0.0000145	< 0.00000676	< 0.0000125	< 0.0000212	< 0.0000212
MW-213	06/12/18	< 0.0000103	< 0.0000113	< 0.0000113	< 0.0000154	< 0.00000720	< 0.0000134	< 0.0000226	< 0.0000226
MW-213	12/19/18	< 0.0000119	< 0.0000119	< 0.0000109	< 0.0000149	< 0.00000893	< 0.0000129	< 0.0000218	< 0.0000218
MW-213	05/16/19	< 0.0000119	< 0.0000119	< 0.0000109	< 0.0000149	< 0.00000893	< 0.0000129	< 0.0000218	< 0.0000218
MW-213	12/11/19	< 0.0000119	< 0.0000896	< 0.0000109	< 0.0000149	< 0.00000995	< 0.0000129	< 0.0000219	< 0.0000219
MW-213	06/29/20	<0.0000124	<0.0000124	<0.0000113	<0.0000154	<0.0000103	<0.0000134	<0.0000226	<0.0000226
MW-213	12/16/20	<0.0000503	<0.000101	<0.0000503	<0.0000503	<0.000101	<0.000101	<0.0000503	<0.000101
MW-213	06/14/21	<0.0000506	<0.000101	<0.0000506	<0.0000506	<0.000101	<0.000101	<0.0000506	<0.000101
MW-213	12/16/21	<0.0000895	<0.0000895	<0.0000895	<0.0000895	<0.0000895	<0.0000895	<0.0000895	<0.0000895
MW-213	06/29/22	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905
MW-213	12/12/22	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905
MW-213	06/12/23	<0.0000907	<0.0000907	<0.0000907	<0.0000907	<0.0000907	<0.0000907	<0.0000907	<0.0000907
MW-213	12/18/23	<0.0000530	<0.000106	<0.000106	<0.0000530	<0.000106	<0.000106	<0.0000530	<0.000106
MW-213	06/19/24	<0.0000529	<0.000106	<0.000106	<0.0000529	<0.000106	<0.000106	<0.0000529	<0.000106
MW-213	12/16/24	<0.0000537	<0.000107	<0.000107	<0.0000537	<0.000107	<0.000107	<0.0000537	<0.000107
MW-213	06/24/25	<0.0000137	<0.0000215	<0.0000215	<0.0000118	<0.0000362	<0.0000147	<0.0000137	<0.0000362
MW-214	01/30/03	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	04/17/03	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	07/17/03	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	10/16/03	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	01/14/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	04/20/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	07/28/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	10/19/04	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	01/25/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001

Table 7

**Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	PAHs							
		Benzo(a)- anthracene	Benzo(a)- pyrene	Benzo(b)- fluoranthene	Benzo(k)- fluoranthene	Chrysene	Dibenz(a,h)- anthracene	Indeno(1,2,3- cd)pyrene	cPAH TEQ
		-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	0.000031 mg/L
MW-214	04/19/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	07/12/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	10/20/05	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	01/26/06	< 0.000099	< 0.000099	< 0.000099	< 0.000099	< 0.000099	< 0.000099	< 0.000099	< 0.000099
MW-214	10/30/07	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MW-214	05/05/08	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MW-214	11/19/08	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MW-214	04/07/09	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	11/18/09	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	04/26/10	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	10/28/10	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
MW-214	05/24/11	< 0.000029	< 0.000029	< 0.000029	< 0.000029	< 0.000029	< 0.000029	< 0.000029	< 0.000029
MW-214	10/25/11	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
MW-214	06/12/12	< 0.000051	< 0.000040	< 0.000034	< 0.000038	< 0.000044	< 0.000034	< 0.000034	< 0.000051
MW-214	11/29/12	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-214	05/15/13	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-214	11/05/13	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-214	04/23/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000043	< 0.000033	< 0.000033	< 0.000050
MW-214	11/05/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-214	05/19/15	< 0.0013	< 0.0010	< 0.0012	< 0.0013	< 0.0015	< 0.0012	< 0.0013	< 0.0015
MW-214	12/09/15	< 0.0000908	< 0.0000908	< 0.0000908	< 0.0000908	< 0.0000908	< 0.0000908	< 0.0000908	< 0.0015
MW-214	05/04/16	< 0.00000926	< 0.0000102	< 0.0000102	< 0.0000139	< 0.00000648	< 0.0000120	< 0.0000204	< 0.0000204
MW-214	12/14/16	0.00000994	< 0.0000883	< 0.0000108	< 0.0000147	< 0.00000687	< 0.0000128	< 0.0000216	0.00000994
MW-214	06/14/17	< 0.0000850	< 0.0000104	< 0.0000104	< 0.0000142	< 0.00000661	< 0.0000123	< 0.0000208	< 0.0000208
MW-214	12/07/17	< 0.0000102	< 0.0000112	< 0.0000112	< 0.0000153	< 0.00000713	< 0.0000132	< 0.0000224	< 0.0000224
MW-214	06/12/18	< 0.00000976	< 0.0000107	< 0.0000107	< 0.0000146	< 0.00000683	< 0.0000127	< 0.0000215	< 0.0000215
MW-214	12/19/18	< 0.0000119	< 0.0000119	< 0.0000109	< 0.0000149	< 0.00000894	< 0.0000129	< 0.0000219	< 0.0000219

Table 7

**Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	PAHs							
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)pyrene	cPAH TEQ
		-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	0.000031 mg/L
MW-214	05/16/19	< 0.0000119	< 0.0000119	< 0.0000109	< 0.0000149	< 0.00000894	< 0.0000129	< 0.0000219	< 0.0000219
MW-214	12/11/19	0.0000141 J	< 0.0000921	< 0.0000113	< 0.0000154	< 0.0000102	< 0.0000133	< 0.0000225	0.00000141
MW-214	06/29/20	<0.0000117	<0.0000117	<0.0000108	<0.0000147	<0.00000977	<0.0000127	<0.0000215	<0.0000215
MW-214	12/16/20	<0.0000517	<0.000103	<0.0000517	<0.0000517	<0.000103	<0.000103	<0.0000517	<0.0000517
MW-214	06/14/21	<0.0000499	<0.0000999	<0.0000499	<0.0000499	<0.0000999	<0.0000999	<0.0000499	<0.0000499
MW-214	12/16/21	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905	<0.0000905
MW-214	06/29/22	<0.0000910	0.0000123 J	<0.0000910	<0.0000910	0.0000148 J	<0.0000910	<0.0000910	0.0000124
MW-214	12/12/22	<0.0000904	<0.0000904	<0.0000904	<0.0000904	<0.0000904	<0.0000904	<0.0000904	<0.0000904
MW-214	06/12/23	0.0000224 J	<0.0000903	<0.0000903	<0.0000903	<0.0000903	<0.0000903	<0.0000903	0.00000224
MW-214	12/18/23	0.0000275 J	0.0000243 J	0.0000275 J	0.0000243 J	<0.0000984	<0.0000984	0.0000228 J	0.0000345 J
MW-214	06/19/24	<0.0000504	<0.000101	<0.000101	<0.0000504	<0.000101	<0.000101	<0.0000504	<0.000101
MW-214	12/16/24	<0.0000519	<0.000104	<0.000104	<0.0000519	<0.000104	<0.000104	<0.0000519	<0.000104
MW-214	06/24/25	<0.0000135	<0.0000212	<0.0000212	<0.0000116	<0.0000356	<0.0000145	<0.0000135	<0.0000356
MW-301	07/24/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-301	05/21/15	< 0.0014	< 0.0011	< 0.0013	< 0.0013	< 0.0016	< 0.0012	< 0.0013	< 0.0016
MW-302	07/24/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-302	05/21/15	< 0.0013	< 0.0010	< 0.0012	< 0.0013	< 0.0015	< 0.0012	< 0.0013	< 0.0015
MW-303	07/24/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000043	< 0.000033	< 0.000033	< 0.000050
MW-303	05/20/15	< 0.0014	< 0.0011	< 0.0013	< 0.0013	< 0.0016	< 0.0012	< 0.0013	< 0.0016
MW-304	07/24/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-304	05/20/15	< 0.0013	< 0.0010	< 0.0012	< 0.0013	< 0.0015	< 0.0012	< 0.0013	< 0.0015
MW-309	07/24/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050

Table 7

**Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington**

Sample ID	Sample Date	PAHs							
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)pyrene	cPAH TEQ
Site-Specific Cleanup Level		-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	-- mg/L	0.000031 mg/L
MW-309	05/20/15	< 0.0014	< 0.0011	< 0.0013	< 0.0014	< 0.0016	< 0.0012	< 0.0013	< 0.0016
MW-310	07/24/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-310	05/21/15	< 0.0013	< 0.0010	< 0.0012	< 0.0013	< 0.0015	< 0.0012	< 0.0013	< 0.0015
MW-311	11/05/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
MW-312	11/05/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
TX-03A	07/24/14	< 0.000050	< 0.000039	< 0.000033	< 0.000037	< 0.000042	< 0.000033	< 0.000033	< 0.000050
TX-03A	05/21/15	< 0.0014	< 0.0010	< 0.0013	< 0.0013	< 0.0016	< 0.0012	< 0.0013	< 0.0016

Notes:

= Indicates data collected during this progress report period

-- = There are not established individual cleanup levels for polycyclic aromatic hydrocarbons (PAHs). The carcinogenic PAHs (cPAH) total toxic equivalent concentration (TEQ) is calculated and compared to the established cleanup level.

J = Result is less than the reporting limit, but greater than or equal to the method detection limit, and the concentration is an approximate value.

