

Our ref: 11218519

November 14, 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 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 July 1, 2025 to September 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 July 17, August 14, and September 9, 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 replaced during both the July and September events, while the sock in MW-212 was only replaced during the September event. Measurable free product was not detected in wells MW-208, MW-210, MW-211, or MW-212 during the monthly gauging events.
- The third quarter of 2025 groundwater monitoring and sampling event was conducted on September 9 and 10, 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.
 - Shoreline Manifold Area: MW-208 and MW-210 through MW-212.

- Monitoring wells sampled during this event included:
 - TX-03A Area Excluding the North Tank Farm: MW-301 through MW-304, MW-307, MW-308, MW-310 through MW-315, and TX-03A.

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 third 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 September 2025 event remained below the cleanup level, except for wells MW-301, MW-303, 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, except for wells MW-311, MW-312, and MW-315. As discussed below and in GHD's *TX-03A Area Contaminant Stability* memorandum, TPHg concentrations in well MW-311 initially increased in 2020 and have been of comparable magnitude since. It is also noted that the reported concentrations of TPHg in wells MW-312 (5.69 milligrams per liter [mg/L]) and MW-315 (6.61 mg/L) remain of comparable magnitude with historical concentrations since the installation of these wells. Further, the benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations in wells MW-311, MW-312, and MW-315 have been below Site-specific cleanup levels since the installation of the well (MW-311), or have been below the Site-specific cleanup levels since 2017 (32 sampling events; MW-315) or since 2021 (18 sampling events; MW-312). Lastly, the TPHg concentrations in groundwater above Site-specific cleanup levels present in wells MW-311, MW-312, and MW-315 are defined to the west, towards the West Waterway, by wells MW-313 and MW-314.

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 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.

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

No deviations are currently planned for the fourth quarter 2025.

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

No deviations are currently planned for the fourth quarter 2025.

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 third quarter 2025 are included with the historical data on Tables 3 through 7. New groundwater data from the third quarter 2025 monitoring events are highlighted on these tables in yellow.
- The laboratory report for the third quarter of 2025 monitoring event is included in Attachment 1.
- Groundwater samples were analyzed for one or more of the following during the third quarter of 2025 groundwater monitoring event, in accordance with Table 2:
 - Volatile organic compounds: BTEX
 - TPHg, TPH as diesel range, TPH as oil range.
- 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 are currently planned for the fourth quarter 2025.

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 2024 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.

- GHD, 2025d. Env-Agency Correspondence CONSENT DECREE 99-2-07176-0SEA Quarterly Progress Report, August 15, 2025. August 15.

Please do not hesitate to contact Emily Blakeway at (425) 563-6502 if you have any questions or comments.

Sincerely,



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Tables

Table 1

Groundwater Cleanup Levels

Table 1
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

Table 2
Groundwater Monitoring Program
Shell Harbor Island Terminal
Seattle, Washington

Well	Schedule														Compliance Monitoring Well				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 Depth (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	

Table 2
Groundwater Monitoring Program
Shell Harbor Island Terminal
Seattle, Washington

Well	Schedule														Compliance Monitoring Well				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 Depth (ft bgs)	Screened Interval (ft bgs)	
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
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. Groundwater monitoring of these wells is not required. Checking for well logs for future well abandonment.
AMW-3																			26	5-25	

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

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

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

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

Table 3

Groundwater Elevation Data

Table 3
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-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

Table 3
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-05	10/25/11	13.57	7.25	6.32
MW-05	05/30/12	13.57	5.86	7.71
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
MW-101	09/10/25	18.21	11.83	6.38
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

Table 3
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-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
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

Table 3
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-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
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-102	09/10/25	15.60	9.27	6.33
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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-201	09/09/25	20.18	14.47	5.71
MW-202	04/06/93	16.77	13.23	3.54
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

Table 3
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-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
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

Table 3
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-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
MW-202	12/16/21	19.86	12.70	7.16

Table 3
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-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-202	09/09/25	19.86	13.96	5.90
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

Table 3
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-203	10/23/02	11.04	8.80	2.24
MW-203	01/28/03	11.04	6.76	4.28
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

Table 3
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-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
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-203	09/09/25	13.99	8.05	5.94
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

Table 3
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-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
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

Table 3
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-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
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-204	09/09/25	17.27	11.41	5.86
MW-206	04/06/93	10.75	9.83	0.92

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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-206A	09/09/25	15.90	9.89	6.01
MW-208	06/28/13	--	4.98	--
MW-208	09/11/13	--	5.67	--
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
MW-208	07/17/25	12.16	5.26	6.90
MW-208	08/14/25	12.16	5.24	6.92
MW-208	09/09/25	12.16	5.50	6.66
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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-210	07/17/25	18.85	6.48	12.37
MW-210	08/14/25	18.85	6.39	12.46
MW-210	09/09/25	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
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

Table 3
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-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
MW-211	11/05/19	12.21	6.01	6.20
MW-211	12/09/19	12.21	5.54	6.67

Table 3
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-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

Table 3
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-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-211	07/17/25	12.21	5.65	6.56
MW-211	08/14/25	12.21	5.61	6.60
MW-211	09/09/25	12.21	5.61	6.60
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	--

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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-212	07/17/25	11.95	6.15	5.80
MW-212	08/14/25	11.95	6.14	5.81
MW-212	09/09/25	11.95	6.35	5.60
MW-213	07/23/01	8.57	10.17	-1.60

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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
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

Table 3
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-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-301	09/09/25	12.56	6.33	6.23
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
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

Table 3
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-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
MW-302	06/23/25	12.85	6.34	6.51
MW-302	09/09/25	12.85	6.69	6.16
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

Table 3
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-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
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

Table 3
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-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-303	09/09/25	12.64	6.44	6.20
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
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

Table 3
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-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-304	09/09/25	12.70	6.51	6.19
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
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

Table 3
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	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
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

Table 3
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-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-307	09/10/25	15.62	9.33	6.29
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
MW-308	03/06/18	15.59	7.98	7.61

Table 3
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-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-308	09/10/25	15.59	9.35	6.24
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

Table 3
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-309	03/10/15	12.67	5.72	6.95
MW-309	05/15/15	12.67	6.18	6.49
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

Table 3
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-309	03/24/25	12.67	4.96	7.71
MW-309	06/23/25	12.67	5.99	6.68
MW-309	09/09/25	12.67	6.52	6.15
MW-310	11/27/12	13.51	6.42	7.09
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

Table 3
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-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
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-310	09/09/25	13.51	7.36	6.15
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

Table 3
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-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
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-311	09/09/25	14.91	8.55	6.36
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

Table 3
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-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
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-312	09/09/25	14.31	8.04	6.27
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

Table 3
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-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
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-313	09/09/25	13.25	6.73	6.52
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

Table 3
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-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	--	--
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-314	09/09/25	13.49	7.41	6.08
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

Table 3
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-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
MW-315	06/23/25	14.61	7.81	6.80
MW-315	09/09/25	14.61	8.16	6.45
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

Table 3
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
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
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

Table 3
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
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
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

Table 3
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
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
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

Table 3
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
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
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
TES-MW-1	09/10/25	16.15	9.94	6.21
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

Table 3
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
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
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

Table 3
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
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
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

Table 3
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
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-03A	09/09/25	12.26	6.19	6.07
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
TX-04	07/23/01	14.36	11.50	2.86

Table 3
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
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

Table 3
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
TX-06	06/10/93	8.58	3.71	4.87
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

Table 3
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
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
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 pe

