

First Semi-Annual 2025 Groundwater Monitoring Report

Cowlitz Food & Fuel
Former Chevron Facility #211556
101 Mulford Road, Toledo, WA

Chevron Environmental Management Company

December 18, 2025

December 18, 2025

Our Reference
 60743836

Mr. Steve Teel
 Washington State Department of Ecology
 (Ecology)
 Southwest Regional Office, Toxics
 Cleanup Program
 Post Office Box 47775
 Olympia, Washington 98504-7775

Subject: First Semi-Annual 2025 Groundwater Monitoring Report for Former Chevron Facility #211556, 101 Mulford Road, Toledo, Washington

Dear Mr. Teel,

On behalf of Chevron Environmental Management Company (CEMC), AECOM is pleased to submit this First Semi-Annual 2025 Groundwater Monitoring Report for the following facility (site):

<u>Former Facility Number</u>	<u>Location</u>	<u>Agreed Order Number</u>	<u>Ecology Cleanup Site Identification</u>
211556	101 Mulford Road Toledo, Washington	DE 21413	7025

Work Performed During This Reporting Period (First Semi-Annual Monitoring Event of 2025)

Semi-annual groundwater gauging and monitoring activities were conducted by Blaine Tech Services, Inc. (BTS) on April 1, 2025; due to a field error well B-2 was sampled on April 10, 2025. Field activities included well gauging and groundwater sampling using low-flow methods. Groundwater samples were submitted to the project laboratory for analysis.

Nine monitoring wells (MW-109, MW-110, MW-112 through MW-114, and B-1 through B-4) were gauged using an oil/water interface probe on April 1, 2025, and four monitoring wells (MW-112, MW-113, B-2 [on April 10, 2025], and B-3) were purged and sampled by BTS representatives. B-4 was not sampled due to the presence of light non-aqueous phase liquid (LNAPL), and MW-111 was not gauged or sampled, as it was submerged in water and could not be accessed.

The groundwater monitoring field data sheets and general field procedures are included in **Attachment A**. The site location and layout are shown on **Figures 1 and 2**, respectively.

Groundwater and Light Non-Aqueous Phase Liquid Gauging

The groundwater gradient and flow direction were calculated using gauging data collected on April 1 and 10, 2025 (**Tables 1 and 2**). Groundwater flow was generally to the southeast at a hydraulic gradient of 0.0029 feet per foot as calculated between B-2 and MW-112 (**Figure 3**). The flow direction and gradient are generally consistent with previous 1st Semi-Annual monitoring event (Arcadis 2024),

Due to the re-emergence of LNAPL in November 2022, from what was determined to be a new release of premium-grade gasoline (Ecology 2024), gauging is being conducted to monitor the presence and extent of LNAPL. Measurable quantities of LNAPL have been detected in wells B-4, MW-110, and MW-111 following this release (**Table 2**). During the first semi-annual 2025 monitoring event LNAPL was observed in only on-site well B-4 (0.11 feet), although it should be noted that MW-111 was inaccessible and, therefore, could not be gauged. LNAPL was measured

to be 0.10 feet thick at B-4 during the October 2024 monitoring event, indicating that the LNAPL thickness remains relatively stable at this well (**Tables 1 and 2**).

Groundwater and LNAPL gauging data obtained during the First Semi-Annual 2025 monitoring event are summarized in **Table 1**. Historical groundwater and LNAPL gauging data are summarized in **Tables 2**.

Groundwater Sampling and Analytical Results

Groundwater samples were collected via low-flow methods using a peristaltic pump with disposable polyethylene tubing. Samples were submitted to the project laboratory, Eurofins Seattle in Tacoma, Washington, under standard chain-of-custody protocol. The samples were analyzed for the following constituents of concern (COCs):

- Total Petroleum Hydrocarbon Gasoline-range organics (TPH-GRO) by Northwest Method NWTPH-Gx,
- Total Petroleum Hydrocarbon Diesel-range organics (TPH-DRO) and heavy oil-range organics (TPH-HRO) by Northwest Method NWTPH-Dx,
- Benzene, toluene, ethylbenzene, and total xylenes (collectively known as BTEX) by United States Environmental Protection Agency (USEPA) Method 8260D, and
- Dissolved lead by USEPA Method 6020B.

A duplicate sample was collected from B-3 and analyzed for TPH-GRO, DRO, HRO, BTEX, and dissolved lead. The analytical results for the duplicate sample were generally consistent with the primary sample (**Table 1**).

Purge water generated during this sampling event was containerized and transported off-site by BTS for disposal.

Analytical data are presented on **Figure 4** and summarized in **Table 1**. A copy of the laboratory analytical report and chain-of-custody documentation is included as **Attachment B**. Analytical results for the groundwater samples are summarized below and compared against Model Toxics Control Act WAC 173-340 (MTCA) Method A Cleanup Levels (CULs).

Various COCs were detected at B-2, MW-112, and MW-113 at low concentrations below the applicable CULs. Exceedances of CULs were only detected at B-3, as summarized below:

- TPH-GRO: 18,000 micrograms per liter ($\mu\text{g/L}$);
- TPH-DRO: 2,400 $\mu\text{g/L}$;
- Benzene: 30 $\mu\text{g/L}$; and
- Total Xylenes: 1,700 $\mu\text{g/L}$.

Conclusions

The First Semi-Annual 2025 groundwater monitoring results are summarized as follows:

Groundwater flow is generally to the south/southeast at a gradient of approximately 0.0029 feet per foot, consistent with prior data.

- LNAPL was encountered in well B-4, which is consistent with the previous monitoring results. The presence of LNAPL in MW-111 could not be assessed because of the well being submerged by surface water.
- Concentrations of TPH-GRO, TPH-DRO, benzene, and total xylenes detected at well B-3 exceeded the MTCA Method A CULs.
- AECOM will continue to perform semi-annual monitoring of select constituents at select wells until: (1) at least four consecutive rounds of samples have been analyzed and used to conduct trend analyses and results of the analyses show decreasing trends; or (2) the COC concentrations are measured below the MTCA Method A CULs at wells for four consecutive rounds of sampling.

- The next semi-annual groundwater monitoring event was completed in September 2025.
- The planned station upgrades anticipated to occur in the spring of 2026 include removal and replacement of the existing USTs, which will allow an extensive excavation to be performed to remove the majority of the remaining contamination in accordance with Agreed Order No. DE 21413.

Remarks/Signatures

The interpretations in this report represent AECOM's professional opinions and are based, in part, on the information supplied by previous consultants, AECOM field personnel, AECOM subcontractors, and laboratories. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at the site location and time of this report preparation. Other than this, no warranty is implied or intended.

Closing

AECOM appreciates the opportunity to provide you with assistance on this project. If you have any questions, please contact Todd Williams at todd.williams@aecom.com.

Yours sincerely,



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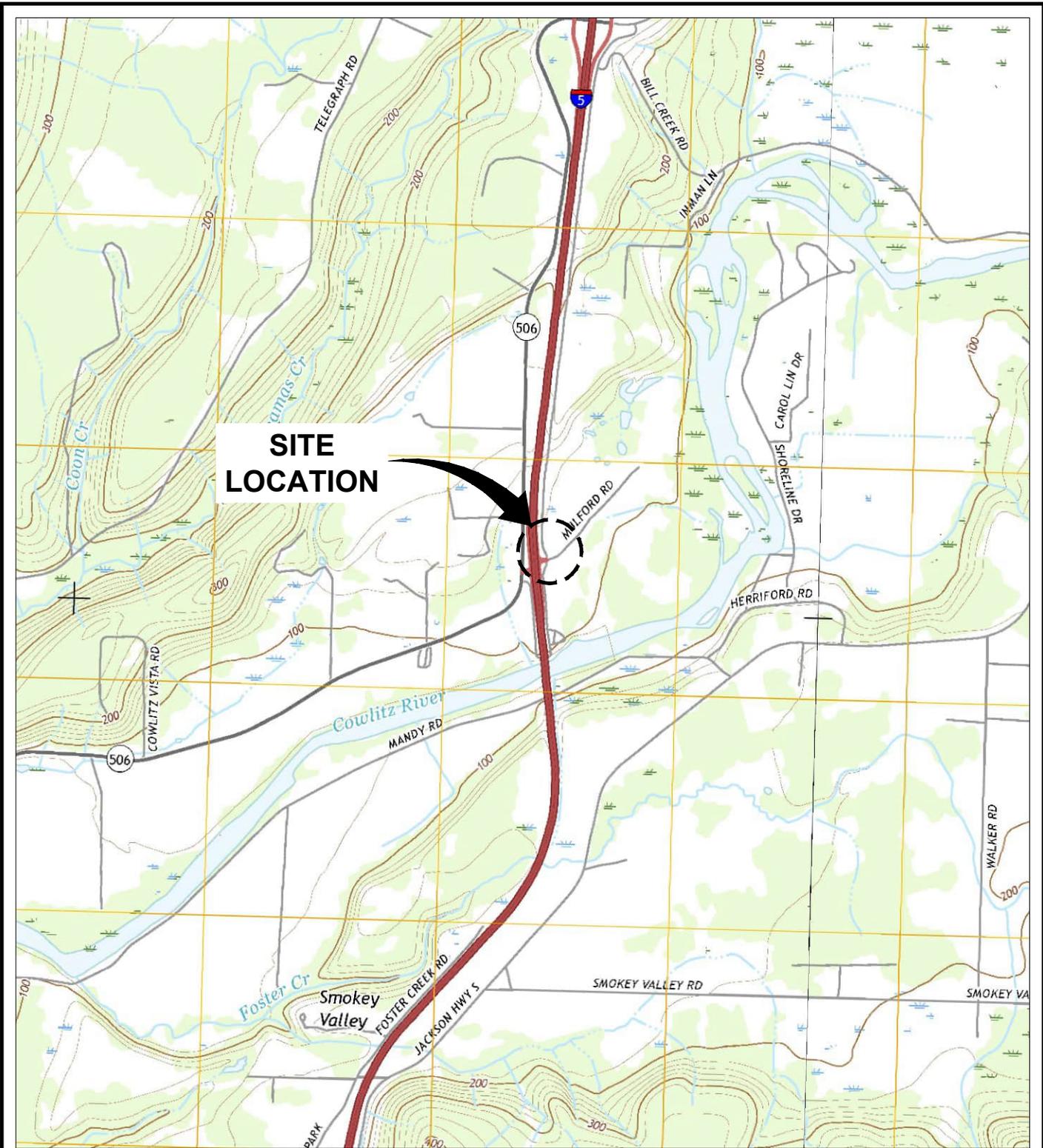


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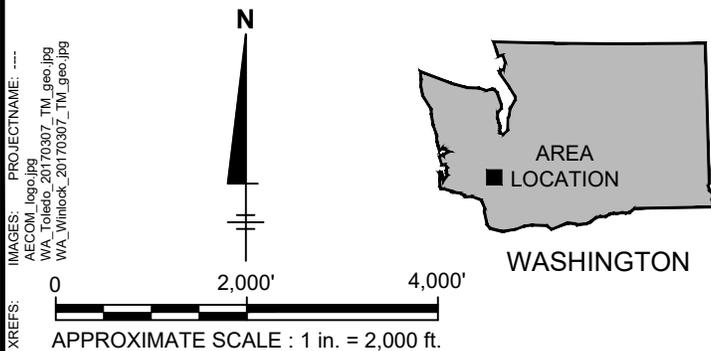
E: renee.knecht@aecom.com

enclosures: Figure 1 - Site Location Map
Figure 2 - Site Plan
Figure 3 - Groundwater Elevation Contours, April 1 and 10, 2025
Figure 4 - Groundwater Analytical Data, April 1 and 10, 2025
Table 1 - Current Groundwater Gauging and Select Analytical Results
Table 2 - Historical Groundwater Gauging Data and Select Analytical Results
Attachment A - Field Data Sheets and General Procedures
Attachment B - Laboratory Report and Chain-of Custody Documentation

cc: Aubrey Waddail, P.G, Remediation Operations Specialist, Chevron Asset Retirement: awaddail@chevron.com



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., WINLOCK, WA, 2017 AND TOLEDO, WA, 2017.