< = not detected at or above the indicated limit. Beginning June 12, 2012, limits shown are laboratory Method Detection Limits (MDLs). Prior to June 12, 2012, limits shown are laboratory Reporting Limits (RLs).

mg/L = milligrams per liter

PAHs = polycyclic aromatic hydrocarbons

Attachments

Attachment 1

Laboratory Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Cloud
GHD Services Inc.
4550 Kruse Way, Suite 300
Lake Oswego, Oregon 97035

Generated 7/11/2025 7:36:53 PM

JOB DESCRIPTION

12631170 Shell TRITON WEST CONSENT DECREE

JOB NUMBER

580-151752-1

Eurofins Seattle

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



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Case Narrative

Client: GHD Services Inc.
Project: 12631170 Shell TRITON WEST CONSENT DECREE

Job ID: 580-151752-1

Job ID: 580-151752-1

Eurofins Seattle

Job Narrative 580-151752-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/25/2025 1:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.0°C and 4.0°C.

Gasoline Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 580-496184 recovered outside control limits for the following analytes: Benzene, Toluene, Ethylbenzene and Xylenes, Total. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-301 (580-151752-15), TX-03A (580-151752-16) and MW-303 (580-151752-22). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-304 (580-151752-24). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hydrocarbons

Method NWTPH_Dx: The following samples formed emulsions during the extraction procedure: MW-202 (580-151752-2), MW-05 (580-151752-5) and MW-203 (580-151752-25). The emulsions were broken up using additional sodium sulfate and methylene chloride rinses. NWTPH_Dx

Method NWTPH_Dx: The following sample contained a hydrocarbon pattern in the diesel range; however, the elution pattern is not the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-104 (580-151752-4), MW-05 (580-151752-5) and MW-213 (580-151752-12).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-314

Lab Sample ID: 580-151752-1

Date Collected: 06/23/25 10:10

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000390	J	0.00100	0.000240	mg/L			07/01/25 04:40	1
Toluene	0.000532	J **	0.00100	0.000390	mg/L			07/01/25 04:40	1
Ethylbenzene	ND	**	0.00100	0.000500	mg/L			07/01/25 04:40	1
Xylenes, Total	0.000669	J **	0.00200	0.000530	mg/L			07/01/25 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/01/25 04:40	1
4-Bromofluorobenzene (Surr)	102		80 - 120		07/01/25 04:40	1
Dibromofluoromethane (Surr)	102		80 - 120		07/01/25 04:40	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		07/01/25 04:40	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	0.405		0.150	0.0730	mg/L			07/01/25 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		07/01/25 04:40	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	1.01		0.195	0.0888	mg/L		07/01/25 09:01	07/03/25 17:59	1
Motor Oil (>C24-C36)	0.230	J	0.341	0.127	mg/L		07/01/25 09:01	07/03/25 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150	07/01/25 09:01	07/03/25 17:59	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-202

Lab Sample ID: 580-151752-2

Date Collected: 06/23/25 11:10

Matrix: Water

Date Received: 06/25/25 13:20

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	0.508		0.150	0.0730	mg/L	-		07/01/25 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123					07/01/25 05:27	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	1.92		0.187	0.0852	mg/L	-	07/01/25 09:01	07/03/25 18:19	1
Motor Oil (>C24-C36)	0.353		0.328	0.122	mg/L	-	07/01/25 09:01	07/03/25 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	63		50 - 150				07/01/25 09:01	07/03/25 18:19	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-111

Lab Sample ID: 580-151752-3

Date Collected: 06/23/25 12:40

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00219		0.00100	0.000240	mg/L			07/01/25 05:03	1
Toluene	ND	*+	0.00100	0.000390	mg/L			07/01/25 05:03	1
Ethylbenzene	ND	*+	0.00100	0.000500	mg/L			07/01/25 05:03	1
Xylenes, Total	ND	*+	0.00200	0.000530	mg/L			07/01/25 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 05:03	1
4-Bromofluorobenzene (Surr)	101		80 - 120		07/01/25 05:03	1
Dibromofluoromethane (Surr)	102		80 - 120		07/01/25 05:03	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		07/01/25 05:03	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/01/25 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123		07/01/25 05:03	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	0.120	J	0.195	0.0888	mg/L		07/01/25 09:01	07/03/25 18:40	1
Motor Oil (>C24-C36)	ND		0.342	0.127	mg/L		07/01/25 09:01	07/03/25 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69		50 - 150	07/01/25 09:01	07/03/25 18:40	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-104

Lab Sample ID: 580-151752-4

Date Collected: 06/23/25 13:10

Matrix: Water

Date Received: 06/25/25 13:20

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	1.78		0.150	0.0730	mg/L			07/01/25 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123					07/01/25 19:01	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	0.953		0.201	0.0913	mg/L		07/01/25 09:01	07/03/25 19:01	1
Motor Oil (>C24-C36)	0.470		0.351	0.130	mg/L		07/01/25 09:01	07/03/25 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150				07/01/25 09:01	07/03/25 19:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.00337	B	0.00250	0.000200	mg/L		07/01/25 14:06	07/02/25 14:17	5

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-05

Lab Sample ID: 580-151752-5

Date Collected: 06/23/25 13:40

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/01/25 13:58	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 13:58	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 13:58	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 13:58	1
4-Bromofluorobenzene (Surr)	100		80 - 120		07/01/25 13:58	1
Dibromofluoromethane (Surr)	105		80 - 120		07/01/25 13:58	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		07/01/25 13:58	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/01/25 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123		07/01/25 13:58	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	0.280		0.196	0.0894	mg/L		07/01/25 09:01	07/03/25 19:22	1
Motor Oil (>C24-C36)	0.301	J	0.344	0.128	mg/L		07/01/25 09:01	07/03/25 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150	07/01/25 09:01	07/03/25 19:22	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-307

Lab Sample ID: 580-151752-6

Date Collected: 06/24/25 08:00

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0507		0.00100	0.000240	mg/L			07/01/25 18:38	1
Toluene	0.0136		0.00100	0.000390	mg/L			07/01/25 18:38	1
Ethylbenzene	0.0384		0.00100	0.000500	mg/L			07/01/25 18:38	1
Xylenes, Total	0.0213		0.00200	0.000530	mg/L			07/01/25 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		07/01/25 18:38	1
4-Bromofluorobenzene (Surr)	102		80 - 120		07/01/25 18:38	1
Dibromofluoromethane (Surr)	101		80 - 120		07/01/25 18:38	1
1,2-Dichloroethane-d4 (Surr)	90		80 - 120		07/01/25 18:38	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	1.62		0.150	0.0730	mg/L			07/01/25 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		07/01/25 18:38	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	2.88		0.192	0.0872	mg/L		07/01/25 09:01	07/03/25 19:43	1
Motor Oil (>C24-C36)	0.361		0.336	0.125	mg/L		07/01/25 09:01	07/03/25 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150	07/01/25 09:01	07/03/25 19:43	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-308

Lab Sample ID: 580-151752-7

Date Collected: 06/24/25 08:35

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00108		0.00100	0.000240	mg/L			07/01/25 14:22	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 14:22	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 14:22	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 14:22	1
4-Bromofluorobenzene (Surr)	102		80 - 120		07/01/25 14:22	1
Dibromofluoromethane (Surr)	103		80 - 120		07/01/25 14:22	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		07/01/25 14:22	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/01/25 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		07/01/25 14:22	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-114

Lab Sample ID: 580-151752-8

Date Collected: 06/24/25 09:45

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/01/25 14:45	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 14:45	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 14:45	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 14:45	1
4-Bromofluorobenzene (Surr)	100		80 - 120		07/01/25 14:45	1
Dibromofluoromethane (Surr)	104		80 - 120		07/01/25 14:45	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		07/01/25 14:45	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/01/25 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123		07/01/25 14:45	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	ND		0.200	0.0911	mg/L		07/01/25 09:01	07/03/25 20:04	1
Motor Oil (>C24-C36)	0.169	J	0.350	0.130	mg/L		07/01/25 09:01	07/03/25 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	07/01/25 09:01	07/03/25 20:04	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-115

Lab Sample ID: 580-151752-9

Date Collected: 06/24/25 10:20

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/01/25 18:14	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 18:14	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 18:14	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/01/25 18:14	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/01/25 18:14	1
Dibromofluoromethane (Surr)	102		80 - 120		07/01/25 18:14	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		07/01/25 18:14	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	0.775		0.150	0.0730	mg/L			07/01/25 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/01/25 18:14	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	3.42		0.195	0.0888	mg/L		07/01/25 09:01	07/03/25 20:46	1
Motor Oil (>C24-C36)	0.889		0.341	0.127	mg/L		07/01/25 09:01	07/03/25 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	68		50 - 150	07/01/25 09:01	07/03/25 20:46	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-113

Lab Sample ID: 580-151752-10

Date Collected: 06/24/25 10:50

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0554		0.00100	0.000240	mg/L			07/01/25 15:55	1
Toluene	0.00368		0.00100	0.000390	mg/L			07/01/25 15:55	1
Ethylbenzene	0.00267		0.00100	0.000500	mg/L			07/01/25 15:55	1
Xylenes, Total	0.0102		0.00200	0.000530	mg/L			07/01/25 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 15:55	1
4-Bromofluorobenzene (Surr)	102		80 - 120		07/01/25 15:55	1
Dibromofluoromethane (Surr)	104		80 - 120		07/01/25 15:55	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		07/01/25 15:55	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	0.251		0.150	0.0730	mg/L			07/01/25 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		07/01/25 15:55	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	1.41		0.197	0.0895	mg/L		07/01/25 09:01	07/03/25 21:06	1
Motor Oil (>C24-C36)	0.510		0.344	0.128	mg/L		07/01/25 09:01	07/03/25 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	07/01/25 09:01	07/03/25 21:06	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-214