-- = Survey data not available

AMSL = above mean sea level

ft = feet

TOC = Top of monitoring well casing

Table 4

Performance Product Monitoring Data

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	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product 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	—	—

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	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness
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
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

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	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness
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
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

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	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness
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
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

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	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness	Groundwater Depth	Product Depth	Product Thickness
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
07/17/25	—	—	—	5.26	NP	NP	—	—	—	6.48	NP	NP	5.65	NP	NP	6.15	NP	NP
08/14/25	—	—	—	5.24	NP	NP	—	—	—	6.39	NP	NP	5.61	NP	NP	6.14	NP	NP
09/09/25	—	—	—	5.50	NP	NP	—	—	—	6.59	NP	NP	5.61	NP	NP	6.35	NP	NP

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**

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Sample ID	Sample Date	Field Parameters						Laboratory Parameters						
		Temperature oC	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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	12/18/18	14.20	415	1.51	7.49	-35.9	12	--	--	--	--	--	--	--
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

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	--	--	--	--	--	--	--
MW-112A	12/14/20	14.67	399	0.18	7.77	123.7	5	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
MW-115	06/24/25	16.72	291	0.14	6.86	-5.9	20	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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-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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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-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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
MW-301	09/10/25	18.17	543	0.86	6.99	-15.3	20	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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-302	09/10/25	18.48	285	0.71	6.59	4.0	23	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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-303	09/10/25	17.13	469	1.02	6.69	21.4	20	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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-304	09/10/25	16.61	316	1.06	6.80	31.9	20	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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-307	09/10/25	15.55	284	1.11	6.57	110.2	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	--	--	--	--	--	--	--
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

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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-308	09/10/25	15.53	338	1.13	6.41	117.0	18	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	09/22/21	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-310	09/10/25	17.74	389	1.01	6.57	75.0	20	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	12/12/19	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-311	09/09/25	18.23	603	0.81	7.11	-13.1	24	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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-312	09/09/25	18.11	511	1.01	7.21	-10.0	20	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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-313	09/09/25	19.26	484	1.05	6.95	104.8	15	--	--	--	--	--	--	--
MW-314	08/30/16	20.60	565	1.23	6.87	82	8.52	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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-314	09/09/25	17.83	697	1.06	6.95	112.1	15	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
MW-315	09/09/25	17.06	545	1.01	7.11	38.4	18	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

		Field Parameters						Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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	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	--	--	--	--	--	--	--
TX-03A	09/09/25	17.98	375	0.71	7.10	-23.9	17	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

Table 5
Compliance Monitoring Natural Attenuation Parameters
Shell Harbor Island Terminal
Seattle, Washington

Field Parameters								Laboratory Parameters						
Sample ID	Sample Date	Temperature oC	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-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	--	--	--	--	--	--	--

Note:

 = 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 Rep

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**

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-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	--
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	--

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-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	--
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	--
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

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-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
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
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

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-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
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	< 0.0005	< 0.0003	< 0.0007	< 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	--
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	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--
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	--
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	--

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-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	--
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	--
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	--

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	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	--
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	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--
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	--
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	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--
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	--
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	--

Table 6
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Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--
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	--
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	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--
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	--
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	--	--	--

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-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	--	--	--
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	--	--	--
MW-301	09/10/25	0.463	0.0154	<0.00500	0.0168 J	1.84	--	--	--
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	--	--	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--	--	--
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-302	09/10/25	0.0572	0.00342 J	<0.00250	0.00631 J	0.976	--	--	--
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	--	--	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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	09/25/12	1.83	0.0635	0.474	0.146	9.14	--	--	--
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	--	--	--
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-303	09/10/25	0.260	0.00981 J	0.127	0.0166 J	2.51	--	--	--
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	--	--	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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	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	--	--	--
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	--	--	--
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-304	09/10/25	0.164	0.0102	0.00165	0.0368	2.54	--	--	--
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	--	--	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--	--	--
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	--
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	--

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-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	--	--	--
MW-307	06/24/25	0.0507	0.0136	0.0384	0.0213	1.62	2.88	0.361	--
MW-307	09/10/25	0.0558	0.00900 J	<0.00500	0.0242	2.23	--	--	--
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	--	--	--
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	--	--	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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-308	09/10/25	0.00628	<0.00195	<0.00250	<0.00265	0.444 J	--	--	--
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	--	--	--
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	--	--	--
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	--	--	--

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	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	--	--	--
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-310	09/10/25	0.0286	0.00786 J	< 0.00500	0.0174 J	1.10 J	--	--	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--	--	--
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	--	--	--
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-311	09/09/25	0.00265 J	<0.00390	<0.00500	<0.00530	4.72	--	--	--
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	--	--	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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	--	--	--
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	--	--	--
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-312	09/09/25	0.00598	0.00208	0.00131	0.00211	5.69	--	--	--
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	--

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-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	--
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-313	09/09/25	<0.000240	<0.000390	<0.000500	<0.000530	<0.0730	0.156 J	0.213 J	--
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	--
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	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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-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-314	09/09/25	<0.000240	0.000547 J	<0.000500	0.000858 J	0.491	1.23	0.421	--
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	--
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	--
MW-315	09/09/25	0.0389	0.00309	0.000603 J	0.00314	6.61	4.45	0.428	--
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	--
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	--

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
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	--
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	0.000764 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	--

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
TES-MW-1	01/27/06	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.05	< 0.240	< 0.481	--
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	--	--	--
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	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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
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	--	--	--
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	1.5	--	--	--
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	--	--	--
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-03A	09/09/25	0.166	0.00888 J	<0.00500	0.0133 J	3.34	--	--	--
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	--

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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
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	--
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	--
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	--	--	--

Note:

 = Indicates data collected during this progress report period

¹ = Dissolved lead result

Table 6
BTEX, Petroleum Hydrocarbons, and Lead in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

		Volatile Organic Compounds				Hydrocarbons			Lead
Sample ID	Sample Date	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

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

Table 7
Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

Sample ID	Sample Date	PAHs							cPAH TEQ
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)pyrene	
Site-Specific Cleanup Level		--	--	--	--	--	--	--	0.000031
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	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
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

Table 7
Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

Sample ID	Sample Date	PAHs							cPAH TEQ
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)pyrene	
Site-Specific Cleanup Level		--	--	--	--	--	--	--	0.000031
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
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
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
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

Table 7
Carcinogenic PAHs in Groundwater
Shell Harbor Island Terminal
Seattle, Washington

Sample ID	Sample Date	PAHs							cPAH TEQ
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)pyrene	
Site-Specific Cleanup Level		--	--	--	--	--	--	--	0.000031
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
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
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

Note:

 = 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

mg/L = milligrams per liter

PAHs = polycyclic aromatic hydrocarbons

Attachments

Attachment 1

Laboratory Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeffrey Cloud
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Seattle, Washington 98115

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JOB DESCRIPTION

12631170, Shell, Triton West Consent Decree

JOB NUMBER

580-153994-1

Eurofins Seattle

Job Notes

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Authorization



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Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Definitions	6
Client Sample Results	7
QC Sample Results	21
QC Association	30
Chronicle	33
Certification Summary	36
Sample Summary	37
Chain of Custody	38
Receipt Checklists	40

Case Narrative

Client: GHD Services Inc.
Project: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Job ID: 580-153994-1

Eurofins Seattle

Job Narrative 580-153994-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/10/2025 1:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

Gasoline Range Organics

Method NWTPH_Gx_MS: The following samples were diluted due to the nature of the sample matrix: MW-311 (580-153994-5), TX-03A (580-153994-6) and MW-307 (580-153994-7). Elevated reporting limits (RLs) are provided.