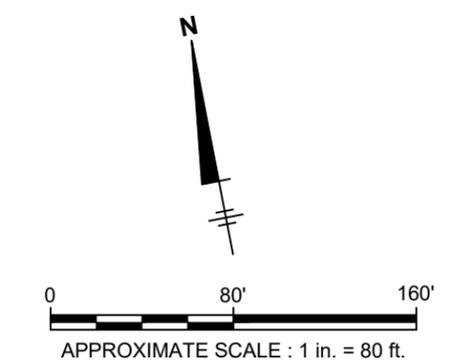


COWLITZ BP / COWLITZ FOOD AND FUEL / FORMER TEXACO SERVICE STATION #211556 101 MULFORD ROAD TOLEDO, WASHINGTON	
SITE LOCATION MAP	
AECOM	FIGURE 1

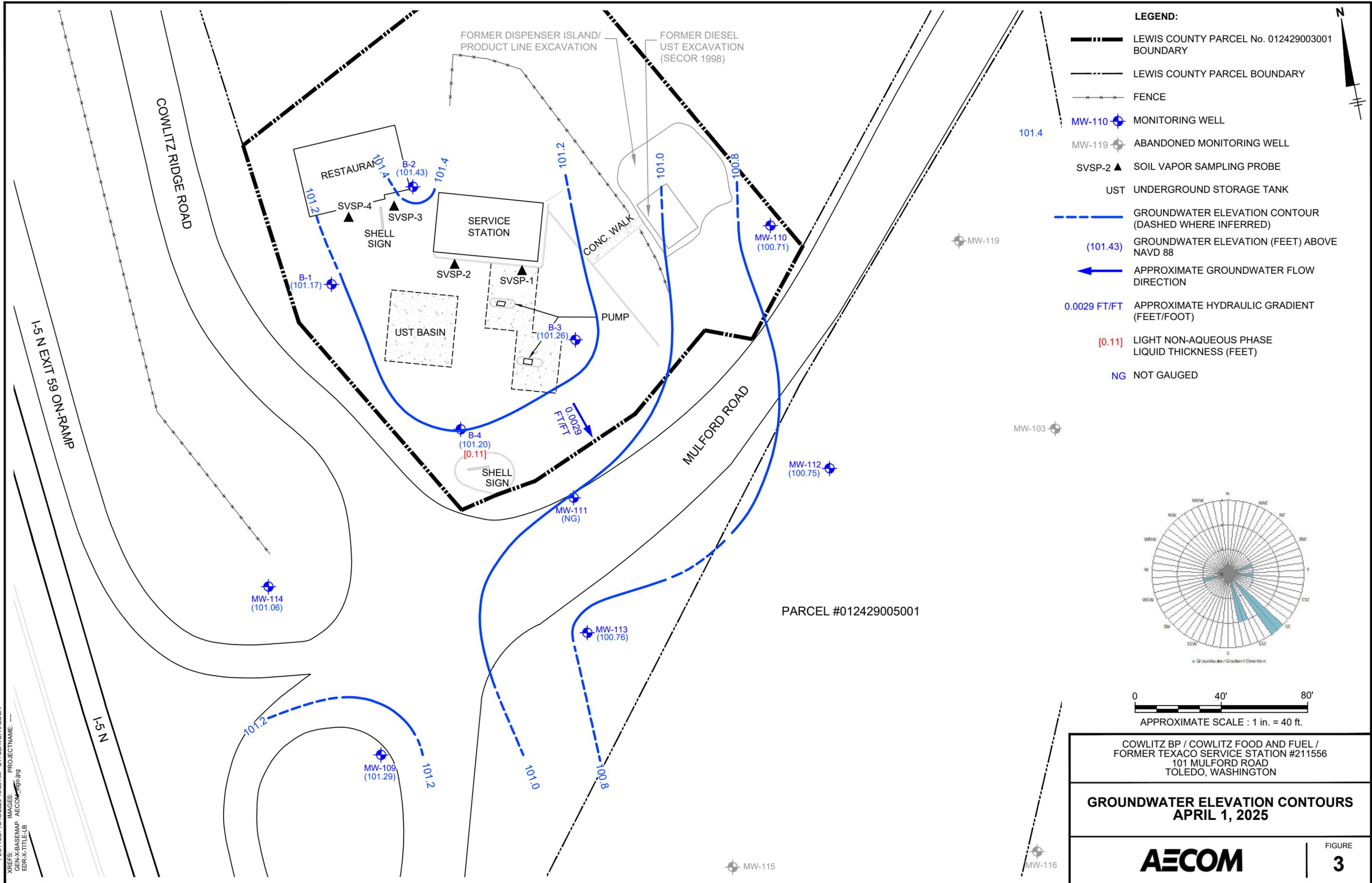
C:\Users\Slave\AECOM\Chevron North America - Chevron 300\Project Documents\WA Non-PLIA\211566 - Toledo\900_CAD_GIS\910_CAD\GMMR 102025\GEN\F02\SITE PLAN.dwg LAYOUT: 2 SAVED: 5/2/2025 1:01 PM ACADVER: 25.05 (LMS TECH) PAGES: 1 PLOTSTYLETABLE: ---- PLOTTED: 10/15/2025 1:02 PM BY: SLAVE, RALUCA
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- LEGEND:**
- LEWIS COUNTY PARCEL No. 012429003001 BOUNDARY
 - LEWIS COUNTY PARCEL BOUNDARY
 - FENCE
 - MW-110 MONITORING WELL
 - MW-108 ABANDONED MONITORING WELL
 - SVSP-2 SOIL VAPOR SAMPLING PROBE
 - UST UNDERGROUND STORAGE TANK



COWLITZ BP / COWLITZ FOOD AND FUEL / FORMER TEXACO SERVICE STATION #211566 101 MULFORD ROAD TOLEDO, WASHINGTON	
SITE LAYOUT	
	FIGURE 2



COWLITZ BP / COWLITZ FOOD AND FUEL / FORMER TEXACO SERVICE STATION #211556
 101 MULFORD ROAD
 TOLEDO, WASHINGTON

**GROUNDWATER ELEVATION CONTOURS
 APRIL 1, 2025**

AECOM | FIGURE 3

Table 1. Current Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/SGT	TPH-HRO	TPH-HRO w/SGT	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MTCA Method A CULs						800/1,000	500	500	500	500	5	1,000	700	1,000	20	15	
MW-109	4/1/2025	107.35	6.06	0.00	101.29	--	--	--	--	--	--	--	--	--	--	--	Well removed from sampling program - gauging Only
MW-110	4/1/2025	108.89	8.18	0.00	100.71	--	--	--	--	--	--	--	--	--	--	--	Well removed from sampling program - gauging Only
MW-111	4/1/2025	107.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well submerged in water, unable to access
MW-112	4/1/2025	107.58	6.83	0.00	100.75	<73	160 J	--	<140	--	<0.030	<0.050	<0.082	0.23 J	--	0.17 J B	
MW-113	4/1/2025	108.44	7.68	0.00	100.76	<73	<99	--	<140	--	0.068 J B	<0.050	<0.082	<0.23	--	0.083 J B	
MW-114	4/1/2025	106.89	5.83	0.00	101.06	--	--	--	--	--	--	--	--	--	--	--	Well removed from sampling program - gauging Only
B-1	4/1/2025	107.74	6.57	0.00	101.17	--	--	--	--	--	--	--	--	--	--	--	
B-2*	4/10/2025	108.99	7.56	0.00	101.43	<73	<96	--	<140	--	0.058 J B	<0.050	<0.082	<0.23	--	0.18 J B	
B-3	4/1/2025	108.46	7.20	0.00	101.26	18,000	2,400	--	150 J	--	30	580	390	1,700	--	1.0 B	
B-3 [DUP]	4/1/2025	--	--	--	--	16,000	2,400	--	140 J	--	17	380	250	1,400	--	0.96 B	
B-4	4/1/2025	107.68	6.57	0.11	101.20	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to the presence of LNAPL

Notes:
 800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L
BOLD and highlighted values exceed their respective MTCA Method A cleanup level
BOLD are non-detects values, laboratory RDL (Reported Detection Limit) greater than the MTCA Method A CUL; LNAPL thickness greater than 0.00 ft
 Laboratory analytical data and MTCA Method A CULs are presented in micrograms per liter (µg/L)
 If LNAPL is present, GWE is corrected according to the following formula (TOC elevation - DTW) + (0.8 x LNAPL thickness)
 * = Depth to water for well B-2 presented here and on Figure 3 was collected on 4/1/2025; samples for analytical analysis were collected on 4/10/2025

Abbreviations:
 -- = Not applicable, not available, or not analyzed
 CUL = Cleanup Level
 DTW = Depth to water in feet below TOC
 DUP = Blind duplicate sample
 GWE = Groundwater elevation in feet relative to North American Vertical Datum of 1988 (NAVD88)
 MTBE = Methyl tertiary butyl ether
 MTCA = Model Toxics Control Act Cleanup, February 2025
 LNAPL = Light non-aqueous phase liquid thickness in feet
 TOC = Top of casing in feet relative to NAVD88
 w/SGT = with Silica Gel Treatment

Laboratory Qualifiers:
 < = Not detected at or above the laboratory Reporting Limit (RL) or Limit of Quantification (LOQ)
 B = The same analyte is found in the associated blank.
 J = Estimated value; result is greater than the laboratory Method Detection Limit (MDL) but less than the RL or LOQ.

Analytical Methods:
 Samples analyzed by USEPA Method 8260D
 BTEX = benzene, toluene, ethylbenzene, and total xylenes
 TPH-GRO = Total Petroleum Hydrocarbons as Gasoline Range Organics analyzed by NWTPH-Gx
 Samples analyzed by NWTPH-Dx
 TPH-DRO = Total Petroleum Hydrocarbon as Diesel Range Organics
 TPH-HRO = Total Petroleum Hydrocarbons as Heavy Oil Range Organics
 If the result for TPH-DRO or TPH-HRO without SGT is less than the RL, SGT is not performed.
 Dissolved Lead analyzed by USEPA 6020B