Lab Sample ID: 580-151752-11

Date Collected: 06/24/25 11:40

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/01/25 15:08	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 15:08	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 15:08	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 15:08	1
4-Bromofluorobenzene (Surr)	101		80 - 120		07/01/25 15:08	1
Dibromofluoromethane (Surr)	104		80 - 120		07/01/25 15:08	1
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		07/01/25 15:08	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/01/25 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123		07/01/25 15:08	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.000482	0.000157	mg/L		06/30/25 13:41	07/09/25 23:54	1
2-Methylnaphthalene	ND		0.000193	0.0000376	mg/L		06/30/25 13:41	07/09/25 23:54	1
1-Methylnaphthalene	ND		0.0000963	0.0000318	mg/L		06/30/25 13:41	07/09/25 23:54	1
Acenaphthylene	ND		0.0000482	0.0000086	mg/L		06/30/25 13:41	07/09/25 23:54	1
Acenaphthene	ND		0.0000963	0.0000135	mg/L		06/30/25 13:41	07/09/25 23:54	1
Fluorene	ND		0.0000963	0.0000164	mg/L		06/30/25 13:41	07/09/25 23:54	1
Phenanthrene	ND		0.0000963	0.0000356	mg/L		06/30/25 13:41	07/09/25 23:54	1
Anthracene	ND		0.0000963	0.0000212	mg/L		06/30/25 13:41	07/09/25 23:54	1
Fluoranthene	ND		0.000193	0.0000520	mg/L		06/30/25 13:41	07/09/25 23:54	1
Pyrene	ND		0.0000963	0.0000318	mg/L		06/30/25 13:41	07/09/25 23:54	1
Benzo[a]anthracene	ND		0.0000482	0.0000135	mg/L		06/30/25 13:41	07/09/25 23:54	1
Chrysene	ND		0.0000963	0.0000356	mg/L		06/30/25 13:41	07/09/25 23:54	1
Benzo[b]fluoranthene	ND		0.0000963	0.0000212	mg/L		06/30/25 13:41	07/09/25 23:54	1
Benzo[k]fluoranthene	ND		0.0000482	0.0000116	mg/L		06/30/25 13:41	07/09/25 23:54	1
Benzo[a]pyrene	ND		0.0000963	0.0000212	mg/L		06/30/25 13:41	07/09/25 23:54	1
Indeno[1,2,3-cd]pyrene	ND		0.0000482	0.0000135	mg/L		06/30/25 13:41	07/09/25 23:54	1
Dibenz(a,h)anthracene	ND		0.0000963	0.0000145	mg/L		06/30/25 13:41	07/09/25 23:54	1
Benzo[g,h,i]perylene	ND		0.0000482	0.0000116	mg/L		06/30/25 13:41	07/09/25 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	82		29 - 150	06/30/25 13:41	07/09/25 23:54	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	ND		0.198	0.0901	mg/L		07/01/25 09:01	07/03/25 21:27	1
Motor Oil (>C24-C36)	ND		0.346	0.129	mg/L		07/01/25 09:01	07/03/25 21:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150	07/01/25 09:01	07/03/25 21:27	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-213

Lab Sample ID: 580-151752-12

Date Collected: 06/24/25 12:20

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/01/25 17:51	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 17:51	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 17:51	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/01/25 17:51	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/01/25 17:51	1
Dibromofluoromethane (Surr)	102		80 - 120		07/01/25 17:51	1
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		07/01/25 17:51	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/01/25 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/01/25 17:51	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.000490	0.000160	mg/L		06/30/25 13:41	07/10/25 00:16	1
2-Methylnaphthalene	ND		0.000196	0.0000382	mg/L		06/30/25 13:41	07/10/25 00:16	1
1-Methylnaphthalene	ND		0.0000979	0.0000323	mg/L		06/30/25 13:41	07/10/25 00:16	1
Acenaphthylene	ND		0.0000490	0.0000088	mg/L		06/30/25 13:41	07/10/25 00:16	1
Acenaphthene	ND		0.0000979	0.0000137	mg/L		06/30/25 13:41	07/10/25 00:16	1
Fluorene	ND		0.0000979	0.0000166	mg/L		06/30/25 13:41	07/10/25 00:16	1
Phenanthrene	ND		0.0000979	0.0000362	mg/L		06/30/25 13:41	07/10/25 00:16	1
Anthracene	ND		0.0000979	0.0000215	mg/L		06/30/25 13:41	07/10/25 00:16	1
Fluoranthene	ND		0.000196	0.0000529	mg/L		06/30/25 13:41	07/10/25 00:16	1
Pyrene	ND		0.0000979	0.0000323	mg/L		06/30/25 13:41	07/10/25 00:16	1
Benzo[a]anthracene	ND		0.0000490	0.0000137	mg/L		06/30/25 13:41	07/10/25 00:16	1
Chrysene	ND		0.0000979	0.0000362	mg/L		06/30/25 13:41	07/10/25 00:16	1
Benzo[b]fluoranthene	ND		0.0000979	0.0000215	mg/L		06/30/25 13:41	07/10/25 00:16	1
Benzo[k]fluoranthene	ND		0.0000490	0.0000118	mg/L		06/30/25 13:41	07/10/25 00:16	1
Benzo[a]pyrene	ND		0.0000979	0.0000215	mg/L		06/30/25 13:41	07/10/25 00:16	1
Indeno[1,2,3-cd]pyrene	ND		0.0000490	0.0000137	mg/L		06/30/25 13:41	07/10/25 00:16	1
Dibenz(a,h)anthracene	ND		0.0000979	0.0000147	mg/L		06/30/25 13:41	07/10/25 00:16	1
Benzo[g,h,i]perylene	ND		0.0000490	0.0000118	mg/L		06/30/25 13:41	07/10/25 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	85		29 - 150	06/30/25 13:41	07/10/25 00:16	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	0.215		0.196	0.0894	mg/L		07/01/25 09:01	07/03/25 21:48	1
Motor Oil (>C24-C36)	0.221	J	0.344	0.128	mg/L		07/01/25 09:01	07/03/25 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	76		50 - 150	07/01/25 09:01	07/03/25 21:48	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-112A

Lab Sample ID: 580-151752-13

Date Collected: 06/24/25 13:55

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00175		0.00100	0.000240	mg/L			07/01/25 16:18	1
Toluene	0.00130		0.00100	0.000390	mg/L			07/01/25 16:18	1
Ethylbenzene	0.0367		0.00100	0.000500	mg/L			07/01/25 16:18	1
Xylenes, Total	0.00266		0.00200	0.000530	mg/L			07/01/25 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 16:18	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/01/25 16:18	1
Dibromofluoromethane (Surr)	103		80 - 120		07/01/25 16:18	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/01/25 16:18	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	2.24		0.150	0.0730	mg/L			07/01/25 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/01/25 16:18	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	5.51		0.196	0.0892	mg/L		07/01/25 09:01	07/03/25 22:09	1
Motor Oil (>C24-C36)	0.698		0.343	0.127	mg/L		07/01/25 09:01	07/03/25 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	07/01/25 09:01	07/03/25 22:09	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: SH-04

Lab Sample ID: 580-151752-14

Date Collected: 06/24/25 13:20

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00646		0.00100	0.000240	mg/L			07/01/25 16:41	1
Toluene	0.000764	J	0.00100	0.000390	mg/L			07/01/25 16:41	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 16:41	1
Xylenes, Total	0.000928	J	0.00200	0.000530	mg/L			07/01/25 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 16:41	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/01/25 16:41	1
Dibromofluoromethane (Surr)	101		80 - 120		07/01/25 16:41	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		07/01/25 16:41	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	0.177		0.150	0.0730	mg/L			07/01/25 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/01/25 16:41	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	2.91		0.199	0.0906	mg/L		07/01/25 09:01	07/03/25 22:30	1
Motor Oil (>C24-C36)	0.415		0.348	0.129	mg/L		07/01/25 09:01	07/03/25 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	07/01/25 09:01	07/03/25 22:30	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-301

Lab Sample ID: 580-151752-15

Date Collected: 06/24/25 14:30

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00930		0.00100	0.000390	mg/L	-		07/01/25 17:04	1
Ethylbenzene	0.00284		0.00100	0.000500	mg/L	-		07/01/25 17:04	1
Xylenes, Total	0.0199		0.00200	0.000530	mg/L	-		07/01/25 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		07/01/25 17:04	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/01/25 17:04	1
Dibromofluoromethane (Surr)	110		80 - 120		07/01/25 17:04	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		07/01/25 17:04	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.368		0.0100	0.00240	mg/L	-		07/02/25 19:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		07/02/25 19:16	10
4-Bromofluorobenzene (Surr)	103		80 - 120		07/02/25 19:16	10
Dibromofluoromethane (Surr)	99		80 - 120		07/02/25 19:16	10
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		07/02/25 19:16	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	2.19		0.150	0.0730	mg/L	-		07/01/25 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/01/25 17:04	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: TX-03A

Lab Sample ID: 580-151752-16

Date Collected: 06/24/25 15:00

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0101		0.00100	0.000390	mg/L	-		07/01/25 17:28	1
Ethylbenzene	0.00287		0.00100	0.000500	mg/L	-		07/01/25 17:28	1
Xylenes, Total	0.0175		0.00200	0.000530	mg/L	-		07/01/25 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/01/25 17:28	1
4-Bromofluorobenzene (Surr)	104		80 - 120		07/01/25 17:28	1
Dibromofluoromethane (Surr)	106		80 - 120		07/01/25 17:28	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 120		07/01/25 17:28	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.204		0.0100	0.00240	mg/L	-		07/02/25 19:38	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/02/25 19:38	10
4-Bromofluorobenzene (Surr)	103		80 - 120		07/02/25 19:38	10
Dibromofluoromethane (Surr)	103		80 - 120		07/02/25 19:38	10
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		07/02/25 19:38	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	2.69		0.150	0.0730	mg/L	-		07/01/25 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		07/01/25 17:28	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-312