Method NWTPH_Gx_MS: The following samples were diluted due to the abundance of non-target analytes: MW-310 (580-153994-9) and MW-303 (580-153994-11). Elevated reporting limits (RLs) are provided.

Method NWTPH_Gx_MS: The following sample was diluted due to the abundance of non-target analytes: MW-302 (580-153994-13). Elevated reporting limits (RLs) are provided.

Method NWTPH_Gx_MS: The following samples were diluted due to the abundance of non-target analytes: MW-308 (580-153994-8) and MW-301 (580-153994-12). 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 VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TX-03A (580-153994-6) and MW-307 (580-153994-7). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample was diluted due to the abundance of non-target analytes: MW-311 (580-153994-5). Elevated reporting limits (RLs) are provided.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-310 (580-153994-9) and MW-303 (580-153994-11). Elevated reporting limits (RLs) are provided.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 580-503646 recovered outside control limits for the following analytes: m-Xylene & p-Xylene.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-302 (580-153994-13). Elevated reporting limits (RLs) are provided.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-304 (580-153994-10) and MW-301 (580-153994-12). Elevated reporting limits (RLs) are provided.

Method 8260D: The [QC] associated with 580-503745 is compliant under 8260D criteria for Toluene. The software does not display the data to the whole number as is listed in the method (i.e. limit of 20%). When applying the evaluation to a whole number, the QC passes the criteria.

Method 8260D: The following sample was diluted due to the abundance of non-target analytes: MW-308 (580-153994-8). Elevated

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Case Narrative

Client: GHD Services Inc.
Project: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Job ID: 580-153994-1 (Continued)

Eurofins Seattle

reporting limits (RLs) are provided.

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

Hydrocarbons

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: 580-153994-1

Qualifiers

GC/MS 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.

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.

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: 580-153994-1

Client Sample ID: MW-314

Lab Sample ID: 580-153994-1

Date Collected: 09/09/25 09:40

Matrix: Water

Date Received: 09/10/25 13:15

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			09/17/25 19:28	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/17/25 19:28	1
Toluene	0.000547	J	0.00100	0.000390	mg/L			09/17/25 19:28	1
Xylenes, Total	0.000858	J	0.00200	0.000530	mg/L			09/17/25 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		09/17/25 19:28	1
Dibromofluoromethane (Surr)	99		80 - 120		09/17/25 19:28	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		09/17/25 19:28	1
Toluene-d8 (Surr)	99		80 - 120		09/17/25 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	0.491		0.150	0.0730	mg/L			09/17/25 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		77 - 123		09/17/25 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	1.23		0.198	0.0903	mg/L		09/12/25 10:15	09/23/25 19:40	1
Motor Oil (>C24-C36)	0.421		0.347	0.129	mg/L		09/12/25 10:15	09/23/25 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	68		50 - 150	09/12/25 10:15	09/23/25 19:40	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-313

Lab Sample ID: 580-153994-2

Date Collected: 09/09/25 10:10

Matrix: Water

Date Received: 09/10/25 13:15

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			09/17/25 19:51	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/17/25 19:51	1
Toluene	ND		0.00100	0.000390	mg/L			09/17/25 19:51	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			09/17/25 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		09/17/25 19:51	1
Dibromofluoromethane (Surr)	106		80 - 120		09/17/25 19:51	1
1,2-Dichloroethane-d4 (Surr)	116		80 - 120		09/17/25 19:51	1
Toluene-d8 (Surr)	99		80 - 120		09/17/25 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		0.150	0.0730	mg/L			09/17/25 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		77 - 123		09/17/25 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	0.156	J	0.205	0.0934	mg/L		09/12/25 10:15	09/23/25 20:00	1
Motor Oil (>C24-C36)	0.213	J	0.359	0.133	mg/L		09/12/25 10:15	09/23/25 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	09/12/25 10:15	09/23/25 20:00	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-315

Lab Sample ID: 580-153994-3

Date Collected: 09/09/25 10:35

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0389		0.00100	0.000240	mg/L			09/17/25 20:14	1
Ethylbenzene	0.000603	J	0.00100	0.000500	mg/L			09/17/25 20:14	1
Toluene	0.00309		0.00100	0.000390	mg/L			09/17/25 20:14	1
Xylenes, Total	0.00314		0.00200	0.000530	mg/L			09/17/25 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		09/17/25 20:14	1
Dibromofluoromethane (Surr)	110		80 - 120		09/17/25 20:14	1
1,2-Dichloroethane-d4 (Surr)	112		80 - 120		09/17/25 20:14	1
Toluene-d8 (Surr)	94		80 - 120		09/17/25 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6.61		0.150	0.0730	mg/L			09/17/25 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		77 - 123		09/17/25 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	4.45		0.199	0.0903	mg/L		09/12/25 10:15	09/23/25 20:20	1
Motor Oil (>C24-C36)	0.428		0.347	0.129	mg/L		09/12/25 10:15	09/23/25 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150	09/12/25 10:15	09/23/25 20:20	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-312

Lab Sample ID: 580-153994-4

Date Collected: 09/09/25 11:10

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00598		0.00100	0.000240	mg/L			09/17/25 20:36	1
Ethylbenzene	0.00131		0.00100	0.000500	mg/L			09/17/25 20:36	1
Toluene	0.00208		0.00100	0.000390	mg/L			09/17/25 20:36	1
Xylenes, Total	0.00211		0.00200	0.000530	mg/L			09/17/25 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		09/17/25 20:36	1
Dibromofluoromethane (Surr)	106		80 - 120		09/17/25 20:36	1
1,2-Dichloroethane-d4 (Surr)	86		80 - 120		09/17/25 20:36	1
Toluene-d8 (Surr)	100		80 - 120		09/17/25 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5.69		0.150	0.0730	mg/L			09/17/25 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		09/17/25 20:36	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-311

Lab Sample ID: 580-153994-5

Date Collected: 09/09/25 11:40

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00265	J	0.0100	0.00240	mg/L			09/17/25 20:59	10
Ethylbenzene	ND		0.0100	0.00500	mg/L			09/17/25 20:59	10
Toluene	ND		0.0100	0.00390	mg/L			09/17/25 20:59	10
Xylenes, Total	ND		0.0200	0.00530	mg/L			09/17/25 20:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		09/17/25 20:59	10
Dibromofluoromethane (Surr)	114		80 - 120		09/17/25 20:59	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		09/17/25 20:59	10
Toluene-d8 (Surr)	100		80 - 120		09/17/25 20:59	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	4.72		1.50	0.730	mg/L			09/17/25 20:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		09/17/25 20:59	10

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: TX-03A

Lab Sample ID: 580-153994-6

Date Collected: 09/09/25 12:10

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.166		0.0100	0.00240	mg/L			09/17/25 21:21	10
Ethylbenzene	ND		0.0100	0.00500	mg/L			09/17/25 21:21	10
Toluene	0.00888	J	0.0100	0.00390	mg/L			09/17/25 21:21	10
Xylenes, Total	0.0133	J	0.0200	0.00530	mg/L			09/17/25 21:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		09/17/25 21:21	10
Dibromofluoromethane (Surr)	111		80 - 120		09/17/25 21:21	10
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		09/17/25 21:21	10
Toluene-d8 (Surr)	102		80 - 120		09/17/25 21:21	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	3.34		1.50	0.730	mg/L			09/17/25 21:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		09/17/25 21:21	10