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
						800/1,000	500	500	500	500	5	1,000	700	1,000	20	15	MTCA Method A CULs
MW-103	02/14/1991	107.81	8.08	--	99.73	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	02/18/1992	107.81	8.08	--	99.73	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	03/09/1992	107.81	7.80	--	100.01	--	--	--	--	<50	--	--	--	--	--	--	--
MW-103	03/13/1992	107.81	8.08	--	99.73	<50	--	<250	--	<250	--	--	--	--	--	--	--
MW-103	04/21/1992	107.81	7.78	--	100.03	<50	--	--	--	--	--	--	--	--	--	--	--
MW-103	03/03/1994	107.81	--	--	--	<50	--	<250	--	<250	<13	--	--	--	--	--	--
MW-103	06/13/1995	107.81	8.55	--	99.26	<50	--	<250	--	<250	--	--	--	--	--	--	<3.0
MW-103	08/22/1995	107.81	--	--	--	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	08/23/1995	107.81	8.91	--	98.90	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	11/28/1995	107.81	7.30	--	100.51	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	03/12/1996	107.81	8.03	--	99.78	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	06/26/1996	107.81	8.67	--	99.14	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	10/09/1996	107.81	8.82	--	98.99	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	02/12/1997	107.81	7.81	--	100.00	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	04/22/1997	107.81	7.42	--	100.39	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	08/05/1997	107.81	8.83	--	98.98	257	--	257	--	110	--	--	--	--	--	--	<2.0
MW-103	11/11/1997	107.81	9.01	--	98.80	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	02/11/1998	107.81	8.03	--	99.78	<50	--	<250	--	<250	--	--	--	--	--	--	<2.0
MW-103	05/28/1998	107.81	8.17	--	99.64	<50	--	<250	--	<250	--	--	--	--	--	--	2.84
MW-103	08/20/1998	107.81	9.21	--	98.60	<50	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	11/19/1998	107.81	9.03	--	98.78	<50	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	03/11/1999	107.81	7.51	--	100.30	<50	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	05/25/1999	107.81	8.51	--	99.30	<50	--	<250	--	<250	--	--	--	--	--	--	--
MW-103	08/17/1999	107.81	8.93	--	98.88	<50	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	11/19/1999	107.81	7.18	--	100.63	<80	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	03/09/2000	107.81	7.48	--	100.33	<80	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	06/13/2000	107.81	8.29	--	99.52	<80	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	09/26/2000	107.81	9.05	--	98.76	--	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	12/13/2000	107.81	8.65	--	99.16	--	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	02/28/2001	107.81	8.34	--	99.47	89	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	05/02/2001	107.81	8.12	--	99.69	214	--	<250	--	<250	--	--	--	--	--	--	<1.0
MW-103	12/30/2003	107.81	7.32	0.00	100.49	<110	--	<50	--	<85	<0.5	<0.5	<0.5	<1.5	--	--	<1.2
MW-103	07/20/2004	107.81	9.09	0.00	98.72	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--
MW-103	10/07/2004	107.81	8.66	0.00	99.15	--	--	<160	--	<50	--	--	--	--	--	--	--
MW-103	01/27/2005	107.81	7.95	0.00	99.86	<48	--	<83	--	<83	--	--	--	--	--	--	--
MW-103	04/12/2005	107.81	7.65	0.00	100.16	<48	--	<78	--	<78	--	--	--	--	--	--	--
MW-103	07/18/2005	107.81	8.76	0.00	99.05	<48	--	<79	--	<79	--	--	--	--	--	--	--
MW-103	10/21/2005	107.81	8.87	0.00	98.94	<48	--	<79	--	<79	--	--	--	--	--	--	--
MW-103	08/12/2010	107.81	8.90	0.00	98.91	<50	--	30	--	120	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-103	11/3-4/2010	107.81	7.69	0.00	100.12	<50	--	<29	--	91	<0.5	<0.5	<0.5	<0.5	<0.5	0.17	LFP
MW-103	2/3-4/2011	107.81	7.99	0.00	99.82	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-103	05/24/2011	107.81	8.25	0.00	99.56	<50	--	30	--	340	<0.5	<0.5	<0.5	<0.5	<0.5	0.13	LFP
MW-103	11/7-9/2011	107.81	8.90	0.00	98.91	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-103	2/6-8/2012	107.81	7.80	0.00	100.01	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-103	5/2-4/2012	107.81	8.05	0.00	99.76	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.083	LFP
MW-103	8/1-3/2012	107.81	8.95	0.00	98.86	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.088	LFP
MW-103	11/26-28/2012	107.81	7.36	0.00	100.45	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
MW-103	2/4-6/2013	107.81	7.85	0.00	99.96	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.087	LFP
MW-103	5/6-8/2013	107.81	8.60	0.00	99.21	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.13	LFP
MW-103	9/9-13/2013	107.81	8.55	0.00	99.26	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-103	11/18-21/2013	107.81	7.62	0.00	100.19	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.21	LFP
MW-103	2/4-11/2014	107.81	8.36	0.00	99.45	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-103	6/12-14/2014	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	8/18-21/2014	107.81	6.81	0.00	101.00	62	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.18	LFP
MW-103	11/19-20/2014	107.81	8.41	0.00	99.40	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-103	2/17-20/2015	107.81	7.83	0.00	99.98	<50	<29	<29	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-103	5/11-15/2015	107.81	8.77	0.00	99.04	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-103	8/10-11/2015	107.81	9.35	0.00	98.46	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP
MW-103	11/16-18/2015	107.81	6.67	0.00	101.14	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.00	LFP
MW-103	5/13-14/2016	107.81	8.60	0.00	99.21	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-103	11/14/2016	107.81	7.83	0.00	99.98	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-103	05/14/2017	107.81	7.87	0.00	99.94	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-103	11/11-12/2017	107.81	7.93	0.00	99.88	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-103	05/11/2018	107.81	8.56	0.00	99.25	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-103	11/11-12/2018	107.81	8.91	0.00	98.90	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-103	04/27/2019	107.81	8.29	0.00	99.52	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-103	11/03/2019	107.81	8.55	0.00	99.26	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-103	Nov 2019	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Abandoned
MW-109	03/13/1992	107.35	7.72	0.00	99.63	<50	--	--	--	--	--	--	--	--	--	--	
MW-109	04/21/1992	107.35	7.42	0.00	99.93	--	--	--	--	--	--	--	--	--	--	--	
MW-109	03/03/1994	107.35	--	--	--	4,900	--	900	--	1,500	--	--	--	--	--	--	
MW-109	08/22/1995	107.35	8.57	0.00	98.78	<50	--	2,900	--	2,400	--	--	--	--	--	--	
MW-109	11/28/1995	107.35	5.87	0.00	101.48	72	--	480	--	1,900	--	--	--	--	--	--	<2.0
MW-109	03/12/1996	107.35	7.16	0.00	100.19	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-109	06/26/1996	107.35	8.24	0.00	99.11	<50	--	554	--	<750	--	--	--	--	--	--	<2.0
MW-109	10/09/1996	107.35	8.54	0.00	98.81	<50	--	405	--	<750	--	--	--	--	--	--	<2.0
MW-109	02/12/1997	107.35	5.82	0.00	101.53	<50	--	393	--	1,290	--	--	--	--	--	--	<2.0
MW-109	04/22/1997	107.35	7.10	0.00	100.25	<50	--	356	--	1,270	--	--	--	--	--	--	<2.0
MW-109	08/05/1997	107.35	8.81	0.00	98.54	<50	--	560	--	1,690	--	--	--	--	--	--	<2.0
MW-109	11/11/1997	107.35	7.57	0.00	99.78	<50	--	269	--	780	--	--	--	--	--	--	<2.0
MW-109	02/11/1998	107.35	6.20	0.00	101.15	<50	--	387	--	1,700	--	--	--	--	--	--	<2.0
MW-109	05/28/1998	107.35	7.62	0.00	99.73	<50	--	332	--	920	--	--	--	--	--	--	2.25
MW-109	08/20/1998	107.35	9.00	0.00	98.35	<50	--	520	--	1,450	--	--	--	--	--	--	<1.0
MW-109	11/19/1998	107.35	8.21	0.00	99.14	<50	--	409	--	1,130	--	--	--	--	--	--	<1.3
MW-109	03/11/1999	107.35	6.94	0.00	100.41	<80	--	539	--	2,000	--	--	--	--	--	--	<1.0
MW-109	05/25/1999	107.35	8.13	0.00	99.22	<80	--	916	--	--	--	--	--	--	--	--	--
MW-109	08/17/1999	107.35	8.66	0.00	98.69	<80	--	1,520	--	7,770	--	--	--	--	--	--	<1.0
MW-109	11/19/1999	107.35	6.65	0.00	100.70	<80	--	<250	--	--	--	--	--	--	--	--	<1.0
MW-109	03/09/2000	107.35	5.67	0.00	101.68	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-109	06/13/2000	107.35	6.65	0.00	100.70	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-109	09/26/2000	107.35	8.36	0.00	98.99	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-109	12/13/2000	107.35	7.72	0.00	99.63	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-109	02/28/2001	107.35	7.44	0.00	99.91	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-109	05/02/2001	107.35	9.50	0.00	97.85	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-109	10/30/2002	107.35	8.69	0.00	98.66	<80	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	--	6.44
MW-109	10/31/2003	107.35	7.63	0.00	99.72	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	--	<1.0
MW-109	12/31/2003	107.35	6.42	0.00	100.93	2,300	--	<50	--	440	<0.5	<0.5	<0.5	<1.5	--	--	<1.2
MW-109	10/06/2004	107.35	7.71	0.00	99.64	<50	--	<81	--	110	--	--	--	--	--	--	--
MW-109	10/24/2005	107.35	7.93	0.00	99.42	<48	--	<81	--	<100	--	--	--	--	--	--	--
MW-109	09/05/2007	107.35	8.45	0.00	98.90	91	--	<79	--	240	--	--	--	--	--	--	0.15
MW-109	5/27-28/2008	107.35	7.86	0.00	99.49	<50	--	<79	--	<98	<0.5	0.6	<0.5	<0.5	<0.5	<0.050	<0.050
MW-109	8/27-29/2008	107.35	7.92	0.00	99.43	<50	--	<79	--	<99	<5	<5	<5	<5	<5	<0.050	LFP
MW-109	11/17-19/2008	107.35	6.60	0.00	100.75	<50	--	35	--	110	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-109	2/16-18/2009	107.35	7.59	0.00	99.76	<50	--	53	--	130	<0.5	<0.5	<0.5	<0.5	<0.5	0.093	LFP
MW-109	5/4-6/2009	107.35	7.09	0.00	100.26	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-109	8/19-21/2009	107.35	8.35	0.00	99.00	<50	--	49	--	290	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
MW-109	11/18-20/2009	107.35	5.74	0.00	101.61	<50	--	98	--	340	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
MW-109	2/8-10/2010	107.35	7.04	0.00	100.31	<50	--	31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-109	5/12-13/2010	107.35	7.41	0.00	99.94	<50	--	60	--	270	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-109	08/11/2010	107.35	8.90	0.00	98.45	<50	--	34	--	300	<0.5	<0.5	<0.5	<0.5	<0.5	0.1	LFP
MW-109	11/3-4/2010	107.35	6.37	0.00	100.98	<50	--	65	--	430	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-109	2/3-4/2011	107.35	7.12	0.00	100.23	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-109	05/23/2011	107.35	7.26	0.00	100.09	<50	--	47	--	520	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-109	8/23-24/11	107.35	8.35	0.00	99.00	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-109	11/7-9/2011	107.35	8.00	0.00	99.35	84	--	<300	--	890	<0.5	<0.5	0.6	<0.5	<0.5	0.19	LFP
MW-109	2/6-8/2012	107.35	6.85	0.00	100.50	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-109	5/2-4/2012	107.35	6.90	0.00	100.45	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-109	8/1-3/2012	107.35	8.13	0.00	99.22	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034	LFP
MW-109	11/26-28/2012	107.35	6.42	0.00	100.93	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
MW-109	2/4-6/2013	107.35	6.95	0.00	100.40	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-109	5/6-8/2013	107.35	7.35	0.00	100.00	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-109	9/9-13/2013	107.35	7.34	0.00	100.01	<50	<31	<31	<72	<72	<0.5	<0.5	<0.5	<0.5	<0.5	0.62	LFP
MW-109	11/18-22/2013	107.35	8.12	0.00	99.23	<50	68	<29	170	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-109	2/4-11/2014	107.35	7.33	0.00	100.02	<50	<30	<30	<70	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.20	LFP
MW-109	6/12-14/2014	107.35	7.31	0.00	100.04	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	--	Insufficient water to collect lead sample
MW-109	8/18-21/14	107.35	9.93	0.00	97.42	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water