Lab Sample ID: 580-151752-17

Date Collected: 06/25/25 07:40

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00378		0.00100	0.000240	mg/L			07/02/25 02:23	1
Toluene	0.00186		0.00100	0.000390	mg/L			07/02/25 02:23	1
Ethylbenzene	0.000913	J	0.00100	0.000500	mg/L			07/02/25 02:23	1
Xylenes, Total	0.00187	J	0.00200	0.000530	mg/L			07/02/25 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/02/25 02:23	1
4-Bromofluorobenzene (Surr)	102		80 - 120		07/02/25 02:23	1
Dibromofluoromethane (Surr)	103		80 - 120		07/02/25 02:23	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		07/02/25 02:23	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	2.47		0.150	0.0730	mg/L			07/02/25 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		07/02/25 02:23	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-311

Lab Sample ID: 580-151752-18

Date Collected: 06/25/25 08:05

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00175		0.00100	0.000240	mg/L			07/02/25 02:47	1
Toluene	0.00209		0.00100	0.000390	mg/L			07/02/25 02:47	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/02/25 02:47	1
Xylenes, Total	0.000841	J	0.00200	0.000530	mg/L			07/02/25 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/02/25 02:47	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/02/25 02:47	1
Dibromofluoromethane (Surr)	101		80 - 120		07/02/25 02:47	1
1,2-Dichloroethane-d4 (Surr)	93		80 - 120		07/02/25 02:47	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	2.33		0.150	0.0730	mg/L			07/02/25 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/02/25 02:47	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-313

Lab Sample ID: 580-151752-19

Date Collected: 06/25/25 08:35

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/02/25 03:10	1
Toluene	ND		0.00100	0.000390	mg/L			07/02/25 03:10	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/02/25 03:10	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/02/25 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/02/25 03:10	1
4-Bromofluorobenzene (Surr)	104		80 - 120		07/02/25 03:10	1
Dibromofluoromethane (Surr)	101		80 - 120		07/02/25 03:10	1
1,2-Dichloroethane-d4 (Surr)	93		80 - 120		07/02/25 03:10	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/02/25 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		07/02/25 03:10	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	ND		0.199	0.0905	mg/L		07/01/25 09:01	07/03/25 22:51	1
Motor Oil (>C24-C36)	ND		0.348	0.129	mg/L		07/01/25 09:01	07/03/25 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150	07/01/25 09:01	07/03/25 22:51	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-315

Lab Sample ID: 580-151752-20

Date Collected: 06/25/25 09:05

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0421		0.00100	0.000240	mg/L			07/02/25 03:33	1
Toluene	0.00302		0.00100	0.000390	mg/L			07/02/25 03:33	1
Ethylbenzene	0.000555	J	0.00100	0.000500	mg/L			07/02/25 03:33	1
Xylenes, Total	0.00253		0.00200	0.000530	mg/L			07/02/25 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/02/25 03:33	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/02/25 03:33	1
Dibromofluoromethane (Surr)	102		80 - 120		07/02/25 03:33	1
1,2-Dichloroethane-d4 (Surr)	92		80 - 120		07/02/25 03:33	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	3.15		0.150	0.0730	mg/L			07/02/25 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/02/25 03:33	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	3.63		0.199	0.0905	mg/L		07/01/25 09:01	07/03/25 23:11	1
Motor Oil (>C24-C36)	0.353		0.348	0.129	mg/L		07/01/25 09:01	07/03/25 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150	07/01/25 09:01	07/03/25 23:11	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-309

Lab Sample ID: 580-151752-21

Date Collected: 06/25/25 09:40

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/02/25 04:20	1
Toluene	ND		0.00100	0.000390	mg/L			07/02/25 04:20	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/02/25 04:20	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/02/25 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/02/25 04:20	1
4-Bromofluorobenzene (Surr)	106		80 - 120		07/02/25 04:20	1
Dibromofluoromethane (Surr)	101		80 - 120		07/02/25 04:20	1
1,2-Dichloroethane-d4 (Surr)	93		80 - 120		07/02/25 04:20	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	0.0817	J	0.150	0.0730	mg/L			07/02/25 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		77 - 123		07/02/25 04:20	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-303

Lab Sample ID: 580-151752-22

Date Collected: 06/25/25 10:10

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0543		0.00100	0.000240	mg/L			07/02/25 05:06	1
Toluene	0.00301		0.00100	0.000390	mg/L			07/02/25 05:06	1
Xylenes, Total	0.0139		0.00200	0.000530	mg/L			07/02/25 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					07/02/25 05:06	1
4-Bromofluorobenzene (Surr)	102		80 - 120					07/02/25 05:06	1
Dibromofluoromethane (Surr)	102		80 - 120					07/02/25 05:06	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 120					07/02/25 05:06	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.135		0.0100	0.00500	mg/L			07/02/25 20:01	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					07/02/25 20:01	10
4-Bromofluorobenzene (Surr)	107		80 - 120					07/02/25 20:01	10
Dibromofluoromethane (Surr)	112		80 - 120					07/02/25 20:01	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					07/02/25 20:01	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	3.00		0.150	0.0730	mg/L			07/02/25 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123					07/02/25 05:06	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-310

Lab Sample ID: 580-151752-23

Date Collected: 06/25/25 10:35

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0239		0.00100	0.000240	mg/L			07/02/25 05:29	1
Toluene	0.00392		0.00100	0.000390	mg/L			07/02/25 05:29	1
Ethylbenzene	0.00191		0.00100	0.000500	mg/L			07/02/25 05:29	1
Xylenes, Total	0.0131		0.00200	0.000530	mg/L			07/02/25 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		07/02/25 05:29	1
4-Bromofluorobenzene (Surr)	107		80 - 120		07/02/25 05:29	1
Dibromofluoromethane (Surr)	100		80 - 120		07/02/25 05:29	1
1,2-Dichloroethane-d4 (Surr)	90		80 - 120		07/02/25 05:29	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	1.03		0.150	0.0730	mg/L			07/02/25 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		77 - 123		07/02/25 05:29	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-304

Lab Sample ID: 580-151752-24

Date Collected: 06/25/25 11:00

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00900		0.00100	0.000390	mg/L			07/02/25 05:53	1
Ethylbenzene	0.00126		0.00100	0.000500	mg/L			07/02/25 05:53	1
Xylenes, Total	0.0255		0.00200	0.000530	mg/L			07/02/25 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		07/02/25 05:53	1
4-Bromofluorobenzene (Surr)	106		80 - 120		07/02/25 05:53	1
Dibromofluoromethane (Surr)	104		80 - 120		07/02/25 05:53	1
1,2-Dichloroethane-d4 (Surr)	87		80 - 120		07/02/25 05:53	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.209		0.0100	0.00240	mg/L			07/03/25 17:32	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		07/03/25 17:32	10
4-Bromofluorobenzene (Surr)	109		80 - 120		07/03/25 17:32	10
Dibromofluoromethane (Surr)	110		80 - 120		07/03/25 17:32	10
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		07/03/25 17:32	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	2.15		0.150	0.0730	mg/L			07/02/25 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		77 - 123		07/02/25 05:53	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-203

Lab Sample ID: 580-151752-25

Date Collected: 06/25/25 11:50

Matrix: Water

Date Received: 06/25/25 13:20

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	0.101	J	0.150	0.0730	mg/L	-		07/02/25 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123					07/02/25 04:43	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	0.179	J	0.198	0.0901	mg/L	-	07/01/25 09:01	07/03/25 23:32	1
Motor Oil (>C24-C36)	0.441		0.346	0.129	mg/L	-	07/01/25 09:01	07/03/25 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150				07/01/25 09:01	07/03/25 23:32	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: TB-1

Lab Sample ID: 580-151752-26

Date Collected: 06/25/25 09:00

Matrix: Water

Date Received: 06/25/25 13:20

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/02/25 00:03	1
Toluene	ND		0.00100	0.000390	mg/L			07/02/25 00:03	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/02/25 00:03	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/02/25 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/02/25 00:03	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/02/25 00:03	1
Dibromofluoromethane (Surr)	102		80 - 120		07/02/25 00:03	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		07/02/25 00:03	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/02/25 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		07/02/25 00:03	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-496184/11

Matrix: Water

Analysis Batch: 496184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			06/30/25 22:51	1
Toluene	ND		0.00100	0.000390	mg/L			06/30/25 22:51	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			06/30/25 22:51	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			06/30/25 22:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		06/30/25 22:51	1
4-Bromofluorobenzene (Surr)	99		80 - 120		06/30/25 22:51	1
Dibromofluoromethane (Surr)	102		80 - 120		06/30/25 22:51	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		06/30/25 22:51	1

Lab Sample ID: LCS 580-496184/6

Matrix: Water

Analysis Batch: 496184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00500	0.006026		mg/L		121	80 - 122
Toluene	0.00500	0.006248	*+	mg/L		125	80 - 120
Ethylbenzene	0.00500	0.006907	*+	mg/L		138	80 - 120
Xylenes, Total	0.0100	0.01432	*+	mg/L		143	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		80 - 120