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-307

Lab Sample ID: 580-153994-7

Date Collected: 09/10/25 08:05

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0558		0.0100	0.00240	mg/L			09/17/25 21:44	10
Ethylbenzene	ND		0.0100	0.00500	mg/L			09/17/25 21:44	10
Toluene	0.00900	J	0.0100	0.00390	mg/L			09/17/25 21:44	10
Xylenes, Total	0.0242		0.0200	0.00530	mg/L			09/17/25 21:44	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		09/17/25 21:44	10
Dibromofluoromethane (Surr)	104		80 - 120		09/17/25 21:44	10
1,2-Dichloroethane-d4 (Surr)	89		80 - 120		09/17/25 21:44	10
Toluene-d8 (Surr)	104		80 - 120		09/17/25 21:44	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.23		1.50	0.730	mg/L			09/17/25 21:44	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		09/17/25 21:44	10

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-308

Lab Sample ID: 580-153994-8

Date Collected: 09/10/25 08:35

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00628		0.00500	0.00120	mg/L			09/19/25 09:53	5
Ethylbenzene	ND		0.00500	0.00250	mg/L			09/19/25 09:53	5
Toluene	ND		0.00500	0.00195	mg/L			09/19/25 09:53	5
Xylenes, Total	ND		0.0100	0.00265	mg/L			09/19/25 09:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		09/19/25 09:53	5
Dibromofluoromethane (Surr)	104		80 - 120		09/19/25 09:53	5
1,2-Dichloroethane-d4 (Surr)	118		80 - 120		09/19/25 09:53	5
Toluene-d8 (Surr)	101		80 - 120		09/19/25 09:53	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	0.444	J	0.750	0.365	mg/L			09/19/25 09:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		09/19/25 09:53	5

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-310

Lab Sample ID: 580-153994-9

Date Collected: 09/10/25 09:25

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0286		0.0100	0.00240	mg/L			09/18/25 11:30	10
Ethylbenzene	ND		0.0100	0.00500	mg/L			09/18/25 11:30	10
Toluene	0.00786	J	0.0100	0.00390	mg/L			09/18/25 11:30	10
Xylenes, Total	0.0174	J	0.0200	0.00530	mg/L			09/18/25 11:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		09/18/25 11:30	10
Dibromofluoromethane (Surr)	104		80 - 120		09/18/25 11:30	10
1,2-Dichloroethane-d4 (Surr)	114		80 - 120		09/18/25 11:30	10
Toluene-d8 (Surr)	101		80 - 120		09/18/25 11:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1.10	J	1.50	0.730	mg/L			09/18/25 11:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		09/18/25 11:30	10

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-304

Lab Sample ID: 580-153994-10

Date Collected: 09/10/25 10:08

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.00165		0.00100	0.000500	mg/L			09/18/25 07:37	1
Toluene	0.0102		0.00100	0.000390	mg/L			09/18/25 07:37	1
Xylenes, Total	0.0368		0.00200	0.000530	mg/L			09/18/25 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120		09/18/25 07:37	1
Dibromofluoromethane (Surr)	106		80 - 120		09/18/25 07:37	1
1,2-Dichloroethane-d4 (Surr)	112		80 - 120		09/18/25 07:37	1
Toluene-d8 (Surr)	101		80 - 120		09/18/25 07:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.164		0.0100	0.00240	mg/L			09/19/25 11:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		09/19/25 11:26	10
Dibromofluoromethane (Surr)	103		80 - 120		09/19/25 11:26	10
1,2-Dichloroethane-d4 (Surr)	116		80 - 120		09/19/25 11:26	10
Toluene-d8 (Surr)	100		80 - 120		09/19/25 11:26	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.54		0.150	0.0730	mg/L			09/18/25 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		09/18/25 07:37	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-303

Lab Sample ID: 580-153994-11

Date Collected: 09/10/25 10:35

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.260		0.0100	0.00240	mg/L			09/18/25 11:54	10
Ethylbenzene	0.127		0.0100	0.00500	mg/L			09/18/25 11:54	10
Toluene	0.00981	J	0.0100	0.00390	mg/L			09/18/25 11:54	10
Xylenes, Total	0.0166	J	0.0200	0.00530	mg/L			09/18/25 11:54	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		80 - 120		09/18/25 11:54	10
Dibromofluoromethane (Surr)	102		80 - 120		09/18/25 11:54	10
1,2-Dichloroethane-d4 (Surr)	112		80 - 120		09/18/25 11:54	10
Toluene-d8 (Surr)	101		80 - 120		09/18/25 11:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.51		1.50	0.730	mg/L			09/18/25 11:54	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		77 - 123		09/18/25 11:54	10

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-301

Lab Sample ID: 580-153994-12

Date Collected: 09/10/25 11:05

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.463		0.0100	0.00240	mg/L			09/19/25 11:03	10
Ethylbenzene	ND		0.0100	0.00500	mg/L			09/19/25 11:03	10
Toluene	0.0154		0.0100	0.00390	mg/L			09/19/25 11:03	10
Xylenes, Total	0.0168	J	0.0200	0.00530	mg/L			09/19/25 11:03	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		09/19/25 11:03	10
Dibromofluoromethane (Surr)	104		80 - 120		09/19/25 11:03	10
1,2-Dichloroethane-d4 (Surr)	115		80 - 120		09/19/25 11:03	10
Toluene-d8 (Surr)	101		80 - 120		09/19/25 11:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1.84		1.50	0.730	mg/L			09/19/25 11:03	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		09/19/25 11:03	10

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-302

Lab Sample ID: 580-153994-13

Date Collected: 09/10/25 11:40

Matrix: Water

Date Received: 09/10/25 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0572		0.00500	0.00120	mg/L			09/18/25 20:53	5
Ethylbenzene	ND		0.00500	0.00250	mg/L			09/18/25 20:53	5
Toluene	0.00342	J	0.00500	0.00195	mg/L			09/18/25 20:53	5
Xylenes, Total	0.00631	J	0.0100	0.00265	mg/L			09/18/25 20:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		09/18/25 20:53	5
Dibromofluoromethane (Surr)	104		80 - 120		09/18/25 20:53	5
1,2-Dichloroethane-d4 (Surr)	89		80 - 120		09/18/25 20:53	5
Toluene-d8 (Surr)	102		80 - 120		09/18/25 20:53	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	0.976		0.750	0.365	mg/L			09/18/25 20:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123		09/18/25 20:53	5

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: TB-1

Lab Sample ID: 580-153994-14

Date Collected: 09/10/25 09:00

Matrix: Water

Date Received: 09/10/25 13:15

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			09/17/25 00:33	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/17/25 00:33	1
Toluene	ND		0.00100	0.000390	mg/L			09/17/25 00:33	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			09/17/25 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		09/17/25 00:33	1
Dibromofluoromethane (Surr)	100		80 - 120		09/17/25 00:33	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		09/17/25 00:33	1
Toluene-d8 (Surr)	103		80 - 120		09/17/25 00:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		0.150	0.0730	mg/L			09/17/25 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		77 - 123		09/17/25 00:33	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: MB 580-503488/10

Matrix: Water

Analysis Batch: 503488

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			09/17/25 00:11	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/17/25 00:11	1
Toluene	ND		0.00100	0.000390	mg/L			09/17/25 00:11	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			09/17/25 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		09/17/25 00:11	1
Dibromofluoromethane (Surr)	96		80 - 120		09/17/25 00:11	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		09/17/25 00:11	1
Toluene-d8 (Surr)	102		80 - 120		09/17/25 00:11	1