MW-109	11/19-20/2014	107.35	7.38	0.00	99.97	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-109	2/17-20/2015	107.35	6.91	0.00	100.44	<50	<30	<30	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-109	5/11-15/2015	107.35	7.29	0.00	100.06	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-109	8/10-11/2015	107.35	8.62	0.00	98.73	<50	130	<29	640	210	<0.5	<0.5	<0.5	<0.5	<0.5	136	LFP
MW-109	11/16-18/2015	107.35	5.34	0.00	102.01	<50	36	<28	97	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.0028	LFP
MW-109	5/13-14/2016	107.35	7.76	0.00	99.59	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP
MW-109	11/14/2016	107.35	6.40	0.00	100.95	<50	77	<28	65	<65	<0.5	<0.5	<0.5	<0.5	<0.5	0.55	LFP
MW-109	05/14/2017	107.35	6.70	0.00	100.65	<50	45	<28	260	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.090	LFP
MW-109	11/11-12/2017	107.35	6.61	0.00	100.74	<50	<30	<30	<70	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.40	LFP
MW-109	05/11/2018	107.35	7.38	0.00	99.97	<50	<28	31	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11	LFP
MW-109	11/11-12/2018	107.35	7.47	0.00	99.88	<19	40	<28	260	96	<0.2	<0.2	<0.4	<1	<1	<1.1	LFP
MW-109	04/27/2019	107.35	7.28	0.00	100.07	<19	97	<30	<67	<67	<0.2	<0.2	<0.4	<1	<1	<1.1	LFP
MW-109	11/03/2019	107.35	7.49	0.00	99.86	<19	41 J	<30	95 J	<68	<0.2	<0.2	<0.4	<1	<1	29.4	LFP
MW-109	05/06/2020	107.35	7.50	0.00	99.85	51.3 B J	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	<1	<5.00	LFP
MW-109	11/7/2020	107.35	6.62	0.00	100.73	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	05/24/2021	107.35	7.94	0.00	99.41	35.0 BJ	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	Well Removed from Sampling Program - Gauging Only
MW-109	11/29/2021	107.35	6.60	0.00	100.75	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	05/23/2022	107.35	7.05	0.00	100.30	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	11/29/2022	107.35	7.19	0.00	100.16	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	01/20/2023	107.35	6.35	0.00	101.00	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	05/15/2023	107.35	7.01	0.00	100.34	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	11/29/2023	107.35	8.52	0.00	98.83	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	05/02/2024	107.35	7.44	0.00	99.91	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-109	10/31/2024	107.35	7.26	0.00	100.09	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	08/22/1995	108.89	9.62	0.00	99.27	11,000	--	400	--	<750	--	--	--	--	--	--	
MW-110	11/28/1995	108.89	8.08	0.00	100.81	6,000	--	540	--	<750	--	--	--	--	--	14	
MW-110	03/12/1996	108.89	8.74	0.00	100.15	3,600	--	340	--	<750	--	--	--	--	--	14	
MW-110	06/26/1996	108.89	9.41	0.00	99.48	2,750	--	274	--	<750	--	--	--	--	--	8.14	
MW-110	10/09/1996	108.89	9.67	0.00	99.22	1,160	--	<250	--	<750	--	--	--	--	--	5.96	
MW-110	02/12/1997	108.89	8.42	0.00	100.47	1,830	--	393	--	<750	--	--	--	--	--	11.7	
MW-110	04/22/1997	108.89	8.18	0.00	100.71	1,950	--	371	--	<750	--	--	--	--	--	7.27	
MW-110	08/05/1997	108.89	9.80	0.00	99.09	1,480	--	282	--	<750	--	--	--	--	--	3.16	
MW-110	11/11/1997	108.89	8.57	0.00	100.32	2,330	--	659	--	<750	--	--	--	--	--	22.9	
MW-110	02/11/1998	108.89	8.54	0.00	100.35	2,040	--	390	--	<750	--	--	--	--	--	15.3	
MW-110	05/28/1998	108.89	8.69	0.00	100.20	1,350	--	324	--	<750	--	--	--	--	--	15.5	
MW-110	08/20/1998	108.89	10.91	0.00	97.98	812	--	<250	--	<750	--	--	--	--	--	1.55	
MW-110	11/19/1998	108.89	9.51	0.00	99.38	637	--	258	--	<750	--	--	--	--	--	7.27	
MW-110	03/11/1999	108.89	8.09	0.00	100.80	2,350	--	486	--	<500	--	--	--	--	--	11	
MW-110	05/25/1999	108.89	9.28	0.00	99.61	2,950	--	<250	--	<250	--	--	--	--	--	--	
MW-110	08/17/1999	108.89	9.81	0.00	99.08	749	--	<250	--	<500	--	--	--	--	--	2.2	
MW-110	11/19/1999	108.89	7.77	0.00	101.12	2,030	--	453	--	--	--	--	--	--	--	32.4	
MW-110	03/09/2000	108.89	8.15	0.00	100.74	3,780	--	<250	--	<500	--	--	--	--	--	9.59	
MW-110	06/13/2000	108.89	8.81	0.00	100.08	2,330	--	<250	--	<500	--	--	--	--	--	5.45	
MW-110	09/26/2000	108.89	9.98	0.00	98.91	--	--	<250	--	<500	--	--	--	--	--	2.83	
MW-110	12/13/2000	108.89	9.37	0.00	99.52	1,340	--	<250	--	<500	--	--	--	--	--	4.15	
MW-110	02/28/2001	108.89	9.07	0.00	99.82	1,800	--	<250	--	<500	--	--	--	--	--	6.32	
MW-110	05/02/2001	108.89	8.62	0.00	100.27	905	--	<250	--	<500	--	--	--	--	--	4.23	
MW-110	10/30/2002	108.89	10.28	0.00	98.61	3,880	--	<250	--	<500	<2.50	<2.50	22.5	108	--	6.36	
MW-110	01/23/2003	108.89	8.74	0.00	100.15	1,190	--	<250	--	<500	0.902	0.585	9.83	13.9	--	26.5	
MW-110	04/18/2003	108.89	8.40	0.00	100.49	499	--	<250	--	<500	1.94	<0.500	0.799	1.65	--	16.8	
MW-110	07/11/2003	108.89	9.99	0.00	98.90	586	--	<250	--	<500	1.76	<0.500	1.08	1.11	--	2.115	
MW-110	10/31/2003	108.89	9.25	0.00	99.64	184	--	<250	--	<500	0.529	<0.500	<0.500	<1.0	--	<1.0	
MW-110	12/31/2003	108.89	7.94	0.00	100.95	<99	--	<99	--	410	<2.0	23	25	--	--	17.3	
MW-110	05/03/2004	108.89	9.56	0.00	99.33	454	--	<250	--	<500	1.8	<0.500	<0.500	<1.0	--	3.865	
MW-110	07/20/2004	108.89	10.03	0.00	98.86	308	--	<250	--	<500	0.893	<0.500	<0.500	<1.0	--	<1.0	
MW-110	10/06/2004	108.89	9.38	0.00	99.51	160	--	<79	--	<99	--	--	--	--	--	--	
MW-110	01/27/2005	108.89	8.65	0.00	100.24	150	--	<81	--	<100	--	--	--	--	--	--	
MW-110	04/12/2005	108.89	8.22	0.00	100.67	290	--	<370	--	<100	--	--	--	--	--	--	
MW-110	07/18/2005	108.89	9.50	0.00	99.39	100	--	<79	--	<99	--	--	--	--	--	--	
MW-110-DUP	07/18/2005	108.89	9.50	0.00	99.39	100	--	<79	--	<99	--	--	--	--	--	--	
MW-110	10/20/2005	108.89	9.62	0.00	99.27	110	--	82	--	100	--	--	--	--	--	--	
MW-110	09/04/2007	108.89	10.08	0.00	98.81	290	--	<150	--	220	--	--	--	--	--	5	
MW-110	5/27-28/2008	108.89	9.52	0.00	99.37	210	--	<76	--	<96	<0.5	<0.5	9	0.7	<0.5	9.1	LFP
MW-110	8/27-29/2008	108.89	9.60	0.00	99.29	240	--	120	--	<100	<5	<5	<5	<5	<5	1.5	LFP
MW-110	11/17-19/2008	108.89	8.17	0.00	100.72	150	--	410	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	34.1	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-110	2/16-18/2009	108.89	9.23	0.00	99.66	<50	--	58	--	170	<0.5	<0.5	<0.5	<0.5	<0.5	27.7	LFP
MW-110	5/4-6/2009	108.89	8.60	0.00	100.29	96	--	380	--	670	<0.5	<0.5	<0.5	<0.5	<0.5	5.4	LFP
MW-110	8/19-21/2009	108.89	9.98	0.00	98.91	69	--	<30	--	76	<0.5	<0.5	<0.5	<0.5	<0.5	0.63	LFP
MW-110	11/18-20/2009	108.89	6.97	0.00	101.92	670	--	200	--	<67	<0.5	<0.5	2	<0.5	<0.5	5	LFP
MW-110	2/8-10/2010	108.89	8.64	0.00	100.25	<50	--	51	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	12.5	LFP
MW-110	5/12-13/2010	108.89	9.08	0.00	99.81	<50	--	39	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	4.2	LFP
MW-110	08/11/2010	108.89	9.75	0.00	99.14	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.4	LFP
MW-110	11/3-4/2010	108.89	8.15	0.00	100.74	<50	--	49	--	98	<0.5	<0.5	<0.5	<0.5	<0.5	2.5	LFP
MW-110	2/3-4/2011	108.89	8.77	0.00	100.12	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.72	LFP
MW-110	05/24/2011	108.89	8.90	0.00	99.99	<50	--	<29	--	180	<0.5	<0.5	<0.5	<0.5	<0.5	0.43	LFP
MW-110	8/23-24/11	108.89	9.96	0.00	98.93	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.62	LFP
MW-110	11/7-9/2011	108.89	9.30	0.00	99.59	95	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-110	2/6-8/2012	108.89	8.40	0.00	100.49	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-110	5/2-4/2012	108.89	8.40	0.00	100.49	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	0.23	LFP
MW-110	8/1-3/2012	108.89	8.46	0.00	100.43	<50	--	50	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.093	LFP
MW-110	11/26-28/2012	108.89	7.95	0.00	100.94	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.30	LFP
MW-110	2/4-6/2013	108.89	8.38	0.00	100.51	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-110	5/6-8/2013	108.89	9.52	0.00	99.37	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.23	LFP
MW-110	9/9-13/2013	108.89	9.03	0.00	99.86	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.39	LFP
MW-110	11/18-21/2013	108.89	8.22	0.00	100.67	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.33	LFP
MW-110	2/4-11/2014	108.89	8.98	0.00	99.91	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.16	LFP
MW-110	6/12-14/2014	108.89	9.50	0.00	99.39	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-110	8/18-21/14	108.89	8.53	0.00	100.36	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
MW-110	11/19-20/2014	108.89	9.08	0.00	99.81	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.94	LFP
MW-110	2/17-20/2015	108.89	8.39	0.00	100.50	<50	<30	<30	<70	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-110	5/11-15/2015	108.89	9.51	0.00	99.38	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.46	LFP
MW-110	8/10-11/2015	108.89	10.23	0.00	98.66	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.88	LFP
MW-110	11/16-18/2015	108.89	6.54	0.00	102.35	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.00	LFP
MW-110	5/13-14/2016	108.89	9.04	0.00	99.85	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/14/2016	108.89	8.21	0.00	100.68	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	05/14/2017	108.89	8.40	0.00	100.49	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/11-12/2017	108.89	8.44	0.00	100.45	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	05/11/2018	108.89	9.12	0.00	99.77	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/11-12/2018	108.89	9.30	0.00	99.59	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	04/27/2019	108.89	8.93	0.00	99.96	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/03/2019	108.89	9.15	0.00	99.74	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	05/05/2020	108.89	9.15	0.00	99.74	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/7/2020	108.89	8.27	0.00	100.62	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	05/24/2021	108.89	9.61	0.00	99.28	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/29/2021	108.89	8.19	0.00	100.70	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	05/23/2022	108.89	8.67	0.00	100.22	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/29/2022	108.89	8.79	0.00	100.10	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	01/20/2023	108.89	7.96	0.00	100.93	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	05/15/2023	108.89	9.00	0.00	99.89	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	11/29/2023	108.89	10.19	0.00	98.70	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	05/02/2024	108.89	9.13	0.00	99.76	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-110	10/31/2024	108.89	9.32	0.00	99.57	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-111	08/22/1995	107.12	7.86	0.00	99.26	33,000	--	360	--	<750	--	--	--	--	--	--	
MW-111	11/28/1995	107.12	6.14	0.00	100.98	17,000	--	640	--	<750	--	--	--	--	--	10	
MW-111	03/12/1996	107.12	6.84	0.00	100.28	11,000	--	290	--	<750	--	--	--	--	--	7.6	
MW-111	06/26/1996	107.12	7.55	0.00	99.57	7,690	--	479	--	<750	--	--	--	--	--	4.8	
MW-111	10/09/1996	107.12	7.81	0.00	99.31	3,560	--	256	--	<750	--	--	--	--	--	4.7	
MW-111	02/12/1997	107.12	6.52	0.00	100.60	17,200	--	631	--	<750	--	--	--	--	--	8.7	
MW-111	04/22/1997	107.12	6.31	0.00	100.81	13,800	--	920	--	<750	--	--	--	--	--	5.3	
MW-111	08/05/1997	107.12	7.90	0.00	99.22	4,290	--	444	--	<750	--	--	--	--	--	3.5	
MW-111	11/11/1997	107.12	6.70	0.00	100.42	14,300	--	770	--	<750	--	--	--	--	--	12.4	
MW-111	02/11/1998	107.12	6.65	0.00	100.47	13,600	--	587	--	<750	--	--	--	--	--	8.3	
MW-111	05/28/1998	107.12	6.89	0.00	100.23	11,200	--	526	--	<750	--	--	--	--	--	16.6	
MW-111	08/20/1998	107.12	9.08	0.00	98.04	5,950	--	637	--	<750	--	--	--	--	--	1.7	
MW-111	11/19/1998	107.12	7.60	0.00	99.52	10,500,000	--	3,890	--	<750	--	--	--	--	--	2.2	
MW-111	01/22/1999	107.12	5.36	0.00	101.76	19,000	--	--	--	--	--	--	--	--	--	--	