Lab Sample ID: LCSD 580-496184/7

Matrix: Water

Analysis Batch: 496184

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00500	0.005908		mg/L		118	80 - 122	2	14
Toluene	0.00500	0.006246	*+	mg/L		125	80 - 120	0	13
Ethylbenzene	0.00500	0.006778	*+	mg/L		136	80 - 120	2	14
Xylenes, Total	0.0100	0.01404	*+	mg/L		140	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		80 - 120

Eurofins Seattle

QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

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

Lab Sample ID: MB 580-496194/10

Matrix: Water

Analysis Batch: 496194

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/01/25 11:16	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 11:16	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 11:16	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 11:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/01/25 11:16	1
4-Bromofluorobenzene (Surr)	99		80 - 120		07/01/25 11:16	1
Dibromofluoromethane (Surr)	103		80 - 120		07/01/25 11:16	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/01/25 11:16	1

Lab Sample ID: LCS 580-496194/5

Matrix: Water

Analysis Batch: 496194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00500	0.004973		mg/L		99	80 - 122
Toluene	0.00500	0.004931		mg/L		99	80 - 120
Ethylbenzene	0.00500	0.005063		mg/L		101	80 - 120
Xylenes, Total	0.0100	0.01040		mg/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120

Lab Sample ID: LCSD 580-496194/6

Matrix: Water

Analysis Batch: 496194

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00500	0.004920		mg/L		98	80 - 122	1	14
Toluene	0.00500	0.004722		mg/L		94	80 - 120	4	13
Ethylbenzene	0.00500	0.004904		mg/L		98	80 - 120	3	14
Xylenes, Total	0.0100	0.01020		mg/L		102	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

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

Lab Sample ID: MB 580-496273/10

Matrix: Water

Analysis Batch: 496273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/01/25 23:40	1
Toluene	ND		0.00100	0.000390	mg/L			07/01/25 23:40	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/01/25 23:40	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			07/01/25 23:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/01/25 23:40	1
4-Bromofluorobenzene (Surr)	103		80 - 120		07/01/25 23:40	1
Dibromofluoromethane (Surr)	102		80 - 120		07/01/25 23:40	1
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		07/01/25 23:40	1

Lab Sample ID: LCS 580-496273/5

Matrix: Water

Analysis Batch: 496273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00500	0.004591		mg/L		92	80 - 122
Toluene	0.00500	0.004267		mg/L		85	80 - 120
Ethylbenzene	0.00500	0.004479		mg/L		90	80 - 120
Xylenes, Total	0.0100	0.009118		mg/L		91	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		80 - 120

Lab Sample ID: LCSD 580-496273/6

Matrix: Water

Analysis Batch: 496273

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00500	0.004440		mg/L		89	80 - 122	3	14
Toluene	0.00500	0.004299		mg/L		86	80 - 120	1	13
Ethylbenzene	0.00500	0.004500		mg/L		90	80 - 120	0	14
Xylenes, Total	0.0100	0.009167		mg/L		92	80 - 120	1	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		80 - 120

Eurofins Seattle

QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

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

Lab Sample ID: MB 580-496337/7

Matrix: Water

Analysis Batch: 496337

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/02/25 15:02	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			07/02/25 15:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		07/02/25 15:02	1
4-Bromofluorobenzene (Surr)	104		80 - 120		07/02/25 15:02	1
Dibromofluoromethane (Surr)	105		80 - 120		07/02/25 15:02	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		07/02/25 15:02	1

Lab Sample ID: LCS 580-496337/4

Matrix: Water

Analysis Batch: 496337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00500	0.004530		mg/L		91	80 - 122
Ethylbenzene	0.00500	0.004732		mg/L		95	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	107		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		80 - 120

Lab Sample ID: LCSD 580-496337/5

Matrix: Water

Analysis Batch: 496337

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00500	0.004276		mg/L		86	80 - 122	6	14
Ethylbenzene	0.00500	0.004574		mg/L		91	80 - 120	3	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 120

Lab Sample ID: MB 580-496444/7

Matrix: Water

Analysis Batch: 496444

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00100	0.000240	mg/L			07/03/25 14:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		07/03/25 14:07	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

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

Lab Sample ID: MB 580-496444/7

Matrix: Water

Analysis Batch: 496444

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		07/03/25 14:07	1
Dibromofluoromethane (Surr)	107		80 - 120		07/03/25 14:07	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		07/03/25 14:07	1

Lab Sample ID: LCS 580-496444/4

Matrix: Water

Analysis Batch: 496444

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00500	0.004421		mg/L		88	80 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120

Lab Sample ID: LCSD 580-496444/5

Matrix: Water

Analysis Batch: 496444

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00500	0.004672		mg/L		93	80 - 122	6	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 580-496180/11

Matrix: Water

Analysis Batch: 496180

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			06/30/25 22:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		77 - 123		06/30/25 22:51	1

Eurofins Seattle

QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

Lab Sample ID: LCS 580-496180/8

Matrix: Water

Analysis Batch: 496180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline			1.00	1.120		mg/L		112	55 - 148		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		77 - 123								

Lab Sample ID: LCSD 580-496180/9

Matrix: Water

Analysis Batch: 496180

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
TPH as Gasoline			1.00	1.126		mg/L		113	55 - 148	1	10
		LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		77 - 123								

Lab Sample ID: MB 580-496190/10

Matrix: Water

Analysis Batch: 496190

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte		MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline		ND		0.150	0.0730	mg/L			07/01/25 11:16	1
		MB	MB							
Surrogate	%Recovery	Qualifier	Limits					Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		77 - 123						07/01/25 11:16	1

Lab Sample ID: LCS 580-496190/7

Matrix: Water

Analysis Batch: 496190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline			1.00	1.078		mg/L		108	55 - 148		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		77 - 123								

Lab Sample ID: LCSD 580-496190/8

Matrix: Water

Analysis Batch: 496190

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
TPH as Gasoline			1.00	1.094		mg/L		109	55 - 148	1	10
		LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		77 - 123								

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

Lab Sample ID: MB 580-496269/10

Matrix: Water

Analysis Batch: 496269

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline	ND		0.150	0.0730	mg/L			07/01/25 23:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					07/01/25 23:40	1

Lab Sample ID: LCS 580-496269/7

Matrix: Water

Analysis Batch: 496269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Gasoline	1.00	0.9781		mg/L		98	55 - 148		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		77 - 123						

Lab Sample ID: LCSD 580-496269/8

Matrix: Water

Analysis Batch: 496269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Gasoline	1.00	1.018		mg/L		102	55 - 148	4	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		77 - 123						

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 580-496117/1-A

Matrix: Water

Analysis Batch: 496824

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 496117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.000500	0.000163	mg/L		06/30/25 09:47	07/09/25 16:10	1
2-Methylnaphthalene	ND		0.000200	0.0000390	mg/L		06/30/25 09:47	07/09/25 16:10	1
1-Methylnaphthalene	ND		0.000100	0.0000330	mg/L		06/30/25 09:47	07/09/25 16:10	1
Acenaphthylene	ND		0.0000500	0.0000090	mg/L		06/30/25 09:47	07/09/25 16:10	1
Acenaphthene	ND		0.000100	0.0000140	mg/L		06/30/25 09:47	07/09/25 16:10	1
Fluorene	ND		0.000100	0.0000170	mg/L		06/30/25 09:47	07/09/25 16:10	1
Phenanthrene	ND		0.000100	0.0000370	mg/L		06/30/25 09:47	07/09/25 16:10	1
Anthracene	ND		0.000100	0.0000220	mg/L		06/30/25 09:47	07/09/25 16:10	1
Fluoranthene	ND		0.000200	0.0000540	mg/L		06/30/25 09:47	07/09/25 16:10	1
Pyrene	ND		0.000100	0.0000330	mg/L		06/30/25 09:47	07/09/25 16:10	1
Benzo[a]anthracene	ND		0.0000500	0.0000140	mg/L		06/30/25 09:47	07/09/25 16:10	1
Chrysene	ND		0.000100	0.0000370	mg/L		06/30/25 09:47	07/09/25 16:10	1
Benzo[b]fluoranthene	ND		0.000100	0.0000220	mg/L		06/30/25 09:47	07/09/25 16:10	1
Benzo[k]fluoranthene	ND		0.0000500	0.0000120	mg/L		06/30/25 09:47	07/09/25 16:10	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 580-496117/1-A

Matrix: Water

Analysis Batch: 496824

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 496117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		0.000100	0.0000220	mg/L		06/30/25 09:47	07/09/25 16:10	1
Indeno[1,2,3-cd]pyrene	ND		0.0000500	0.0000140	mg/L		06/30/25 09:47	07/09/25 16:10	1
Dibenz(a,h)anthracene	ND		0.000100	0.0000150	mg/L		06/30/25 09:47	07/09/25 16:10	1
Benzo[g,h,i]perylene	ND		0.0000500	0.0000120	mg/L		06/30/25 09:47	07/09/25 16:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	68		29 - 150	06/30/25 09:47	07/09/25 16:10	1