Lab Sample ID: LCS 580-503488/5

Matrix: Water

Analysis Batch: 503488

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	0.005382		mg/L		108	80 - 122
Ethylbenzene	0.00500	0.005197		mg/L		104	80 - 120
Toluene	0.00500	0.005000		mg/L		100	80 - 120
Xylenes, Total	0.0100	0.01042		mg/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	94		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 580-503488/6

Matrix: Water

Analysis Batch: 503488

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	0.005525		mg/L		111	80 - 122	3	14
Ethylbenzene	0.00500	0.005369		mg/L		107	80 - 120	3	14
Toluene	0.00500	0.005137		mg/L		103	80 - 120	3	13
Xylenes, Total	0.0100	0.01066		mg/L		107	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	94		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
Toluene-d8 (Surr)	104		80 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: MB 580-503517/10

Matrix: Water

Analysis Batch: 503517

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			09/17/25 13:52	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/17/25 13:52	1
Toluene	ND		0.00100	0.000390	mg/L			09/17/25 13:52	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			09/17/25 13:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120		09/17/25 13:52	1
Dibromofluoromethane (Surr)	96		80 - 120		09/17/25 13:52	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		09/17/25 13:52	1
Toluene-d8 (Surr)	101		80 - 120		09/17/25 13:52	1

Lab Sample ID: LCS 580-503517/5

Matrix: Water

Analysis Batch: 503517

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	0.005368		mg/L		107	80 - 122
Ethylbenzene	0.00500	0.005204		mg/L		104	80 - 120
Toluene	0.00500	0.004913		mg/L		98	80 - 120
Xylenes, Total	0.0100	0.01043		mg/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	93		80 - 120
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 580-503517/6

Matrix: Water

Analysis Batch: 503517

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	0.005649		mg/L		113	80 - 122	5	14
Ethylbenzene	0.00500	0.005394		mg/L		108	80 - 120	4	14
Toluene	0.00500	0.005104		mg/L		102	80 - 120	4	13
Xylenes, Total	0.0100	0.01066		mg/L		107	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		80 - 120
Dibromofluoromethane (Surr)	93		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		80 - 120
Toluene-d8 (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: 580-153994-1

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

Lab Sample ID: MB 580-503596/10

Matrix: Water

Analysis Batch: 503596

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			09/18/25 04:31	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/18/25 04:31	1
Toluene	ND		0.00100	0.000390	mg/L			09/18/25 04:31	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			09/18/25 04:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		09/18/25 04:31	1
Dibromofluoromethane (Surr)	101		80 - 120		09/18/25 04:31	1
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		09/18/25 04:31	1
Toluene-d8 (Surr)	99		80 - 120		09/18/25 04:31	1

Lab Sample ID: LCS 580-503596/5

Matrix: Water

Analysis Batch: 503596

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	0.005336		mg/L		107	80 - 122
Ethylbenzene	0.00500	0.005482		mg/L		110	80 - 120
Toluene	0.00500	0.005297		mg/L		106	80 - 120
Xylenes, Total	0.0100	0.01056		mg/L		106	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	109		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 580-503596/6

Matrix: Water

Analysis Batch: 503596

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	0.005158		mg/L		103	80 - 122	3	14
Ethylbenzene	0.00500	0.005372		mg/L		107	80 - 120	2	14
Toluene	0.00500	0.005189		mg/L		104	80 - 120	2	13
Xylenes, Total	0.0100	0.01051		mg/L		105	80 - 120	1	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	108		80 - 120
Toluene-d8 (Surr)	101		80 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: MB 580-503646/10

Matrix: Water

Analysis Batch: 503646

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			09/18/25 14:17	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/18/25 14:17	1
Toluene	ND		0.00100	0.000390	mg/L			09/18/25 14:17	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			09/18/25 14:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		80 - 120		09/18/25 14:17	1
Dibromofluoromethane (Surr)	103		80 - 120		09/18/25 14:17	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 120		09/18/25 14:17	1
Toluene-d8 (Surr)	103		80 - 120		09/18/25 14:17	1

Lab Sample ID: LCS 580-503646/5

Matrix: Water

Analysis Batch: 503646

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	0.004643		mg/L		93	80 - 122
Ethylbenzene	0.00500	0.004679		mg/L		94	80 - 120
Toluene	0.00500	0.004341		mg/L		87	80 - 120
Xylenes, Total	0.0100	0.009537		mg/L		95	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	84		80 - 120
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: LCSD 580-503646/6

Matrix: Water

Analysis Batch: 503646

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	0.004441		mg/L		89	80 - 122	4	14
Ethylbenzene	0.00500	0.004149		mg/L		83	80 - 120	12	14
Toluene	0.00500	0.004043		mg/L		81	80 - 120	7	13
Xylenes, Total	0.0100	0.008192		mg/L		82	80 - 120	15	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	92		80 - 120
Toluene-d8 (Surr)	104		80 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: MB 580-503745/10

Matrix: Water

Analysis Batch: 503745

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			09/19/25 05:37	1
Ethylbenzene	ND		0.00100	0.000500	mg/L			09/19/25 05:37	1
Toluene	ND		0.00100	0.000390	mg/L			09/19/25 05:37	1
Xylenes, Total	ND		0.00200	0.000530	mg/L			09/19/25 05:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		09/19/25 05:37	1
Dibromofluoromethane (Surr)	104		80 - 120		09/19/25 05:37	1
1,2-Dichloroethane-d4 (Surr)	115		80 - 120		09/19/25 05:37	1
Toluene-d8 (Surr)	99		80 - 120		09/19/25 05:37	1

Lab Sample ID: LCS 580-503745/5

Matrix: Water

Analysis Batch: 503745

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	0.005053		mg/L		101	80 - 122
Ethylbenzene	0.00500	0.005238		mg/L		105	80 - 120
Toluene	0.00500	0.005071		mg/L		101	80 - 120
Xylenes, Total	0.0100	0.01028		mg/L		103	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	115		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 580-503745/6

Matrix: Water

Analysis Batch: 503745

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	0.004681		mg/L		94	80 - 122	8	14
Ethylbenzene	0.00500	0.004730		mg/L		95	80 - 120	10	14
Toluene	0.00500	0.004591		mg/L		92	80 - 120	10	13
Xylenes, Total	0.0100	0.009168		mg/L		92	80 - 120	11	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	115		80 - 120
Toluene-d8 (Surr)	100		80 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: MB 580-503484/10

Matrix: Water

Analysis Batch: 503484

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		0.150	0.0730	mg/L			09/17/25 00:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		77 - 123					09/17/25 00:11	1

Lab Sample ID: LCS 580-503484/7

Matrix: Water

Analysis Batch: 503484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	1.00	0.8836		mg/L		88	55 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	91		77 - 123				

Lab Sample ID: LCSD 580-503484/8

Matrix: Water

Analysis Batch: 503484

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
Gasoline	1.00	0.9500		mg/L		95	55 - 148	7	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		77 - 123						

Lab Sample ID: MB 580-503513/10

Matrix: Water

Analysis Batch: 503513

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		0.150	0.0730	mg/L			09/17/25 13:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		77 - 123					09/17/25 13:52	1

Lab Sample ID: LCS 580-503513/7

Matrix: Water

Analysis Batch: 503513

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	1.00	1.104		mg/L		110	55 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	92		77 - 123				