MW-111	03/11/1999	107.12	6.19	0.00	100.93	6,910	--	611	--	<500	--	--	--	--	--	6.3	
MW-111	05/25/1999	107.12	7.43	0.00	99.69	8,500	--	388	--	--	--	--	--	--	--	4.2	
MW-111	08/17/1999	107.12	7.98	0.00	99.14	17,600	--	547	--	<500	--	--	--	--	--	3	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-111	11/19/1999	107.12	5.87	0.00	101.25	27,900	--	547	--	--	--	--	--	--	--	14.4	
MW-111	03/09/2000	107.12	6.27	0.00	100.85	20,800	--	12,400	--	646	--	--	--	--	--	11.8	
MW-111	06/13/2000	107.12	6.91	0.00	100.21	29,600	--	7,670	--	<500	--	--	--	--	--	12.8	
MW-111	09/26/2000	107.12	8.37	0.00	98.75	--	--	--	--	--	--	--	--	--	--	--	
MW-111	12/13/2000	107.12	7.65	0.00	99.47	23,100	--	13,800	--	<500	--	--	--	--	--	4.1	
MW-111	02/28/2001	107.12	7.26	0.00	99.86	16,400	--	3,740	--	<500	--	--	--	--	--	5.6	
MW-111	05/02/2001	107.12	6.89	0.00	100.23	17,700	--	7,530	--	<500	--	--	--	--	--	10.7	
MW-111	10/30/2002	107.12	8.70	0.28	98.64	--	--	--	--	--	--	--	--	--	--	--	
MW-111	01/23/2003	107.12	6.99	0.04	100.16	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL
MW-111	04/18/2003	107.12	6.89	0.06	100.28	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL
MW-111	07/11/2003	107.12	8.25	0.07	98.93	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL
MW-111	10/31/2003	107.12	7.48	0.03	99.66	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL
MW-111	12/31/2003	107.12	6.40	0.00	100.72	300	--	50,000	--	2,800	8.3	6.5	1,100	3,300	--	15.2	
MW-111	05/03/2004	107.12	7.79	0.03	99.35	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL
MW-111	07/20/2004	107.12	8.16	0.06	99.01	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL
MW-111	10/06/2004	107.12	7.54	0.00	99.58	5,700	--	240	--	<100	--	--	--	--	--	--	
MW-111	01/27/2005	107.12	6.79	0.00	100.33	8,800	--	310	--	<98	--	--	--	--	--	--	
MW-111-DUP	01/27/2005	107.12	6.79	0.00	100.33	9,100	--	310	--	<98	--	--	--	--	--	--	
MW-111	04/12/2005	107.12	6.32	0.00	100.80	10,000	--	820	--	<100	--	--	--	--	--	--	
MW-111-DUP	04/12/2005	107.12	6.32	0.00	100.80	10,000	--	850	--	<110	--	--	--	--	--	--	
MW-111	07/18/2005	107.12	7.75	0.00	99.37	6,300	--	460	--	<96	--	--	--	--	--	--	
MW-111	10/20/2005	107.12	7.84	0.00	99.28	--	--	--	--	--	--	--	--	--	--	--	
MW-111	09/04/2007	107.12	8.26	0.00	98.86	6,800	--	1,100	--	<220	--	--	--	--	--	2.8	
MW-111	09/04/2007	107.12	--	--	--	<50	--	<81	--	<100	--	--	--	--	--	<0.047	
MW-111	5/27-28/2008	107.12	7.64	0.00	99.48	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to Obstruction in Well @ 7 Feet
MW-111	8/27-29/2008	107.12	7.71	0.00	99.41	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to Obstruction in Well @ 7 Feet
MW-111	11/17-19/2008	107.12	6.27	0.00	100.85	18,000	--	2,300	--	<1,400	3	<1	300	220	<1	36.8	LFP
MW-111	2/16-18/2009	107.12	7.36	0.00	99.76	20,000	--	350	--	74	4	2	190	110	<1	8.5	LFP
MW-111	5/4-6/2009	107.12	6.62	0.00	100.50	13,000	--	1,200	--	<70	8	2	220	120	<0.5	20.1	LFP
MW-111	8/19-21/2009	107.12	8.12	0.00	99.00	11,000	--	780	--	<70	4	0.6	180	130	<0.5	5.3	LFP
MW-111	11/18-20/2009	107.12	5.42	0.00	101.70	4,700	--	400	--	<68	5	0.7	53	21	<0.5	6.3	LFP
MW-111	2/08-10/2010	107.12	6.79	0.00	100.33	19,000	--	2,700	--	<140	16	1	270	110	<0.5	18.8	LFP
MW-111	5/11-13/2010	107.12	7.25	0.00	99.87	21,000	--	3,400	--	380	10	1	300	110	<1	22.6	LFP
MW-111	08/11/2010	107.12	7.92	0.00	99.20	9,200	--	1,300	--	<700	4	<1	220	55	<1	20.2	LFP
MW-111	11/3-4/2010	107.12	6.12	0.00	101.00	7,000	--	1,700	--	640	4	<1	160	68	<1	29.5	LFP
MW-111	2/3-4/2011	107.12	6.91	0.00	100.21	14,000	--	2,800	--	<340	10	0.9	250	72	<0.5	19.9	LFP
MW-111	05/24/2011	107.12	7.03	0.00	100.09	2,700	--	500	--	130	<0.5	<0.5	65	15	<0.5	2.8	LFP
MW-111	8/23-24/11	107.12	9.16	0.00	97.96	6,900	--	1,600	--	<69	3	<0.5	130	11	<0.5	12.2	LFP
MW-111	11/7-9/2011	107.12	7.85	0.00	99.27	20,000	--	4,700	--	<730	1	<1	140	26	<1	45.8	LFP
MW-111	2/6-8/2012	107.12	6.55	0.00	100.57	5,100	--	690	--	110	5	<0.5	140	<0.5	<0.5	22.1	LFP
MW-111	5/2-4/2012	107.12	6.50	0.00	100.62	4,400	--	420	--	<68	5	0.7	170	23	<0.5	8.9	LFP
MW-111	8/1-3/2012	107.12	7.93	0.00	99.19	6,900	--	620	--	140	0.6	<0.5	<0.5	12	<0.5	22.9	LFP
MW-111	11/26-28/2012	107.12	6.07	0.00	101.05	5,200	--	15,000	--	<0.5	4	<0.5	140	32	<0.5	36.1	LFP
MW-111	2/4-6/2013	107.12	6.53	0.00	100.59	7,500	--	2,300	--	710	<3	<3	120	24	<0.5	17.8	LFP
MW-111	5/6-8/2013	107.12	7.46	0.00	99.66	5,500	--	300	--	<67	2	<0.5	100	13	<0.5	16.6	LFP
MW-111	9/9-13/2013	107.12	7.15	0.00	99.97	5,500	3,600	330	89	<66	1	<0.5	110	39	<0.5	59.4	LFP
MW-111	11/18-22/2013	107.12	6.42	0.00	100.70	3,300	1,000	370	<66	<66	0.9	<0.5	77	13	<0.5	17.8	LFP
MW-111	2/4-11/2014	107.12	7.11	0.00	100.01	4,800	1,000	410	<68	<68	1	<0.5	75	7	<0.5	27.3	LFP
MW-111	6/12-14/2014	107.12	7.70	0.00	99.42	4,200	1,200	380	83	<67	2	<0.5	130	14	<0.5	16.1	LFP
MW-111	8/18-21/14	107.12	8.07	0.00	99.05	4,700	1,400	310	100	<67	1	<0.5	49	1	<0.5	1.09	LFP
MW-111	11/19-20/2014	107.12	6.47	0.00	100.65	6,000	1,800	430	320	<69	2	<0.5	120	11	<0.5	45.3	LFP
MW-111	2/17-20/2015	107.12	6.57	0.00	100.55	3,600	730	230	180	<68	1	<0.5	44	3	<0.5	14.3	LFP
MW-111	5/11-15/2015	107.12	9.02	0.00	98.10	4,400	1,000	320	<66	<66	1	<0.5	71	5	<0.5	0.0202	LFP
MW-111	8/10-11/2015	107.12	8.43	0.00	98.69	4,500	2,700	470	93	<67	<3	<3	31	6	<3	12.5	LFP
MW-111	11/16-18/2015	107.12	4.59	0.00	102.53	1,900	450	150	270	<67	<0.5	<0.5	9	1	<0.5	0.0078	LFP
MW-111	5/13-14/2016	107.12	8.95	0.00	98.17	4,200	1,200	350	1,600	680	<0.5	<0.5	19	2	--	7.8	LFP
MW-111	11/14/2016	107.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Locate - Well Under Puddle
MW-111	05/14/2017	107.12	6.37	0.00	100.75	9,200	1,200	490	1,400	630	1	<0.5	46	3	--	10.3	LFP
MW-111	11/11-12/2017	107.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Locate - Well Under Puddle
MW-111	05/11/2018	107.12	7.57	0.00	99.55	6,600	1,400	440	970	400	14	2	45	3	<0.5	13.8	LFP
MW-111	11/11-12/2018	107.12	7.31	0.00	99.81	4,000	3,300	300	320	<68	3	0.6	33	3	--	92.8	LFP
MW-111	04/27/2019	107.12	7.11	0.00	100.01	5,800	1,800	900	1,900	1,100	3	0.6 J	29	2 J	--	17.8	LFP
MW-111	11/03/2019	107.12	7.31	0.00	99.81	4,500	2,100	250	970	400	1	0.3 J	20	2 J	--	49.4	LFP
MW-111	05/06/2020	107.12	7.60	0.00	99.52	37.8 B J	1,530	739	1,670	1,050	0.824 J	0.394 J	14	1.53 J	--	10.2	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments	
MW-111	11/7/2020	107.12	6.45	0.00	100.67	511	1,300	144 B J	2,980	494 B	<1.00	1.15	0.415 J	<3.00	--	1.84 J		
MW-111	05/24/2021	107.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Locate - Well Under Puddle	
MW-111	11/29/2021	107.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Locate - Well Under Puddle	
MW-111	05/23/2022	107.12	7.85	0.00	99.27	628	738	75.5 J	840	<250	0.131 J	<1.00	0.775 J	<3.00	--	4.82 J		
MW-111-DUP	05/23/2022	--	--	--	--	654	640	<200	380	<250	0.182 J	<1.00	0.764 J	<3.00	--	3.72 J		
MW-111	11/29/2022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to Locate - Well Under Puddle	
MW-111	01/20/2023	107.12	6.15	0.00	100.97	62,600	3,010	676	1,710	<250	2,610	17,300	1,070	5,650	--	10.7		
MW-111	05/15/2023	107.12	7.20	0.00	99.92	4,890	80.7 J	80.7 J	121 J	121 J	81.3 J	1,070	89.2 J	583 J	--	2.16 B		
MW-111	11/29/2023	107.12	7.21	0.00	99.91	19,500	1,740	573	687	158 J	<250	289	56.1 J	4,640	--	2.15		
MW-111	05/02/2024	107.12	7.31	0.05	99.85	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of LNAPL	
MW-111	10/31/2024	107.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well submerged in water, unable to access	
MW-112	08/22/1995	107.58	8.42	0.00	99.16	480	--	<250	--	<750	--	--	--	--	--	--		
MW-112	11/28/1995	107.58	6.73	0.00	100.85	150	--	<250	--	<750	--	--	--	--	--	--	5.8	
MW-112	03/12/1996	107.58	7.43	0.00	100.15	250	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-112	06/26/1996	107.58	8.12	0.00	99.46	63.8	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-112	10/09/1996	107.58	8.36	0.00	99.22	93.1	--	<250	--	<750	--	--	--	--	--	--	2.62	
MW-112	02/12/1997	107.58	7.11	0.00	100.47	1,250	--	322	--	<750	--	--	--	--	--	--	2.99	
MW-112	04/22/1997	107.58	6.85	0.00	100.73	323	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-112	08/05/1997	107.58	8.45	0.00	99.13	124	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-112	11/11/1997	107.58	7.26	0.00	100.32	112	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-112	02/11/1998	107.58	7.25	0.00	100.33	658	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-112	05/28/1998	107.58	7.46	0.00	100.12	713	--	315	--	<750	--	--	--	--	--	--	10.4	
MW-112	08/20/1998	107.58	9.64	0.00	97.94	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-112	11/19/1998	107.58	8.20	0.00	99.38	367	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-112	03/11/1999	107.58	6.79	0.00	100.79	1,370	--	<250	--	<500	--	--	--	--	--	--	1.42	
MW-112	05/25/1999	107.58	7.97	0.00	99.61	<80	--	<250	--	<500	--	--	--	--	--	--	--	
MW-112	08/17/1999	107.58	8.51	0.00	99.07	106	--	<250	--	<500	--	--	--	--	--	--	<1.6	
MW-112	11/19/1999	107.58	6.46	0.00	101.12	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-112	03/09/2000	107.58	6.85	0.00	100.73	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-112	06/13/2000	107.58	7.48	0.00	100.10	824	--	<250	--	<500	--	--	--	--	--	--	2.14	
MW-112	09/26/2000	107.58	8.66	0.00	98.92	--	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-112	12/13/2000	107.58	8.07	0.00	99.51	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-112	02/28/2001	107.58	7.77	0.00	99.81	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-112	05/02/2001	107.58	7.31	0.00	100.27	710	--	<250	--	<500	--	--	--	--	--	--	1.44	
MW-112	10/30/2002	107.58	8.95	0.00	98.63	95.7	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	2.63	
MW-112	01/23/2003	107.58	7.39	0.00	100.19	178	--	<250	--	<500	<0.500	<0.500	0.730	<1.00	--	--	<1.0	
MW-112	04/18/2003	107.58	7.28	0.00	100.30	93.4	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0	
MW-112	07/11/2003	107.58	8.68	0.00	98.90	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0	
MW-112	10/31/2003	107.58	8.04	0.00	99.54	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0	
MW-112	12/30/2003	107.58	6.62	0.00	100.96	<97	--	<50	--	<77	<0.5	<0.5	<0.5	<1.5	--	--	<1.2	
MW-112	05/03/2004	107.58	8.22	0.00	99.36	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0	
MW-112	07/20/2004	107.58	8.69	0.00	98.89	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	
MW-112	10/07/2004	107.58	8.06	0.00	99.52	<50	--	<82	--	<100	--	--	--	--	--	--	--	
MW-112	07/18/2005	107.58	8.26	0.00	99.32	<48	--	<77	--	<96	--	--	--	--	--	--	--	
MW-112	10/21/2005	107.58	8.25	0.00	99.33	48	--	<82	--	<100	48	--	--	--	--	--	--	
MW-112	09/05/2007	107.58	8.79	0.00	98.79	<50	--	<79	--	<99	--	--	--	--	--	--	0.52	
MW-112	5/27-28/2008	107.58	8.22	0.00	99.36	<50	--	<80	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	LFP
MW-112	8/27-29/2008	107.58	8.26	0.00	99.32	<50	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.92	LFP
MW-112	11/17-19/2008	107.58	6.87	0.00	100.71	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.057	LFP
MW-112	2/16-18/2009	107.58	7.92	0.00	99.66	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.51	LFP
MW-112	5/4-06/2009	107.58	7.26	0.00	100.32	380	--	120	--	<69	2	<0.5	<0.5	<0.5	<0.5	<0.5	2.1	LFP
MW-112	8/19-21/2009	107.58	8.67	0.00	98.91	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.27	LFP
MW-112	11/18-20/2009	107.58	5.58	0.00	102.00	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.36	LFP
MW-112	2/8-10/2010	107.58	7.35	0.00	100.23	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.46	LFP
MW-112	5/12-13/2010	107.58	7.77	0.00	99.81	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.58	LFP
MW-112	08/12/2010	107.58	8.45	0.00	99.13	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.29	LFP