Lab Sample ID: LCS 580-496117/2-A

Matrix: Water

Analysis Batch: 496824

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 496117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	0.00800	0.005949		mg/L		74	34 - 120
2-Methylnaphthalene	0.00800	0.006201		mg/L		78	33 - 120
1-Methylnaphthalene	0.00800	0.006064		mg/L		76	29 - 120
Acenaphthylene	0.00800	0.006742		mg/L		84	38 - 120
Acenaphthene	0.00800	0.006425		mg/L		80	33 - 120
Fluorene	0.00800	0.006520		mg/L		81	39 - 120
Phenanthrene	0.00800	0.006480		mg/L		81	46 - 120
Anthracene	0.00800	0.006795		mg/L		85	41 - 120
Fluoranthene	0.00800	0.007041		mg/L		88	51 - 125
Pyrene	0.00800	0.007227		mg/L		90	51 - 125
Benzo[a]anthracene	0.00800	0.007611		mg/L		95	55 - 123
Chrysene	0.00800	0.006490		mg/L		81	47 - 120
Benzo[b]fluoranthene	0.00800	0.006977		mg/L		87	43 - 120
Benzo[k]fluoranthene	0.00800	0.006874		mg/L		86	41 - 121
Benzo[a]pyrene	0.00800	0.007682		mg/L		96	51 - 120
Indeno[1,2,3-cd]pyrene	0.00800	0.007504		mg/L		94	45 - 123
Dibenz(a,h)anthracene	0.00800	0.007528		mg/L		94	54 - 123
Benzo[g,h,i]perylene	0.00800	0.007556		mg/L		94	45 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	74		29 - 150

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Lab Sample ID: MB 580-496200/1-A

Matrix: Water

Analysis Batch: 496478

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 496200

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	ND		0.200	0.0910	mg/L		07/01/25 09:01	07/03/25 16:57	1
Motor Oil (>C24-C36)	ND		0.350	0.130	mg/L		07/01/25 09:01	07/03/25 16:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	68		50 - 150	07/01/25 09:01	07/03/25 16:57	1

Eurofins Seattle

QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH-Dx

Lab Sample ID: LCS 580-496200/2-A

Matrix: Water

Analysis Batch: 496478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 496200

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Diesel Range Organics (C10-C24)			4.00	3.068		mg/L		77	50 - 120		
Motor Oil (>C24-C36)			4.00	3.189		mg/L		80	64 - 120		
Surrogate	LCS		Limits								
	%Recovery	Qualifier									
o-Terphenyl	59		50 - 150								

Lab Sample ID: LCSD 580-496200/3-A

Matrix: Water

Analysis Batch: 496478

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 496200

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics (C10-C24)			4.00	3.257		mg/L		81	50 - 120	6	26
Motor Oil (>C24-C36)			4.00	3.386		mg/L		85	64 - 120	6	24
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
o-Terphenyl	65		50 - 150								

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 580-151888-I-1-B MS

Matrix: Water

Analysis Batch: 7788

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7737

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.00176	B	1.00	1.036		mg/L		103	80 - 120

Lab Sample ID: 580-151888-I-1-C MSD

Matrix: Water

Analysis Batch: 7788

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7737

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Lead	0.00176	B	1.00	1.013		mg/L		101	80 - 120	2	20

Lab Sample ID: MB 350-7737/25-A

Matrix: Water

Analysis Batch: 7788

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 7737

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0001375	J	0.000500	0.0000400	mg/L		07/01/25 14:06	07/02/25 13:37	1

Lab Sample ID: LCS 350-7737/26-A

Matrix: Water

Analysis Batch: 7788

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 7737

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	1.00	1.017		mg/L		102	80 - 120

Eurofins Seattle

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-314

Lab Sample ID: 580-151752-1

Date Collected: 06/23/25 10:10

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496184	AA	EET SEA	07/01/25 04:40
Total/NA	Analysis	NWTPH-Gx		1	496180	AA	EET SEA	07/01/25 04:40
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 17:59

Client Sample ID: MW-202

Lab Sample ID: 580-151752-2

Date Collected: 06/23/25 11:10

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	NWTPH-Gx		1	496180	AA	EET SEA	07/01/25 05:27
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 18:19

Client Sample ID: MW-111

Lab Sample ID: 580-151752-3

Date Collected: 06/23/25 12:40

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496184	AA	EET SEA	07/01/25 05:03
Total/NA	Analysis	NWTPH-Gx		1	496180	AA	EET SEA	07/01/25 05:03
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 18:40

Client Sample ID: MW-104

Lab Sample ID: 580-151752-4

Date Collected: 06/23/25 13:10

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 19:01
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 19:01
Total Recoverable	Prep	3005A			7737	RMN	EET SSM	07/01/25 14:06
Total Recoverable	Analysis	6020B		5	7788	CW	EET SSM	07/02/25 14:17

Client Sample ID: MW-05

Lab Sample ID: 580-151752-5

Date Collected: 06/23/25 13:40

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 13:58
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 13:58
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 19:22

Eurofins Seattle

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-307

Lab Sample ID: 580-151752-6

Date Collected: 06/24/25 08:00

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 18:38
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 18:38
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 19:43

Client Sample ID: MW-308

Lab Sample ID: 580-151752-7

Date Collected: 06/24/25 08:35

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 14:22
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 14:22

Client Sample ID: MW-114

Lab Sample ID: 580-151752-8

Date Collected: 06/24/25 09:45

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 14:45
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 14:45
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 20:04

Client Sample ID: MW-115

Lab Sample ID: 580-151752-9

Date Collected: 06/24/25 10:20

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 18:14
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 18:14
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 20:46

Client Sample ID: MW-113

Lab Sample ID: 580-151752-10

Date Collected: 06/24/25 10:50

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 15:55
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 15:55
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 21:06

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-214

Lab Sample ID: 580-151752-11

Date Collected: 06/24/25 11:40

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 15:08
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 15:08
Total/NA	Prep	3510C			496117	MB	EET SEA	06/30/25 13:41
Total/NA	Analysis	8270E SIM		1	496824	K1K	EET SEA	07/09/25 23:54
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 21:27

Client Sample ID: MW-213

Lab Sample ID: 580-151752-12

Date Collected: 06/24/25 12:20

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 17:51
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 17:51
Total/NA	Prep	3510C			496117	MB	EET SEA	06/30/25 13:41
Total/NA	Analysis	8270E SIM		1	496824	K1K	EET SEA	07/10/25 00:16
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 21:48

Client Sample ID: MW-112A

Lab Sample ID: 580-151752-13

Date Collected: 06/24/25 13:55

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 16:18
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 16:18
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 22:09

Client Sample ID: SH-04

Lab Sample ID: 580-151752-14

Date Collected: 06/24/25 13:20

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 16:41
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 16:41
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 22:30

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-301

Date Collected: 06/24/25 14:30

Date Received: 06/25/25 13:20

Lab Sample ID: 580-151752-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	496337	AA	EET SEA	07/02/25 19:16
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 17:04
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 17:04

Client Sample ID: TX-03A

Date Collected: 06/24/25 15:00

Date Received: 06/25/25 13:20

Lab Sample ID: 580-151752-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	496337	AA	EET SEA	07/02/25 19:38
Total/NA	Analysis	8260D		1	496194	JBT	EET SEA	07/01/25 17:28
Total/NA	Analysis	NWTPH-Gx		1	496190	JBT	EET SEA	07/01/25 17:28

Client Sample ID: MW-312

Date Collected: 06/25/25 07:40

Date Received: 06/25/25 13:20

Lab Sample ID: 580-151752-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 02:23
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 02:23

Client Sample ID: MW-311

Date Collected: 06/25/25 08:05

Date Received: 06/25/25 13:20

Lab Sample ID: 580-151752-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 02:47
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 02:47

Client Sample ID: MW-313

Date Collected: 06/25/25 08:35

Date Received: 06/25/25 13:20

Lab Sample ID: 580-151752-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 03:10
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 03:10
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 22:51

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-315

Lab Sample ID: 580-151752-20

Date Collected: 06/25/25 09:05

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 03:33
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 03:33
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 23:11

Client Sample ID: MW-309

Lab Sample ID: 580-151752-21

Date Collected: 06/25/25 09:40

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 04:20
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 04:20

Client Sample ID: MW-303

Lab Sample ID: 580-151752-22

Date Collected: 06/25/25 10:10

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	496337	AA	EET SEA	07/02/25 20:01
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 05:06
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 05:06

Client Sample ID: MW-310

Lab Sample ID: 580-151752-23

Date Collected: 06/25/25 10:35

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 05:29
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 05:29

Client Sample ID: MW-304

Lab Sample ID: 580-151752-24

Date Collected: 06/25/25 11:00

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	496444	K1K	EET SEA	07/03/25 17:32
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 05:53
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 05:53

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Client Sample ID: MW-203

Lab Sample ID: 580-151752-25

Date Collected: 06/25/25 11:50

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 04:43
Total/NA	Prep	3510C			496200	MB	EET SEA	07/01/25 09:01
Total/NA	Analysis	NWTPH-Dx		1	496478	SW	EET SEA	07/03/25 23:32

Client Sample ID: TB-1

Lab Sample ID: 580-151752-26

Date Collected: 06/25/25 09:00

Matrix: Water

Date Received: 06/25/25 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	496273	JBT	EET SEA	07/02/25 00:03
Total/NA	Analysis	NWTPH-Gx		1	496269	JBT	EET SEA	07/02/25 00:03

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Job ID: 580-151752-1

Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4167	07-10-25
Washington	State	C788-24	07-13-25

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-27
ANAB	Dept. of Defense ELAP	L2236	01-19-27
ANAB	Dept. of Energy	L2236.01	01-19-27
ANAB	ISO/IEC 17025	L2236	01-19-27
California	State	2954	07-08-26
Florida	NELAP	E87575	06-30-26
Louisiana (All)	NELAP	03073	07-01-26
Maine	State	WA01273	05-02-26
New Jersey	NELAP	WA014	06-30-26
New York	NELAP	11662	04-01-26
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-26
USDA	US Federal Programs	525-23-4-22573	01-24-28
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	07-31-25

Sample Summary

Client: GHD Services Inc.