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: LCSD 580-503513/8

Matrix: Water

Analysis Batch: 503513

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
Gasoline	1.00	1.114		mg/L		111	55 - 148	1	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		77 - 123						

Lab Sample ID: MB 580-503591/10

Matrix: Water

Analysis Batch: 503591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		0.150	0.0730	mg/L			09/18/25 04:31	1
Surrogate	%Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97		77 - 123						

Lab Sample ID: LCS 580-503591/7

Matrix: Water

Analysis Batch: 503591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Data: 000001									
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline			1.00	0.9199		mg/L	-	92	55 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		77 - 123						

Lab Sample ID: LCSD 580-503591/8

Matrix: Water

Analysis Batch: 503591

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
Gasoline	1.00	0.9256		mg/L		93	55 - 148	1	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		77 - 123						

Lab Sample ID: MB 580-503642/10

Matrix: Water

Analysis Batch: 503642

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		0.150	0.0730	mg/L			09/18/25 14:17	1
Surrogate	%Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	109		77 - 123						

Eurofins Seattle

QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: LCS 580-503642/7

Matrix: Water

Analysis Batch: 503642

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			1.00	1.137		mg/L		114	55 - 148		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		77 - 123								

Lab Sample ID: LCSD 580-503642/8

Matrix: Water

Analysis Batch: 503642

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Date: 08/09/12											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline			1.00	1.173		mg/L	-	117	55 - 148	3	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		77 - 123								

Lab Sample ID: MB 580-503740/10

Matrix: Water

Analysis Batch: 503740

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		0.150	0.0730	mg/L	-		09/19/25 05:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		77 - 123					09/19/25 05:37	1

Lab Sample ID: LCS 580-503740/7

Matrix: Water

Analysis Batch: 503740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS							
Analyte			Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline			1.00	1.001		mg/L		100	55 - 148			
Surrogate	LCS	LCS										
	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	103		77 - 123									

Lab Sample ID: LCSD 580-503740/8

Matrix: Water

Analysis Batch: 503740

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline			1.00	1.036		mg/L		104	55 - 148	3	10
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		77 - 123								

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

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

Lab Sample ID: MB 580-503076/1-A

Matrix: Water

Analysis Batch: 504136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 503076

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24) - RA	ND		0.200	0.0910	mg/L		09/12/25 10:14	09/23/25 18:40	1
Motor Oil (>C24-C36) - RA	ND		0.350	0.130	mg/L		09/12/25 10:14	09/23/25 18:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl - RA	63		50 - 150				09/12/25 10:14	09/23/25 18:40	1

Lab Sample ID: LCS 580-503076/2-A

Matrix: Water

Analysis Batch: 504136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 503076

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (C10-C24) - RA	4.00	3.277		mg/L		82	50 - 120		
Motor Oil (>C24-C36) - RA	4.00	3.562		mg/L		89	64 - 120		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
o-Terphenyl - RA	59		50 - 150						

Lab Sample ID: LCSD 580-503076/3-A

Matrix: Water

Analysis Batch: 504136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 503076

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (C10-C24) - RA	4.00	3.775		mg/L		94	50 - 120	14	26
Motor Oil (>C24-C36) - RA	4.00	4.056		mg/L		101	64 - 120	13	24
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl - RA	69		50 - 150						

QC Association Summary

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

GC/MS VOA

Analysis Batch: 503484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-14	TB-1	Total/NA	Water	NWTPH-Gx	
MB 580-503484/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-503484/7	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-503484/8	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 503488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-14	TB-1	Total/NA	Water	8260D	
MB 580-503488/10	Method Blank	Total/NA	Water	8260D	
LCS 580-503488/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-503488/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 503513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-1	MW-314	Total/NA	Water	NWTPH-Gx	
580-153994-2	MW-313	Total/NA	Water	NWTPH-Gx	
580-153994-3	MW-315	Total/NA	Water	NWTPH-Gx	
580-153994-4	MW-312	Total/NA	Water	NWTPH-Gx	
580-153994-5	MW-311	Total/NA	Water	NWTPH-Gx	
580-153994-6	TX-03A	Total/NA	Water	NWTPH-Gx	
580-153994-7	MW-307	Total/NA	Water	NWTPH-Gx	
MB 580-503513/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-503513/7	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-503513/8	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 503517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-1	MW-314	Total/NA	Water	8260D	
580-153994-2	MW-313	Total/NA	Water	8260D	
580-153994-3	MW-315	Total/NA	Water	8260D	
580-153994-4	MW-312	Total/NA	Water	8260D	
580-153994-5	MW-311	Total/NA	Water	8260D	
580-153994-6	TX-03A	Total/NA	Water	8260D	
580-153994-7	MW-307	Total/NA	Water	8260D	
MB 580-503517/10	Method Blank	Total/NA	Water	8260D	
LCS 580-503517/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-503517/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 503591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-9	MW-310	Total/NA	Water	NWTPH-Gx	
580-153994-10	MW-304	Total/NA	Water	NWTPH-Gx	
580-153994-11	MW-303	Total/NA	Water	NWTPH-Gx	
MB 580-503591/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-503591/7	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-503591/8	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 503596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-9	MW-310	Total/NA	Water	8260D	
580-153994-10	MW-304	Total/NA	Water	8260D	

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QC Association Summary

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

GC/MS VOA (Continued)

Analysis Batch: 503596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-11	MW-303	Total/NA	Water	8260D	
MB 580-503596/10	Method Blank	Total/NA	Water	8260D	
LCS 580-503596/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-503596/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 503642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-13	MW-302	Total/NA	Water	NWTPH-Gx	
MB 580-503642/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-503642/7	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-503642/8	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 503646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-13	MW-302	Total/NA	Water	8260D	
MB 580-503646/10	Method Blank	Total/NA	Water	8260D	
LCS 580-503646/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-503646/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 503740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-8	MW-308	Total/NA	Water	NWTPH-Gx	
580-153994-12	MW-301	Total/NA	Water	NWTPH-Gx	
MB 580-503740/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-503740/7	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-503740/8	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 503745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-8	MW-308	Total/NA	Water	8260D	
580-153994-10 - DL	MW-304	Total/NA	Water	8260D	
580-153994-12	MW-301	Total/NA	Water	8260D	
MB 580-503745/10	Method Blank	Total/NA	Water	8260D	
LCS 580-503745/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 580-503745/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC Semi VOA

Prep Batch: 503076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-1 - RA	MW-314	Total/NA	Water	3510C	
580-153994-2 - RA	MW-313	Total/NA	Water	3510C	
580-153994-3 - RA	MW-315	Total/NA	Water	3510C	
MB 580-503076/1-A - RA	Method Blank	Total/NA	Water	3510C	
LCS 580-503076/2-A - RA	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-503076/3-A - RA	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 504136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-1 - RA	MW-314	Total/NA	Water	NWTPH-Dx	503076
580-153994-2 - RA	MW-313	Total/NA	Water	NWTPH-Dx	503076

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QC Association Summary

Client: GHD Services Inc.