MW-112	11/3-4/2010	107.58	6.85	0.00	100.73	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.19	LFP
MW-112	2/3-4/2011	107.58	8.21	0.00	99.37	<50	--	49	--	89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.56	LFP
MW-112	05/24/2011	107.58	7.58	0.00	100.00	<50	--	<29	--	270	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.49	LFP
MW-112	8/23-24/11	107.58	8.52	0.00	99.06	72	--	860	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.800	0.36	LFP
MW-112	11/7-9/2011	107.58	8.35	0.00	99.23	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	LFP
MW-112	2/6-8/2012	107.58	7.10	0.00	100.48	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-112	5/2-4/2012	107.58	7.20	0.00	100.38	68	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	LFP
MW-112	8/1-3/2012	107.58	8.45	0.00	99.13	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.39	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-112	11/26-28/2012	107.58	6.67	0.00	100.91	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	0.14	LFP
MW-112	2/4-6/2013	107.58	7.22	0.00	100.36	50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	LFP
MW-112	5/6-8/2013	107.58	8.00	0.00	99.58	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.47	LFP
MW-112	9/9-13/2013	107.58	7.71	0.00	99.87	<50	32	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.85	LFP
MW-112	11/18-22/2013	107.58	6.76	0.00	100.82	68	33	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.58	LFP
MW-112	2/4-11/2014	107.58	7.67	0.00	99.91	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.38	LFP
MW-112	8/18-21/14	107.58	8.63	0.00	98.95	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.36	LFP
MW-112	11/19-20/2014	107.58	7.71	0.00	99.87	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.13	LFP
MW-112	2/17-20/2015	107.58	7.33	0.00	100.25	<50	<30	<30	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.083	LFP
MW-112	5/11-15/2015	107.58	8.19	0.00	99.39	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.460	LFP
MW-112	8/10-11/2015	107.58	8.90	0.00	98.68	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.200	LFP
MW-112	11/16-18/2015	107.58	5.65	0.00	101.93	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.0014	LFP
MW-112	5/13-14/2016	107.58	8.18	0.00	99.40	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.13	LFP
MW-112	11/14/2016	107.58	6.90	0.00	100.68	<50	--	56	--	<70	<0.5	<0.5	<0.5	<0.5	--	0.33	LFP
MW-112	05/14/2017	107.58	7.05	0.00	100.53	150	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	0.56	LFP
MW-112	11/11-12/2017	107.58	6.99	0.00	100.59	95	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	0.27	LFP
MW-112	05/11/2018	107.58	7.82	0.00	99.76	<50	--	59	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.20	LFP
MW-112	11/11-12/2018	107.58	7.81	0.00	99.77	<19	--	<28	--	<66	<0.2	<0.2	<0.4	<1	--	<1.1	LFP
MW-112	04/27/2019	107.58	7.62	0.00	99.96	38 J	--	130	--	98 J	<0.2	<0.2	<0.4	<1	--	<1.1	LFP
MW-112	11/03/2019	107.58	7.82	0.00	99.76	38 J	--	60 J	--	<68	<0.2	<0.2	<0.4	<1	--	0.25 J	LFP
MW-112	05/06/2020	107.58	7.83	0.00	99.75	42.6 B J	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	LFP
MW-112	11/7/2020	107.58	6.94	0.00	100.64	183 B	<200	<200	131 J	<250	<1.00	<1.00	<1.00	<3.00	--	<5.00	LFP
MW-112	05/24/2021	107.58	8.21	0.00	99.37	61.1 B J	72.0 J	72.0 J	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	LFP
MW-112	11/29/2021	107.58	6.83	0.00	100.75	<100	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<6.00	LFP
MW-112	05/23/2022	107.58	7.33	0.00	100.25	107 B	132 J	132 J	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	LFP
MW-112	11/29/2022	107.58	7.47	0.00	100.11	3,470	<200	--	<250	--	33.0	734	31.9	140	--	<2.00	LFP
MW-112	01/20/2023	107.58	6.58	0.00	101.00	94.9 B J	<200	--	<250	--	17.5	<1.00	0.264 J	0.269 J	--	<2.00	LFP
MW-112	05/15/2023	107.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-112	11/29/2023	107.58	7.58	0.00	100.00	1,620	149 J	149 J	130 J	130 J	265	8.75	100	106	--	<2.00	LFP
MW-112	05/02/2024	107.58	7.76	0.00	99.82	3,550	261	--	190 J	--	842	48.0	280	627	--	<2.00	LFP
MW-112	10/31/2024	107.58	7.93	0.00	99.65	--	--	--	--	--	--	--	--	--	--	--	--
MW-112-DUP	10/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-113	08/22/1995	108.44	9.26	0.00	99.18	3,100	--	320	--	<750	--	--	--	--	--	--	--
MW-113	11/28/1995	108.44	7.55	0.00	100.89	180	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-113	03/12/1996	108.44	8.26	0.00	100.18	750	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-113	06/26/1996	108.44	8.95	0.00	99.49	809	--	<250	--	<750	--	--	--	--	--	2.43	--
MW-113	10/09/1996	108.44	9.21	0.00	99.23	494	--	<250	--	<750	--	--	--	--	--	2.95	--
MW-113	02/12/1997	108.44	7.93	0.00	100.51	1,600	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-113	04/22/1997	108.44	7.71	0.00	100.73	748	--	291	--	<750	--	--	--	--	--	<2.0	--
MW-113	08/05/1997	108.44	9.37	0.00	99.07	876	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-113	11/11/1997	108.44	8.04	0.00	100.40	<50	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-113	02/11/1998	108.44	8.02	0.00	100.42	76.10	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-113	05/28/1998	108.44	8.31	0.00	100.13	116	--	<250	--	<750	--	--	--	--	--	6.26	--
MW-113	08/20/1998	108.44	10.48	0.00	97.96	235	--	<250	--	<750	--	--	--	--	--	<1.0	--
MW-113	11/19/1998	108.44	9.02	0.00	99.42	<50	--	<250	--	<750	--	--	--	--	--	<1.0	--
MW-113	03/11/1999	108.44	7.59	0.00	100.85	162	--	<250	--	<750	--	--	--	--	--	<1.0	--
MW-113	05/25/1999	108.44	8.83	0.00	99.61	321	--	<250	--	--	--	--	--	--	--	--	--
MW-113	08/17/1999	108.44	9.34	0.00	99.10	265	--	<250	--	<500	--	--	--	--	--	1.2	--
MW-113	11/19/1999	108.44	7.27	0.00	101.17	<80	--	<250	--	--	--	--	--	--	--	<1.0	--
MW-113	03/09/2000	108.44	7.66	0.00	100.78	96.70	--	<250	--	<500	--	--	--	--	--	<1.0	--
MW-113	06/13/2000	108.44	8.29	0.00	100.15	154	--	<250	--	<500	--	--	--	--	--	<1.0	--
MW-113	09/26/2000	108.44	9.51	0.00	98.93	--	--	<250	--	<500	--	--	--	--	--	<1.0	--
MW-113	12/13/2000	108.44	8.91	0.00	99.53	<80	--	<250	--	588	--	--	--	--	--	<1.0	--
MW-113	02/28/2001	108.44	8.60	0.00	99.84	<80	--	<250	--	<500	--	--	--	--	--	<1.0	--
MW-113	05/02/2001	108.44	8.14	0.00	100.30	<80	--	<250	--	<500	--	--	--	--	--	<1.0	--
MW-113	10/30/2002	108.44	9.85	0.00	98.59	<80	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	1.55	--
MW-113	01/23/2003	108.44	8.29	0.00	100.15	<80	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	--
MW-113	04/18/2003	108.44	8.09	0.00	100.35	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	--
MW-113	07/11/2003	108.44	9.51	0.00	98.93	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	--
MW-113	10/31/2003	108.44	8.80	0.00	99.64	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	--
MW-113	12/31/2003	108.44	7.44	0.00	101.00	<97	--	<50	--	<77	<0.5	<0.5	<0.5	<1.5	--	<1.2	--
MW-113	05/03/2004	108.44	9.14	0.00	99.30	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	--
MW-113	07/20/2004	108.44	9.58	0.00	98.86	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	--	--
MW-113	10/06/2004	108.44	8.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-113	01/27/2005	108.44	8.15	0.00	100.29	<48	--	<84	--	<110	--	--	--	--	--	--	
MW-113	04/12/2005	108.44	7.76	0.00	100.68	<48	--	<88	--	<110	--	--	--	--	--	--	
MW-113	07/18/2005	108.44	9.11	0.00	99.33	<48	--	<79	--	<98	--	--	--	--	--	--	
MW-113	10/26/2005	108.44	9.10	0.00	99.34	<48	--	<82	--	<100	--	--	--	--	--	--	
MW-113	09/05/2007	108.44	9.59	0.00	98.85	<50	--	<82	--	<100	--	--	--	--	--	0.32	
MW-113-DUP	09/05/2007	108.44	9.59	0.00	98.85	<50	--	<82	--	<100	--	--	--	--	--	0.32	LFP
MW-113	5/27-28/2008	108.44	9.02	0.00	99.42	<50	--	<82	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	0.16	LFP
MW-113	8/27-29/2008	108.44	9.10	0.00	99.34	<50	--	<81	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	0.19	LFP
MW-113	11/17-19/2008	108.44	7.68	0.00	100.76	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-113	2/16-18/2009	108.44	8.75	0.00	99.69	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.087	LFP
MW-113	5/4-6/2009	108.44	8.28	0.00	100.16	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-113	8/19-21/2009	108.44	9.50	0.00	98.94	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	0.14	LFP
MW-113	11/18-20/2009	108.44	6.39	0.00	102.05	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.16	LFP
MW-113	2/8-10/2010	108.44	8.15	0.00	100.29	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-113	5/12-13/2010	108.44	8.60	0.00	99.84	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.093	LFP
MW-113	08/12/2010	108.44	9.29	0.00	99.15	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.077	LFP
MW-113	11/3-4/2010	108.44	7.65	0.00	100.79	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-113	2/3-4/2011	108.44	8.26	0.00	100.18	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-113	05/24/2011	108.44	8.42	0.00	100.02	<50	--	<30	--	330	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-113	8/23-24/11	108.44	9.32	0.00	99.12	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.096	LFP
MW-113	11/7-9/2011	108.44	9.20	0.00	99.24	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-113	2/6-8/2012	108.44	7.95	0.00	100.49	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-113	5/2-4/2012	108.44	8.00	0.00	100.44	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-113	8/1-3/2012	108.44	9.30	0.00	99.14	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	0.048	LFP
MW-113	11/26-28/2012	108.44	7.49	0.00	100.95	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
MW-113	2/4-6/2013	108.44	8.06	0.00	100.38	<50	--	30	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-113	5/6-8/2013	108.44	8.83	0.00	99.61	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-113	9/9-13/2013	108.44	8.56	0.00	99.88	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-113	11/18-21/2013	108.44	7.74	0.00	100.70	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-113	2/4-11/2014	108.44	6.56	0.00	101.88	<50	<29	<29	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-113	6/12-14/2014	108.44	8.79	0.00	99.65	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-113	8/18-21/14	108.44	9.39	0.00	99.05	<50	<30	<30	<71	<71	<0.5	<0.5	<0.5	<0.5	<0.5	0.35	LFP
MW-113	11/19-20/2014	108.44	8.59	0.00	99.85	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-113	2/17-20/2015	108.44	8.01	0.00	100.43	<50	<30	<30	<70	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-113	5/11-15/2015	108.44	9.08	0.00	99.36	75	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-113	8/10-11/2015	108.44	9.28	0.00	99.16	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP
MW-113	11/16-18/2015	108.44	5.99	0.00	102.45	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.00019	LFP
MW-113	5/13-14/2016	108.44	8.95	0.00	99.49	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.13	LFP
MW-113	11/14/2016	108.44	7.73	0.00	100.71	<50	--	57	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
MW-113	05/14/2017	108.44	7.88	0.00	100.56	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
MW-113	11/11-12/2017	108.44	7.81	0.00	100.63	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.11	LFP
MW-113	05/11/2018	108.44	8.65	0.00	99.79	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11	LFP
MW-113	11/11-12/2018	108.44	8.68	0.00	99.76	<19	--	<28	--	<65	<0.2	<0.2	<0.4	<1	--	<1.1	LFP
MW-113	04/27/2019	108.44	8.11	0.00	100.33	<19	--	81 J	--	130 J	<0.2	<0.2	<0.4	<1	--	<1.1	LFP
MW-113	11/03/2019	108.44	8.65	0.00	99.79	<19	--	100	--	<66	<0.2	<0.2	<0.4	<1	--	0.25 J	LFP
MW-113	05/06/2020	108.44	8.67	0.00	99.77	<100	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	
MW-113	11/7/2020	108.44	7.77	0.00	100.67	44.4 B J	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	0.888 J	