Job ID: 580-151752-1

Project/Site: 12631170 Shell TRITON WEST CONSENT
DECREE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-151752-1	MW-314	Water	06/23/25 10:10	06/25/25 13:20
580-151752-2	MW-202	Water	06/23/25 11:10	06/25/25 13:20
580-151752-3	MW-111	Water	06/23/25 12:40	06/25/25 13:20
580-151752-4	MW-104	Water	06/23/25 13:10	06/25/25 13:20
580-151752-5	MW-05	Water	06/23/25 13:40	06/25/25 13:20
580-151752-6	MW-307	Water	06/24/25 08:00	06/25/25 13:20
580-151752-7	MW-308	Water	06/24/25 08:35	06/25/25 13:20
580-151752-8	MW-114	Water	06/24/25 09:45	06/25/25 13:20
580-151752-9	MW-115	Water	06/24/25 10:20	06/25/25 13:20
580-151752-10	MW-113	Water	06/24/25 10:50	06/25/25 13:20
580-151752-11	MW-214	Water	06/24/25 11:40	06/25/25 13:20
580-151752-12	MW-213	Water	06/24/25 12:20	06/25/25 13:20
580-151752-13	MW-112A	Water	06/24/25 13:55	06/25/25 13:20
580-151752-14	SH-04	Water	06/24/25 13:20	06/25/25 13:20
580-151752-15	MW-301	Water	06/24/25 14:30	06/25/25 13:20
580-151752-16	TX-03A	Water	06/24/25 15:00	06/25/25 13:20
580-151752-17	MW-312	Water	06/25/25 07:40	06/25/25 13:20
580-151752-18	MW-311	Water	06/25/25 08:05	06/25/25 13:20
580-151752-19	MW-313	Water	06/25/25 08:35	06/25/25 13:20
580-151752-20	MW-315	Water	06/25/25 09:05	06/25/25 13:20
580-151752-21	MW-309	Water	06/25/25 09:40	06/25/25 13:20
580-151752-22	MW-303	Water	06/25/25 10:10	06/25/25 13:20
580-151752-23	MW-310	Water	06/25/25 10:35	06/25/25 13:20
580-151752-24	MW-304	Water	06/25/25 11:00	06/25/25 13:20
580-151752-25	MW-203	Water	06/25/25 11:50	06/25/25 13:20
580-151752-26	TB-1	Water	06/25/25 09:00	06/25/25 13:20

Blaine Tech
6/26

1 of 2

Therm. ID: 11 Cor: 4.0 ° Unc: 3.8 °
Cooler Desc: LB FedEx: _____
Packing: 3/5 UPS: _____
Cust. Seal: Yes No X Lab Cour: _____
Blue Ice, Wet, Dry, None Other: CD

2 of 2
Therm. ID: 11 Cor: 1.0 ° Unc: 0.8 °
Cooler Desc: LB FedEx: _____
Packing: 5/5 UPS: _____
Cust. Seal: Yes No X Lab Cour: _____
Blue Ice, Wet, Dry, None Other: CD

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 580-151752-1

Login Number: 151752

List Number: 1

Creator: Groves, Elizabeth

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 580-151752-1

Login Number: 151752

List Number: 2

Creator: Miller, Darren R

List Source: Eurofins Seattle Specialty Metals

List Creation: 07/01/25 08:17 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Attachment 2

Data Quality Review Report



Data Verification Report

July 25, 2025
Revision: August 7, 2025

To	Emily Blakeway	Project No.	12653513
Copy to	File	DVR No.	07_Rev01
From	Jeffrey Cloud/eew	Contact No.	1 971 925 3756
Project Name	Equilon Enterprises LLC dba Shell Oil Products US	Email	Jeffrey.Cloud@ghd.com
Subject	Analytical Results and Data Verification of Report 580-151752-1 Quarterly Groundwater Sampling Triton West Consent Decree Seattle, Washington June 2025		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Introduction

This document details a data verification of analytical results for groundwater samples collected in support of the Quarterly Groundwater Sampling at the Triton West Consent Decree site in Seattle, Washington during June 2025. Samples were submitted to Eurofins Seattle, located in Tacoma, Washington. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The analytical results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control data and field QA/QC data.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

1. "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-20-005, November 2020
2. "National Functional Guidelines for Inorganic Superfund Methods Data Review", USEPA 542-R-20-006, November 2020

These items will subsequently be referred to as the "Guidelines" in this report.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the requested parameters are summarized in the analytical methods. The sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All sample containers were properly preserved, delivered on ice and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation with the exception of lead present at a low concentration. The associated sample result was significantly greater than the blank and was not impacted. No qualification of the data was deemed necessary.

4. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC), semi-volatile organic compound (SVOC), gasoline range organics (GRO) and diesel range organics (DRO)/motor oil range organics (ORO) analyses were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

Surrogate recoveries were assessed against the control limits. All surrogate recoveries met the associated criteria.

5. Laboratory Control Sample Analyses

Laboratory control samples (LCS) or LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS or LCS/LCSD were analyzed at a minimum frequency of one per analytical batch.

Organic Analyses

The LCS and LCS/LCSD contained all analytes of interest. All LCS and LCS/LCSD recoveries and RPD values were within the associated control limits, demonstrating acceptable analytical accuracy and precision (where applicable) with the exception of a few high recoveries. The associated sample results were non-detect and were not impacted. No qualification of the data was deemed necessary.

Inorganic Analyses

The LCS contained the analyte of interest. The LCS recovery was assessed per the "Guidelines". The LCS recovery was within the control limits, demonstrating acceptable analytical accuracy.

6. Field QA/QC Samples

The field QA/QC consisted of one trip blank sample.

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for analysis. All results were non-detect for the analytes of interest.

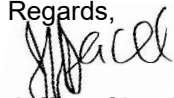
7. Analyte Reporting

Sample results were reported down to the laboratory's quantitation limit (QL), which is defined as the method detection limit (MDL) with sample-specific adjustments for dilutions, aliquot size, volumes, etc. Positive analyte detections less than the reporting limit (RL) but greater than the QL were reported as estimated (J) in Table 2. Non-detect results were presented as non-detect at the QL in Table 2.

8. Conclusion

Based on the assessment detailed in the foregoing, the summarized data are acceptable without qualification.

Regards,



Jeffrey Cloud

Data Management Team – Data Validator

Table 1

Sample Collection and Analysis Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>					Comments
					VOCs	SVOCs	GRO	DRO/RO	Lead	
MW-05	MW-05	Water	06/23/2025	13:40	X		X	X		
MW-104	MW-104	Water	06/23/2025	13:10			X	X	X	
MW-111	MW-111	Water	06/23/2025	12:40	X		X	X		
MW-112A	MW-112A	Water	06/24/2025	13:55	X		X	X		
MW-113	MW-113	Water	06/24/2025	10:50	X		X	X		
MW-114	MW-114	Water	06/24/2025	09:45	X		X	X		
MW-115	MW-115	Water	06/24/2025	10:20	X		X	X		
MW-202	MW-202	Water	06/23/2025	11:10			X	X		
MW-203	MW-203	Water	06/25/2025	11:50			X	X		
MW-213	MW-213	Water	06/24/2025	12:20	X	X	X	X		
MW-214	MW-214	Water	06/24/2025	11:40	X	X	X	X		
MW-301	MW-301	Water	06/24/2025	14:30	X		X			
MW-303	MW-303	Water	06/25/2025	10:10	X		X			
MW-304	MW-304	Water	06/25/2025	11:00	X		X			
MW-307	MW-307	Water	06/24/2025	08:00	X		X	X		
MW-308	MW-308	Water	06/24/2025	08:35	X		X			
MW-309	MW-309	Water	06/25/2025	09:40	X		X			
MW-310	MW-310	Water	06/25/2025	10:35	X		X			
MW-311	MW-311	Water	06/25/2025	08:05	X		X			
MW-312	MW-312	Water	06/25/2025	07:40	X		X			
MW-313	MW-313	Water	06/25/2025	08:35	X		X	X		
MW-314	MW-314	Water	06/23/2025	10:10	X		X	X		
MW-315	MW-315	Water	06/25/2025	09:05	X		X	X		

Table 1

Sample Collection and Analysis Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>					Comments
					VOCs	SVOCs	GRO	DRO/ORO	Lead	
SH-04	SH-04	Water	06/24/2025	13:20	X		X	X		
TX-03A	TX-03A	Water	06/24/2025	15:00	X		X			
TB-1	--	Water	06/25/2025	--	X		X			Trip Blank

Notes:

VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
GRO - Gasoline Range Organics
DRO/ORO - Diesel Range Organics/Motor Oil Range Organics

Table 2

Analytical Results Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Location ID:	MW-05	MW-104	MW-111	MW-112A	MW-113	MW-114	MW-115	MW-202	MW-203
Sample Name:	MW-05	MW-104	MW-111	MW-112A	MW-113	MW-114	MW-115	MW-202	MW-203
Sample Date:	06/23/2025	06/23/2025	06/23/2025	06/24/2025	06/24/2025	06/24/2025	06/24/2025	06/23/2025	06/25/2025