Job ID: 580-153994-1

Project/Site: 12631170, Shell, Triton West Consent Decree

GC Semi VOA (Continued)

Analysis Batch: 504136 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-153994-3 - RA	MW-315	Total/NA	Water	NWTPH-Dx	503076
MB 580-503076/1-A - RA	Method Blank	Total/NA	Water	NWTPH-Dx	503076
LCS 580-503076/2-A - RA	Lab Control Sample	Total/NA	Water	NWTPH-Dx	503076
LCSD 580-503076/3-A - RA	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	503076

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-314

Date Collected: 09/09/25 09:40

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	503517	AA	EET SEA	09/17/25 19:28
Total/NA	Analysis	NWTPH-Gx		1	503513	TL1	EET SEA	09/17/25 19:28
Total/NA	Prep	3510C	RA		503076	J1H	EET SEA	09/12/25 10:15
Total/NA	Analysis	NWTPH-Dx	RA	1	504136	SW	EET SEA	09/23/25 19:40

Client Sample ID: MW-313

Date Collected: 09/09/25 10:10

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	503517	AA	EET SEA	09/17/25 19:51
Total/NA	Analysis	NWTPH-Gx		1	503513	TL1	EET SEA	09/17/25 19:51
Total/NA	Prep	3510C	RA		503076	J1H	EET SEA	09/12/25 10:15
Total/NA	Analysis	NWTPH-Dx	RA	1	504136	SW	EET SEA	09/23/25 20:00

Client Sample ID: MW-315

Date Collected: 09/09/25 10:35

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	503517	AA	EET SEA	09/17/25 20:14
Total/NA	Analysis	NWTPH-Gx		1	503513	TL1	EET SEA	09/17/25 20:14
Total/NA	Prep	3510C	RA		503076	J1H	EET SEA	09/12/25 10:15
Total/NA	Analysis	NWTPH-Dx	RA	1	504136	SW	EET SEA	09/23/25 20:20

Client Sample ID: MW-312

Date Collected: 09/09/25 11:10

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	503517	AA	EET SEA	09/17/25 20:36
Total/NA	Analysis	NWTPH-Gx		1	503513	TL1	EET SEA	09/17/25 20:36

Client Sample ID: MW-311

Date Collected: 09/09/25 11:40

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	503517	AA	EET SEA	09/17/25 20:59
Total/NA	Analysis	NWTPH-Gx		10	503513	TL1	EET SEA	09/17/25 20:59

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: TX-03A

Date Collected: 09/09/25 12:10

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	503517	AA	EET SEA	09/17/25 21:21
Total/NA	Analysis	NWTPH-Gx		10	503513	TL1	EET SEA	09/17/25 21:21

Client Sample ID: MW-307

Date Collected: 09/10/25 08:05

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	503517	AA	EET SEA	09/17/25 21:44
Total/NA	Analysis	NWTPH-Gx		10	503513	TL1	EET SEA	09/17/25 21:44

Client Sample ID: MW-308

Date Collected: 09/10/25 08:35

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	503745	JBT	EET SEA	09/19/25 09:53
Total/NA	Analysis	NWTPH-Gx		5	503740	JBT	EET SEA	09/19/25 09:53

Client Sample ID: MW-310

Date Collected: 09/10/25 09:25

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	503596	JBT	EET SEA	09/18/25 11:30
Total/NA	Analysis	NWTPH-Gx		10	503591	JBT	EET SEA	09/18/25 11:30

Client Sample ID: MW-304

Date Collected: 09/10/25 10:08

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	503596	JBT	EET SEA	09/18/25 07:37
Total/NA	Analysis	8260D	DL	10	503745	JBT	EET SEA	09/19/25 11:26
Total/NA	Analysis	NWTPH-Gx		1	503591	JBT	EET SEA	09/18/25 07:37

Client Sample ID: MW-303

Date Collected: 09/10/25 10:35

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	503596	JBT	EET SEA	09/18/25 11:54
Total/NA	Analysis	NWTPH-Gx		10	503591	JBT	EET SEA	09/18/25 11:54

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Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Client Sample ID: MW-301

Date Collected: 09/10/25 11:05

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	503745	JBT	EET SEA	09/19/25 11:03
Total/NA	Analysis	NWTPH-Gx		10	503740	JBT	EET SEA	09/19/25 11:03

Client Sample ID: MW-302

Date Collected: 09/10/25 11:40

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	503646	K1K	EET SEA	09/18/25 20:53
Total/NA	Analysis	NWTPH-Gx		5	503642	K1K	EET SEA	09/18/25 20:53

Client Sample ID: TB-1

Date Collected: 09/10/25 09:00

Date Received: 09/10/25 13:15

Lab Sample ID: 580-153994-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	503488	AA	EET SEA	09/17/25 00:33
Total/NA	Analysis	NWTPH-Gx		1	503484	AA	EET SEA	09/17/25 00:33

Laboratory References:

EET SEA = Eurofins Seattle, 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: 580-153994-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4167	07-07-26
Washington	State	C788	07-13-26

1
2
3
4
5
6
7
8
9
10
11
12

Sample Summary

Client: GHD Services Inc.
Project/Site: 12631170, Shell, Triton West Consent Decree

Job ID: 580-153994-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
580-153994-1	MW-314	Water	09/09/25 09:40	09/10/25 13:15	Washington
580-153994-2	MW-313	Water	09/09/25 10:10	09/10/25 13:15	Washington
580-153994-3	MW-315	Water	09/09/25 10:35	09/10/25 13:15	Washington
580-153994-4	MW-312	Water	09/09/25 11:10	09/10/25 13:15	Washington
580-153994-5	MW-311	Water	09/09/25 11:40	09/10/25 13:15	Washington
580-153994-6	TX-03A	Water	09/09/25 12:10	09/10/25 13:15	Washington
580-153994-7	MW-307	Water	09/10/25 08:05	09/10/25 13:15	Washington
580-153994-8	MW-308	Water	09/10/25 08:35	09/10/25 13:15	Washington
580-153994-9	MW-310	Water	09/10/25 09:25	09/10/25 13:15	Washington
580-153994-10	MW-304	Water	09/10/25 10:08	09/10/25 13:15	Washington
580-153994-11	MW-303	Water	09/10/25 10:35	09/10/25 13:15	Washington
580-153994-12	MW-301	Water	09/10/25 11:05	09/10/25 13:15	Washington
580-153994-13	MW-302	Water	09/10/25 11:40	09/10/25 13:15	Washington
580-153994-14	TB-1	Water	09/10/25 09:00	09/10/25 13:15	Washington

LAB (LOCATION)

☐ ACQUEST ()
☐ CALSCIENCE ()
☐ TESTAMEICA ()
☐ Other ()

Lab Vendor # Dropdown

Please Check Appropriate Box:
☐ SGW FDG ☐ PIPELINE ☐ RETAIL
☐ CHEMICALS ☐ CONSULTANT ☐ LUBES
☐ TRANSPORTATION ☐ OTHER



Shell Oil Products US Chain Of Custody Record

Print Bill To Contact Name:

Planet Site or Project ID

CHECK IF NO INCIDENT # APPLIES
DATE: 9/10/25
PAGE: 1 of 2

Blaine Tech Services, Inc

1680 Rogers Ave, San Jose, CA, 95112

BTSS

SITE ADDRESS: Street and City
2555 13th Avenue

State
WA

PHONE NO.: (425) 327-4585
E-MAIL: emily.blakeway@qhd.com

PROJECT CONTRACT (Hardcopy or PDF Report to)

Emily Blakeway

emily.blakeway@qhd.com

Time Rice

TELEPHONE: (425) 327-4585
FAX:

TURNDOWN TIME (CALENDAR DAYS):
☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:

☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

Field Sample Identification

LAB ID	DATE	TIME	MATRIX	PRESERVATIVE				NO. OF CONT.	UNIT COST	REQUESTED ANALYSIS	NON-UNIT COST	FIELD NOTES:
				HCL	HNO3	H2SO4	NONE					
1	MW-314	9/9/25 0940	GW	X				12	X			
2	MW-313	1010		X				12	X			
3	MW-315	1035		X				12	X			
4	MW-312	1110		X				12	X			
5	MW-311	1140		X				12	X			
6	TX-03A	1210		X				12	X			
7	MW-307	9/10/25 0805	GW	X				12	X			
8	MW-308	0835		X				12	X			
9	MW-310	0925		X				12	X			
10	MW-304	1008		X				12	X			

Requisitioned by (Signature)

Received by (Signature)

Term ID: 11 Cor: 3.7 Unc: 3.6
Cooler Desc: LB
Filling: UPS: FedEx: Lab Cour: Other: CD
Due (Wed) Melted Dry None
Date: 9/10/25 Time: 1315



580-153994 COC



580-153994 Chain of Custody

LAB (LOCATION)

Please Check Appropriate Box:	
☐ ACCUSTE ()	☐ PIPELINE
☐ CALSCIENCE ()	☐ RETAIL
☒ TESTAMERICA ()	☐ CHEMICALS
☐ Other ()	☐ CONSULTANT
	☐ LUBES
	☐ TRANSPORTATION
	☐ OTHER



Shell Oil Products US Chain Of Custody Record

Print Bill To Contact Name:	PlanNet Site or Project ID	☐ CHECK IF NO INCIDENT # APPLIES
PO #	GSAP Project ID	DATE: <u>9/10/25</u>
		PAGE: <u>2</u> of <u>2</u>

STATUS LINE COMPANY:		LOG CODE:		SITE ADDRESS: Street and City		State		GHD Project / Task Number:	
Blaine Tech Services, Inc		BTSS		2555 13th Avenue		WA		12631170	
ADDRESS:		1680 Rogers Ave, San Jose, CA, 95112		EHP DELIVERABLE TO (Name, Company, Office Location):		PHONE NO.:		E-MAIL:	
PROJECT CONTACT (Handkey or Page Respond to)				Emily Blakeway, GHD, WA		(425) 327-4585		emily.blakeway@ghd.com	
								GHD Order ID	

TELEPHONE: (425) 327-4585		FAX:		EMail: Emly Blakeway		SAMPLE NAME(S) (Ptho):	
TURNAROUND TIME (CALENDAR DAYS): ☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS		Bill To Contact E-MAIL: emly.blakeway@qhnd.com		RESULTS NEEDED ☐ ON WEEKEND		LAB USE ONLY	
UNIT COST		REQUESTED ANALYSIS		NON-UNIT COST		(Ptho)	

[illegible][illegible]

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 580-153994-1

Login Number: 153994

List Number: 1

Creator: Swartz, Simon

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	

Attachment 2

Data Quality Review Report



Data Verification Report

October 10, 2025

To	Emily Blakeway	Project No.	12631170
Copy to	File	DVR No.	08
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 580-153994-1 Quarterly Groundwater Sampling Triton West Consent Decree Seattle, Washington September 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 September 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 document entitled "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-20-005, November 2020.

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 report 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.

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), 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)/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/LCSD were analyzed at a minimum frequency of one per analytical batch.

The LCS/LCSD contained all analytes of interest. All LCS/LCSD recoveries and RPD values were within the associated control limits, demonstrating acceptable analytical accuracy and precision.

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

The laboratory did not report any detected concentrations below the laboratory's reporting limit (RL). Non-detect results were presented as non-detect at the RL 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
September 2025

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>			Comments
					VOCs	GRO	DRO/ORO	
MW-301	MW-301	Water	09/10/2025	11:05	X	X		
MW-302	MW-302	Water	09/10/2025	11:40	X	X		
MW-303	MW-303	Water	09/10/2025	10:35	X	X		
MW-304	MW-304	Water	09/10/2025	10:08	X	X		
MW-307	MW-307	Water	09/10/2025	08:05	X	X		
MW-308	MW-308	Water	09/10/2025	08:35	X	X		
MW-310	MW-310	Water	09/10/2025	09:25	X	X		
MW-311	MW-311	Water	09/09/2025	11:40	X	X		
MW-312	MW-312	Water	09/09/2025	11:10	X	X		
MW-313	MW-313	Water	09/09/2025	10:10	X	X	X	
MW-314	MW-314	Water	09/09/2025	09:40	X	X	X	
MW-315	MW-315	Water	09/09/2025	10:35	X	X	X	
TX-03A	TX-03A	Water	09/09/2025	12:10	X	X		
TB-1	--	Water	09/10/2025	--	X	X		Trip Blank

Notes:

- VOCs - Volatile Organic Compounds
GRO - Gasoline Range Organics
DRO/ORO - Diesel Range Organics/Motor Oil Range Organics
-- - Not Applicable

Table 2

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

Location ID:	MW-301	MW-302	MW-303	MW-304	MW-307	MW-308
Sample Name:	MW-301	MW-302	MW-303	MW-304	MW-307	MW-308
Sample Date:	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025

Parameters	Unit						
Volatile Organic Compounds							
Benzene	mg/L	0.463	0.0572	0.260	0.164	0.0558	0.00628
Ethylbenzene	mg/L	0.00500 U	0.00250 U	0.127	0.00165	0.00500 U	0.00250 U
Toluene	mg/L	0.0154	0.00342 J	0.00981 J	0.0102	0.00900 J	0.00195 U
Xylenes (total)	mg/L	0.0168 J	0.00631 J	0.0166 J	0.0368	0.0242	0.00265 U
Total Petroleum Hydrocarbons							
Gasoline	mg/L	1.84	0.976	2.51	2.54	2.23	0.444 J
Motor oil	mg/L	--	--	--	--	--	--
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	--	--	--	--	--	--

Table 2

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

Location ID:	MW-310	MW-311	MW-312	MW-313	MW-314	MW-315	TX-03A
Sample Name:	MW-310	MW-311	MW-312	MW-313	MW-314	MW-315	TX-03A
Sample Date:	09/10/2025	09/09/2025	09/09/2025	09/09/2025	09/09/2025	09/09/2025	09/09/2025

Parameters	Unit							
Volatile Organic Compounds								
Benzene	mg/L	0.0286	0.00265 J	0.00598	0.000240 U	0.000240 U	0.0389	0.166
Ethylbenzene	mg/L	0.00500 U	0.00500 U	0.00131	0.000500 U	0.000500 U	0.000603 J	0.00500 U
Toluene	mg/L	0.00786 J	0.00390 U	0.00208	0.000390 U	0.000547 J	0.00309	0.00888 J
Xylenes (total)	mg/L	0.0174 J	0.00530 U	0.00211	0.000530 U	0.000858 J	0.00314	0.0133 J
Total Petroleum Hydrocarbons								
Gasoline	mg/L	1.10 J	4.72	5.69	0.0730 U	0.491	6.61	3.34
Motor oil	mg/L	--	--	--	0.213 J	0.421	0.428	--
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/L	--	--	--	0.156 J	1.23	4.45	--

Notes:

U - Not detected at the associated concentration

J - Estimated concentration

"--" Not analyzed

DRO - Diesel Range Organics

Table 3

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

Parameter	Method	Matrix
Volatile Organic Compounds (VOCs)	SW-846 8260D ⁽¹⁾	Water
Gasoline Range Organics (GRO)	NWTPH-Gx ⁽²⁾	Water
Diesel Range Organics (DRO)/Motor Oil Range Organics (ORO)	NWTPH-Dx ⁽²⁾	Water

Method References:

- (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