MW-113	05/24/2021	108.44	9.11	0.00	99.33	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	
MW-113	11/29/2021	108.44	7.70	0.00	100.74	<100	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<6.00	
MW-113	05/23/2022	108.44	8.20	0.00	100.24	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	
MW-113	11/29/2022	108.44	8.28	0.00	100.16	64.7 B J	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<2.00	
MW-113	01/20/2023	108.44	7.49	0.00	100.95	78.8 B J	<200	--	<250	--	<1.00	0.319 J	<1.00	1.39 J	--	<2.00	
MW-113	05/15/2023	108.44	8.52	0.00	99.92	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	0.209 J	--	<2.00	
MW-113	11/29/2023	108.44	8.44	0.00	100.00	<100	<200	<200	105 J	105 J	<1.00	<1.00	<1.00	<3.00	--	<2.00	
MW-113	05/02/2024	108.44	8.63	0.00	99.81	335 B	<200	--	140 J	--	21.5	3.28	0.554 J	65.4	--	<2.00	
MW-113	10/31/2024	108.44	8.89	0.00	99.55	--	--	--	--	--	--	--	--	--	--	--	
MW-114	08/22/1995	106.89	7.47	0.00	99.42	<50	--	<250	--	<750	--	--	--	--	--	--	
MW-114	11/28/1995	106.89	5.83	0.00	101.06	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	03/12/1996	106.89	6.39	0.00	100.50	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	06/26/1996	106.89	7.11	0.00	99.78	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	10/09/1996	106.89	7.42	0.00	99.47	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	02/12/1997	106.89	5.47	0.00	101.42	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	04/22/1997	106.89	14.30	0.00	92.59	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	08/05/1997	106.89	7.65	0.00	99.24	<50	--	<250	--	1,410	--	--	--	--	--	<2.0	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-114	11/11/1997	106.89	6.45	0.00	100.44	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	02/11/1998	106.89	6.23	0.00	100.66	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-114	05/28/1998	106.89	6.44	0.00	100.45	<50	--	<250	--	<750	--	--	--	--	--	5.91	
MW-114	08/20/1998	106.89	8.75	0.00	98.14	<50	--	<250	--	<750	--	--	--	--	--	<1.0	
MW-114	11/19/1998	106.89	7.05	0.00	99.84	<50	--	<250	--	<750	--	--	--	--	--	<1.0	
MW-114	03/11/1999	106.89	5.90	0.00	100.99	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-114	05/25/1999	106.89	7.10	0.00	99.79	<80	--	<250	--	--	--	--	--	--	--	--	
MW-114	08/17/1999	106.89	7.59	0.00	99.30	<80	--	<250	--	607	--	--	--	--	--	<1.0	
MW-114	11/19/1999	106.89	5.59	0.00	101.30	<80	--	<250	--	--	--	--	--	--	--	<1.0	
MW-114	03/09/2000	106.89	5.98	0.00	100.91	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-114	06/13/2000	106.89	6.04	0.00	100.85	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-114	09/26/2000	106.89	7.81	0.00	99.08	--	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-114	12/13/2000	106.89	7.06	0.00	99.83	--	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-114	02/28/2001	106.89	6.79	0.00	100.10	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-114	05/02/2001	106.89	8.84	0.00	98.05	<80	--	<250	--	1,880	--	--	--	--	--	<1.0	
MW-114	10/30/2002	106.89	8.32	0.00	98.57	115	--	<250	--	1,090	<0.500	<0.500	1.17	5.18	--	1.01	
MW-114	10/31/2003	106.89	6.61	0.00	100.28	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	
MW-114	12/30/2003	106.89	5.81	0.00	101.08	3,600	--	<50	--	480	<0.5	<0.5	<0.5	<1.5	--	<1.2	
MW-114	10/06/2004	106.89	6.98	0.00	99.91	<50	--	<76	--	<95	--	--	--	--	--	--	
MW-114	10/24/2005	106.89	7.28	0.00	99.61	<48	--	<79	--	<99	--	--	--	--	--	--	
MW-114	09/05/2007	106.89	7.87	0.00	99.02	<50	--	94	--	810	--	--	--	--	--	0.38	LFP
MW-114	5/27-28/2008	106.89	7.19	0.00	99.70	<50	--	<1,600	--	15,000	<0.5	<0.5	<0.5	<0.5	<0.5	0.14	LFP
MW-114	8/27-29/2008	106.89	7.30	0.00	99.59	<50	--	270	--	2,200	<0.5	<0.5	<0.5	<0.5	<0.5	0.25	LFP
MW-114	11/17-19/2008	106.89	6.01	0.00	100.88	<50	--	330	--	4,600	<0.5	<0.5	<0.5	<0.5	<0.5	0.13	LFP
MW-114	2/16-18/2009	106.89	6.91	0.00	99.98	<50	--	210	--	1,900	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-114	5/4-6/2009	106.89	6.42	0.00	100.47	<50	--	180	--	1,400	<0.5	<0.5	<0.5	<0.5	<0.5	0.43	LFP
MW-114	8/19-21/2009	106.89	7.78	0.00	99.11	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	0.79	LFP
MW-114	11/18-20/2009	106.89	5.10	0.00	101.79	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.34	LFP
MW-114	2/8-10/2010	106.89	6.38	0.00	100.51	<50	--	110	--	790	<0.5	<0.5	<0.5	<0.5	<0.5	0.19	LFP
MW-114	5/12-13/2010	106.89	6.71	0.00	100.18	<50	--	<30	--	80	<0.5	<0.5	<0.5	<0.5	<0.5	0.23	LFP
MW-114	08/11/2010	106.89	7.45	0.00	99.44	<50	--	<29	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
MW-114	11/3-4/2010	106.89	5.88	0.00	101.01	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	LFP
MW-114	2/3-4/2011	106.89	6.48	0.00	100.41	<50	--	60	--	460	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
MW-114	05/23/2011	106.89	6.55	0.00	100.34	<50	--	55	--	380	<0.5	<0.5	<0.5	<0.5	<0.5	0.36	LFP
MW-114	8/23-24/11	106.89	7.70	0.00	99.19	<50	--	130	--	1,500	<0.5	<0.5	<0.5	<0.5	<0.5	0.41	LFP
MW-114	11/7-9/2011	106.89	7.35	0.00	99.54	<50	--	120	--	950	<0.5	<0.5	<0.5	<0.5	<0.5	0.19	LFP
MW-114	2/6-8/2012	106.89	6.25	0.00	100.64	<50	--	<29	--	180	<0.5	<0.5	<0.5	<0.5	<0.5	0.088	LFP
MW-114	5/2-4/2012	106.89	5.95	0.00	100.94	<50	--	<30	--	140	<0.5	<0.5	<0.5	<0.5	<0.5	0.72	LFP
MW-114	8/1-3/2012	106.89	7.50	0.00	99.39	<50	--	140	--	910	<0.5	<0.5	<0.5	<0.5	<0.5	0.084	LFP
MW-114	11/28-28/2012	106.89	5.88	0.00	101.01	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	0.19	LFP
MW-114	2/4-6/2013	106.89	6.27	0.00	100.62	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.13	LFP
MW-114	5/6-8/2013	106.89	6.97	0.00	99.92	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.20	LFP
MW-114	9/9-13/2013	106.89	6.96	0.00	99.93	<50	60	<29	260	<67	<0.5	<0.5	<0.5	<0.5	<0.5	2.3	LFP
MW-114	11/18-22/2013	106.89	8.36	0.00	98.53	<50	99	<29	200	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
MW-114	2/4-11/2014	106.89	6.56	0.00	100.33	<50	<29	<29	71	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-114	6/12-14/2014	106.89	6.96	0.00	99.93	<50	94	<29	38	<820	<0.5	<0.5	<0.5	<0.5	<0.5	0.18	LFP
MW-114	8/18-21/14	106.89	7.57	0.00	99.32	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
MW-114	11/19-20/2014	106.89	6.75	0.00	100.14	<50	<28	<28	140	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.20	LFP
MW-114	2/17-20/2015	106.89	6.31	0.00	100.58	<50	<30	<30	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-114	5/11-15/2015	106.89	6.89	0.00	100.00	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.55	LFP
MW-114	8/10-11/2015	106.89	8.03	0.00	98.86	<50	130	<29	<570	170	<0.5	<0.5	<0.5	<0.5	<0.5	39.2	LFP
MW-114	11/16-18/2015	106.89	4.54	0.00	102.35	<50	49	<29	280	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.0145	LFP
MW-114	5/13-14/2016	106.89	7.97	0.00	98.92	<50	67	35	490	260	<0.5	<0.5	<0.5	<0.5	--	<0.13	LFP
MW-114	11/14/2016	106.89	5.40	0.00	101.49	<50	220	36	<790	280	<0.5	<0.5	<0.5	<0.5	--	2.5	LFP
MW-114	05/14/2017	106.89	5.93	0.00	100.96	<50	42	38	<67	280	<0.5	<0.5	<0.5	<0.5	--	8.3	LFP
MW-114	11/11-12/2017	106.89	5.82	0.00	101.07	<50	61	<28	320	<66	<0.5	<0.5	<0.5	<0.5	--	0.45	LFP
MW-114	05/11/2018	106.89	6.70	0.00	100.19	<50	29	<28	230	98	<0.5	<0.5	<0.5	<0.5	<0.5	0.40	LFP
MW-114	04/27/2019	106.89	6.60	0.00	100.29	<19	99	<29	300	<66	<0.2	<0.2	<0.4	<1	--	5	
MW-114	11/03/2019	106.89	6.80	0.00	100.09	<19	110	<30	<670	310	<0.2	<0.2	<0.4	<1	--	0.21 J	
MW-114	05/06/2020	106.89	6.77	0.00	100.12	38.2 B J	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	
MW-114	11/7/2020	106.89	5.95	0.00	100.94	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-114	05/24/2021	106.89	7.26	0.00	99.63	<100	<200	<200	83.9 J	83.9 J	<1.00	<1.00	<1.00	<3.00	--	<6.00	
MW-114	11/29/2021	106.89	5.96	0.00	100.93	<100	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<6.00	
MW-114 DUP	11/29/2021	--	--	--	--	<100	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<6.00	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-114	05/23/2022	106.89	6.39	0.00	100.50	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-114	11/29/2022	106.89	6.49	0.00	100.40	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-114	01/20/2023	106.89	5.74	0.00	101.15	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-114	05/15/2023	106.89	6.29	0.00	100.60	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-114	11/29/2023	106.89	8.27	0.00	98.62	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-114	05/02/2024	106.89	6.55	0.00	100.34	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-114	10/31/2024	106.89	6.39	0.00	100.50	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-115	08/22/1995	107.94	8.79	0.00	99.15	1,800	--	<250	--	<750	--	--	--	--	--	--	
MW-115	11/28/1995	107.94	7.05	0.00	100.89	460	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-115	03/12/1996	107.94	7.76	0.00	100.18	630	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-115	06/26/1996	107.94	8.45	0.00	99.49	706	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-115	10/09/1996	107.94	8.71	0.00	99.23	722	--	<250	--	<750	--	--	--	--	--	2.54	
MW-115	02/12/1997	107.94	7.48	0.00	100.46	58	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-115	04/22/1997	107.94	7.25	0.00	100.69	<50	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-115	08/05/1997	107.94	8.77	0.00	99.17	611	--	<250	--	<750	--	--	--	--	--	2.0	
MW-115	11/11/1997	107.94	7.71	0.00	100.23	57	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-115	02/11/1998	107.94	7.72	0.00	100.22	89.5	--	<250	--	<750	--	--	--	--	--	<2.0	
MW-115	05/28/1998	107.94	7.92	0.00	100.02	<50	--	<250	--	<750	--	--	--	--	--	8.08	
MW-115	08/20/1998	107.94	9.18	0.00	98.76	155	--	<250	--	<750	--	--	--	--	--	<1.0	
MW-115	11/19/1998	107.94	8.58	0.00	99.36	<50	--	<250	--	<750	--	--	--	--	--	<1.0	
MW-115	03/11/1999	107.94	7.12	0.00	100.82	<80	--	<250	--	<750	--	--	--	--	--	<1.0	
MW-115	05/25/1999	107.94	8.33	0.00	99.61	<80	--	<250	--	--	--	--	--	--	--	--	
MW-115	08/17/1999	107.94	8.87	0.00	99.07	163	--	<250	--	<500	--	--	--	--	--	1.4	
MW-115	11/19/1999	107.94	6.82	0.00	101.12	<80	--	<250	--	--	--	--	--	--	--	<1.0	
MW-115	03/09/2000	107.94	7.20	0.00	100.74	103	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-115	06/13/2000	107.94	7.82	0.00	100.12	<80	--	--	--	--	--	--	--	--	--	<1.0	
MW-115	09/26/2000	107.94	9.02	0.00	98.92	--	--	<250	--	<500	--	--	--	--	--	1.02	
MW-115	12/13/2000	107.94	8.43	0.00	99.51	313	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-115	02/28/2001	107.94	8.13	0.00	99.81	177	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-115	05/02/2001	107.94	10.37	0.00	97.57	162	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-115	10/30/2002	107.94	9.33	0.00	98.61	175	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	4.36	
MW-115	10/31/2003	107.94	8.30	0.00	99.64	78.9	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	
MW-115	12/31/2003	107.94	6.98	0.00	100.96	<99	--	<50	--	<79	<0.5	<0.5	<0.5	<1.5	--	<1.2	
MW-115	10/06/2004	107.94	8.43	0.00	99.51	<50	--	<160	--	<200	--	--	--	--	--	--	LFP
MW-115	10/21/2005	107.94	8.67	0.00	99.27	<48	--	<81	--	<100	--	--	--	--	--	--	LFP
MW-115-DUP	10/21/2005	107.94	8.67	0.00	99.27	<48	--	<82	--	<100	--	--	--	--	--	--	LFP
MW-115	09/05/2007	107.94	9.11	0.00	98.83	<50	--	<76	--	<95	--	--	--	--	--	0.37	LFP
MW-115	8/27-29/2008	107.94	8.63	0.00	99.31	<50	--	<82	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	0.35	LFP
MW-115	11/17-19/2008	107.94	7.25	0.00	100.69	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.097	LFP
MW-115	2/16-18/2009	107.94	8.31	0.00	99.63	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	0.17	LFP
MW-115	5/4-6/2009	107.94	7.66	0.00	100.28	<50	--	42	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.36	LFP