Parameters	Unit								
Volatile Organic Compounds									
Benzene	mg/L	0.000240 U	--	0.00219	0.00175	0.0554	0.000240 U	0.000240 U	--
Ethylbenzene	mg/L	0.000500 U	--	0.000500 U	0.0367	0.00267	0.000500 U	0.000500 U	--
Toluene	mg/L	0.000390 U	--	0.000390 U	0.00130	0.00368	0.000390 U	0.000390 U	--
Xylenes (total)	mg/L	0.000530 U	--	0.000530 U	0.00266	0.0102	0.000530 U	0.000530 U	--
Semi-volatile Organic Compounds, SIM									
1-Methylnaphthalene	mg/L	--	--	--	--	--	--	--	--
2-Methylnaphthalene	mg/L	--	--	--	--	--	--	--	--
Acenaphthene	mg/L	--	--	--	--	--	--	--	--
Acenaphthylene	mg/L	--	--	--	--	--	--	--	--
Anthracene	mg/L	--	--	--	--	--	--	--	--
Benzo(a)anthracene	mg/L	--	--	--	--	--	--	--	--
Benzo(a)pyrene	mg/L	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/L	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/L	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/L	--	--	--	--	--	--	--	--
Chrysene	mg/L	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/L	--	--	--	--	--	--	--	--
Fluoranthene	mg/L	--	--	--	--	--	--	--	--
Fluorene	mg/L	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/L	--	--	--	--	--	--	--	--
Naphthalene	mg/L	--	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Location ID:	MW-05	MW-104	MW-111	MW-112A	MW-113	MW-114	MW-115	MW-202	MW-203
Sample Name:	MW-05	MW-104	MW-111	MW-112A	MW-113	MW-114	MW-115	MW-202	MW-203
Sample Date:	06/23/2025	06/23/2025	06/23/2025	06/24/2025	06/24/2025	06/24/2025	06/24/2025	06/23/2025	06/25/2025

Parameters	Unit									
Semi-volatile Organic Compounds, SIM (Continued)										
Phenanthrene	mg/L	--	--	--	--	--	--	--	--	--
Pyrene	mg/L	--	--	--	--	--	--	--	--	--
Metals										
Lead	mg/L	--	0.00337	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons										
Gasoline	mg/L	0.0730 U	1.78	0.0730 U	2.24	0.251	0.0730 U	0.775	0.508	0.101 J
Motor oil	mg/L	0.301 J	0.470	0.127 U	0.698	0.510	0.169 J	0.889	0.353	0.441
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	0.280	0.953	0.120 J	5.51	1.41	0.0911 U	3.42	1.92	0.179 J

Table 2

Analytical Results Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Location ID:	MW-213	MW-214	MW-301	MW-303	MW-304	MW-307	MW-308	MW-309
Sample Name:	MW-213	MW-214	MW-301	MW-303	MW-304	MW-307	MW-308	MW-309
Sample Date:	06/24/2025	06/24/2025	06/24/2025	06/25/2025	06/25/2025	06/24/2025	06/24/2025	06/25/2025

Parameters**Unit****Volatile Organic Compounds**

Benzene	mg/L	0.000240 U	0.000240 U	0.368	0.0543	0.209	0.0507	0.00108	0.000240 U
Ethylbenzene	mg/L	0.000500 U	0.000500 U	0.00284	0.135	0.00126	0.0384	0.000500 U	0.000500 U
Toluene	mg/L	0.000390 U	0.000390 U	0.00930	0.00301	0.00900	0.0136	0.000390 U	0.000390 U
Xylenes (total)	mg/L	0.000530 U	0.000530 U	0.0199	0.0139	0.0255	0.0213	0.000530 U	0.000530 U

Semi-volatile Organic Compounds, SIM

1-Methylnaphthalene	mg/L	0.0000323 U	0.0000318 U	--	--	--	--	--	--
2-Methylnaphthalene	mg/L	0.0000382 U	0.0000376 U	--	--	--	--	--	--
Acenaphthene	mg/L	0.0000137 U	0.0000135 U	--	--	--	--	--	--
Acenaphthylene	mg/L	0.00000881 U	0.00000867 U	--	--	--	--	--	--
Anthracene	mg/L	0.0000215 U	0.0000212 U	--	--	--	--	--	--
Benzo(a)anthracene	mg/L	0.0000137 U	0.0000135 U	--	--	--	--	--	--
Benzo(a)pyrene	mg/L	0.0000215 U	0.0000212 U	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/L	0.0000215 U	0.0000212 U	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/L	0.0000118 U	0.0000116 U	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/L	0.0000118 U	0.0000116 U	--	--	--	--	--	--
Chrysene	mg/L	0.0000362 U	0.0000356 U	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/L	0.0000147 U	0.0000145 U	--	--	--	--	--	--
Fluoranthene	mg/L	0.0000529 U	0.0000520 U	--	--	--	--	--	--
Fluorene	mg/L	0.0000166 U	0.0000164 U	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/L	0.0000137 U	0.0000135 U	--	--	--	--	--	--
Naphthalene	mg/L	0.000160 U	0.000157 U	--	--	--	--	--	--

Table 2

Analytical Results Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Location ID:	MW-213	MW-214	MW-301	MW-303	MW-304	MW-307	MW-308	MW-309
Sample Name:	MW-213	MW-214	MW-301	MW-303	MW-304	MW-307	MW-308	MW-309
Sample Date:	06/24/2025	06/24/2025	06/24/2025	06/25/2025	06/25/2025	06/24/2025	06/24/2025	06/25/2025

Parameters	Unit								
Semi-volatile Organic Compounds, SIM (Continued)									
Phenanthrene	mg/L	0.0000362 U	0.0000356 U	--	--	--	--	--	--
Pyrene	mg/L	0.0000323 U	0.0000318 U	--	--	--	--	--	--
Metals									
Lead	mg/L	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons									
Gasoline	mg/L	0.0730 U	0.0730 U	2.19	3.00	2.15	1.62	0.0730 U	0.0817 J
Motor oil	mg/L	0.221 J	0.129 U	--	--	--	0.361	--	--
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	0.215	0.0901 U	--	--	--	2.88	--	--

Table 2

Analytical Results Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Location ID:	MW-310	MW-311	MW-312	MW-313	MW-314	MW-315	SH-04	TX-03A
Sample Name:	MW-310	MW-311	MW-312	MW-313	MW-314	MW-315	SH-04	TX-03A
Sample Date:	06/25/2025	06/25/2025	06/25/2025	06/25/2025	06/23/2025	06/25/2025	06/24/2025	06/24/2025

Parameters	Unit
-------------------	-------------

Volatile Organic Compounds

Benzene	mg/L	0.0239	0.00175	0.00378	0.000240 U	0.000390 J	0.0421	0.00646	0.204
Ethylbenzene	mg/L	0.00191	0.000500 U	0.000913 J	0.000500 U	0.000500 U	0.000555 J	0.000500 U	0.00287
Toluene	mg/L	0.00392	0.00209	0.00186	0.000390 U	0.000532 J	0.00302	0.000764 J	0.0101
Xylenes (total)	mg/L	0.0131	0.000841 J	0.00187 J	0.000530 U	0.000669 J	0.00253	0.000928 J	0.0175

Semi-volatile Organic Compounds, SIM

1-Methylnaphthalene	mg/L	--	--	--	--	--	--	--	--
2-Methylnaphthalene	mg/L	--	--	--	--	--	--	--	--
Acenaphthene	mg/L	--	--	--	--	--	--	--	--
Acenaphthylene	mg/L	--	--	--	--	--	--	--	--
Anthracene	mg/L	--	--	--	--	--	--	--	--
Benzo(a)anthracene	mg/L	--	--	--	--	--	--	--	--
Benzo(a)pyrene	mg/L	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/L	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/L	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/L	--	--	--	--	--	--	--	--
Chrysene	mg/L	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/L	--	--	--	--	--	--	--	--
Fluoranthene	mg/L	--	--	--	--	--	--	--	--
Fluorene	mg/L	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/L	--	--	--	--	--	--	--	--
Naphthalene	mg/L	--	--	--	--	--	--	--	--

Table 2

Analytical Results Summary
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Location ID:	MW-310	MW-311	MW-312	MW-313	MW-314	MW-315	SH-04	TX-03A
Sample Name:	MW-310	MW-311	MW-312	MW-313	MW-314	MW-315	SH-04	TX-03A
Sample Date:	06/25/2025	06/25/2025	06/25/2025	06/25/2025	06/23/2025	06/25/2025	06/24/2025	06/24/2025

Parameters	Unit								
Semi-volatile Organic Compounds, SIM (Continued)									
Phenanthrene	mg/L	--	--	--	--	--	--	--	--
Pyrene	mg/L	--	--	--	--	--	--	--	--
Metals									
Lead	mg/L	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons									
Gasoline	mg/L	1.03	2.33	2.47	0.0730 U	0.405	3.15	0.177	2.69
Motor oil	mg/L	--	--	--	0.129 U	0.230 J	0.353	0.415	--
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	--	--	--	0.0905 U	1.01	3.63	2.91	--

Notes:

U - Not detected at the associated concentration

J - Estimated concentration

"--" - Not analyzed

DRO - Diesel Range Organics

SIM - Selected Ion Monitoring

Table 3

Analytical Methods
Quarterly Groundwater Sampling
Equilon Enterprises LLC dba Shell Oil Products US - Triton West Consent Decree
Seattle, Washington
June 2025

Parameter	Method	Matrix
Volatile Organic Compounds (VOCs)	SW-846 8260D ⁽¹⁾	Water
Semi-volatile Organic Compounds (SVOCs)	SW-846 8270E SIM ⁽¹⁾	Water
Gasoline Range Organics (GRO)	NWTPH-Gx ⁽²⁾	Water
Diesel Range Organics (DRO)/Motor Oil Range Organics (ORO)	NWTPH-Dx ⁽²⁾	Water
Lead	SW-846 6020B ⁽¹⁾	Water

Notes:

- (1) - SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions
- (2) - NWTPH - Referenced from "Washington State Department of Ecology Analytical Methods for Petroleum Hydrocarbons", Publication No. ECY 97-602, June 1997
- SIM - Selected Ion Monitoring