MW-115	8/19-21/2009	107.94	9.04	0.00	98.90	<50	--	320	--	2,700	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	LFP
MW-115	10/19/2009	107.94	8.70	0.00	99.24	--	--	<29	--	<68	--	--	--	--	--	--	LFP
MW-115	11/18-20/2009	107.94	5.85	0.00	102.09	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.92	LFP
MW-115	2/8-10/2010	107.94	7.69	0.00	100.25	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.17	LFP
MW-115	5/12-13/2010	107.94	8.14	0.00	99.80	<50	--	30	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.20	LFP
MW-115	08/12/2010	107.94	8.81	0.00	99.13	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.92	LFP
MW-115	11/3-4/2010	107.94	7.07	0.00	100.87	70	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.83	LFP
MW-115	2/3-4/2011	107.94	7.81	0.00	100.13	<50	--	33	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-115	05/24/2011	107.94	7.95	0.00	99.99	<50	--	42	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	LFP
MW-115	8/23-24/11	107.94	9.05	0.00	98.89	73	--	68	--	74	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	LFP
MW-115	11/7-9/2011	107.94	8.70	0.00	99.24	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.60	LFP
MW-115	2/6-8/2012	107.94	7.55	0.00	100.39	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-115	5/2-4/2012	107.94	7.55	0.00	100.39	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-115	8/1-3/2012	107.94	8.82	0.00	99.12	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.63	LFP
MW-115	11/26-28/2012	107.94	7.04	0.00	100.90	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.052	LFP
MW-115	2/4-6/2013	107.94	7.58	0.00	100.36	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-115	5/6-8/2013	107.94	8.34	0.00	99.60	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.41	LFP
MW-115	9/9-13/2013	107.94	8.09	0.00	99.85	<50	31	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.89	LFP
MW-115	11/18-21/2013	107.94	7.45	0.00	100.49	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.45	LFP
MW-115	2/4-11/2014	107.94	8.05	0.00	99.89	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.43	LFP
MW-115	8/18-21/14	107.94	8.88	0.00	99.06	66	36	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.82	LFP
MW-115	11/19-20/2014	107.94	8.07	0.00	99.87	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.28	LFP
MW-115	2/17-20/2015	107.94	7.57	0.00	100.37	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
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Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-115	5/11-15/2015	107.94	8.33	0.00	99.61	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.60	
MW-115	8/10-11/2015	107.94	9.28	0.00	98.66	<50	33	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.71	
MW-115	11/16-18/2015	107.94	6.53	0.00	101.41	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.00	
MW-115	5/13-14/2016	107.94	8.48	0.00	99.46												Well Removed from Sampling Program - Gauging Only
MW-115	11/14/2016	107.94	7.35	0.00	100.59	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-115	05/14/2017	107.94	7.44	0.00	100.50	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-115	11/11-12/2017	107.94	7.37	0.00	100.57												Well Removed from Sampling Program - Gauging Only
MW-115	05/11/2018	107.94	8.20	0.00	99.74	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-115	11/11-12/2018	107.94	8.31	0.00	99.63												Well Removed from Sampling Program - Gauging Only
MW-115	04/27/2019	107.94	7.49	0.00	100.45	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-115	11/03/2019	107.94	8.20	0.00	99.74	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-115	Nov 2019	107.94	--	--	--												Well Abandoned
MW-116	08/22/1995	107.56	8.82	0.00	98.74	<50	--	<250	--	<750	--	--	--	--	--	--	
MW-116	03/12/1996	107.56	8.08	0.00	99.48	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-116	10/09/1996	107.56	8.69	0.00	98.87	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-116	02/12/1997	107.56	7.86	0.00	99.70	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-116	04/22/1997	107.56	7.65	0.00	99.91	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-116	08/05/1997	107.56	8.71	0.00	98.85	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-116	11/11/1997	107.56	8.07	0.00	99.49	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-116	02/11/1998	107.56	8.06	0.00	99.50	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-116	05/28/1998	107.56	8.25	0.00	99.31	<50	--	<250	--	<750	--	--	--	--	--	--	4.66
MW-116	08/20/1998	107.56	9.05	0.00	98.51	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0
MW-116	11/19/1998	107.56	9.16	0.00	98.40	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0
MW-116	03/11/1999	107.56	7.64	0.00	99.92	<80	--	<250	--	<750	--	--	--	--	--	--	<1.0
MW-116	05/25/1999	107.56	8.40	0.00	99.16	<80	--	<250	--	--	--	--	--	--	--	--	--
MW-116	08/17/1999	107.56	8.78	0.00	98.78	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-116	11/19/1999	107.56	7.60	0.00	99.96	<80	--	<250	--	--	--	--	--	--	--	--	<1.0
MW-116	03/09/2000	107.56	7.70	0.00	99.86	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-116	06/13/2000	107.56	8.37	0.00	99.19	<80	--	--	--	--	--	--	--	--	--	--	<1.0
MW-116	09/26/2000	107.56	8.88	0.00	98.68	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-116	12/13/2000	107.56	8.52	0.00	99.04	--	--	<500	--	<500	--	--	--	--	--	--	<1.0
MW-116	02/28/2001	107.56	8.25	0.00	99.31	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-116	05/02/2001	107.56	10.84	0.00	96.72	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-116	12/30/2003	107.56	7.54	0.00	100.02	<99	--	<50	--	<79	<0.5	<0.5	<0.5	<1.5	--	--	<1.2
MW-116	07/20/2004	107.56	8.92	0.00	98.64	<50	--	<284	--	<568	<0.500	<0.500	<0.500	<1.00	--	--	LFP
MW-116	10/07/2004	107.56	7.54	0.00	100.02	<50	--	<75	--	<94	--	--	--	--	--	--	LFP
MW-116	10/20/2005	107.56	8.73	0.00	98.83	<48	--	<81	--	<100	--	--	--	--	--	--	LFP
MW-116	09/06/2007	107.56	9.00	0.00	98.56	<50	--	<76	--	<95	--	--	--	--	--	--	0.15
MW-116	8/27-29/2008	107.56	8.68	0.00	98.88	<50	--	89	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-116	11/17-19/2008	107.56	7.93	0.00	99.63	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-116	2/16-18/2009	107.56	8.45	0.00	99.11	<50	--	590	--	350	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-116	5/4-6/2009	107.56	8.20	0.00	99.36	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-116	8/19-21/2009	107.56	8.91	0.00	98.65	<50	--	34	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-116	11/18-20/2009	107.56	6.85	0.00	100.71	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-116	2/8-10/2010	107.56	8.07	0.00	99.49	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	
MW-116	08/12/2010	107.56	8.78	0.00	98.78	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
MW-116	11/3-4/2010	107.56	8.04	0.00	99.52	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-116	2/3-4/2011	107.56	8.16	0.00	99.40	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-116	05/24/2011	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-116	8/23-24/11	107.56	9.00	0.00	98.56	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-116	11/7-9/2011	107.56	8.75	0.00	98.81	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-116	2/6-8/2012	107.56	8.05	0.00	99.51	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-116	5/2-4/2012	107.56	8.10	0.00	99.46	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-116	8/1-3/2012	107.56	8.80	0.00	98.76	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034	LFP
MW-116	11/26-28/2012	107.56	7.84	0.00	99.72	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
MW-116	2/4-6/2013	107.56	8.04	0.00	99.52	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-116	5/6-8/2013	107.56	8.51	0.00	99.05	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-116	9/9-13/2013	107.56	8.61	0.00	98.95	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-116	11/18-21/2013	107.56	8.15	0.00	99.41	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
MW-116	2/4-11/2014	107.56	8.28	0.00	99.28	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-116	8/18-21/14	107.56	8.83	0.00	98.73	68	38	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.78	LFP
MW-116	11/19-20/2014	107.56	8.38	0.00	99.18	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-116	2/17-20/2015	107.56	8.08	0.00	99.48	<50	<30	<30	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.17	
MW-116	5/11-15/2015	107.56	8.71	0.00	98.85	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments	
MW-116	8/10-11/2015	107.56	9.17	0.00	98.39	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.42		
MW-116	11/16-18/2015	107.56	7.37	0.00	100.19	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.0062		
MW-116	5/13-14/2016	107.56	8.59	0.00	98.97				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY									
MW-116	11/14/2016	107.56	8.06	0.00	99.50	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-116	05/14/2017	107.56	8.07	0.00	99.49	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-116	11/11-12/2017	107.56	8.14	0.00	99.42				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY									
MW-116	05/11/2018	107.56	8.43	0.00	99.13	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-116	11/11-12/2018	107.56	9.04	0.00	98.52				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY									
MW-116	04/27/2019	107.56	8.30	0.00	99.26	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-116	11/03/2019	107.56	8.48	0.00	99.08	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-116	Nov 2019	107.56	--	--	--				WELL ABANDONED									
MW-117	08/22/1995	106.57	7.45	0.00	99.12	<50	--	<250	--	<750	--	--	--	--	--	--		
MW-117	11/28/1995	106.57	5.45	0.00	101.12	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	03/12/1996	106.57	6.32	0.00	100.25	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	06/26/1996	106.57	7.18	0.00	99.39	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	10/09/1996	106.57	7.42	0.00	99.15	<50	--	<250	--	<750	--	--	--	--	--	--	7.1	
MW-117	02/12/1997	106.57	5.93	0.00	100.64	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	04/22/1997	106.57	5.78	0.00	100.79	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	08/05/1997	106.57	7.58	0.00	98.99	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	11/11/1997	106.57	6.21	0.00	100.36	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	02/11/1998	106.57	6.21	0.00	100.36	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-117	05/28/1998	106.57	6.44	0.00	100.13	<50	--	<250	--	<750	--	--	--	--	--	--	2.88	
MW-117	08/20/1998	106.57	7.90	0.00	98.67	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-117	11/19/1998	106.57	7.18	0.00	99.39	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-117	03/11/1999	106.57	5.51	0.00	101.06	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	05/25/1999	106.57	7.00	0.00	99.57	<80	--	<250	--	--	--	--	--	--	--	--	--	
MW-117	08/17/1999	106.57	7.56	0.00	99.01	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	11/19/1999	106.57	5.11	0.00	101.46	<80	--	<250	--	--	--	--	--	--	--	--	<1.0	
MW-117	03/09/2000	106.57	5.65	0.00	100.92	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	06/13/2000	106.57	6.25	0.00	100.32	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	09/26/2000	106.57	7.70	0.00	98.87	--	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	12/13/2000	106.57	7.11	0.00	99.46	--	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	02/28/2001	106.57	6.78	0.00	99.79	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	05/02/2001	106.57	8.90	0.00	97.67	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-117	12/30/2003	106.57	5.46	0.00	101.11	<100	--	<50	--	<80	<0.5	<0.5	<0.5	<1.5	--	--	<1.2	LFP
MW-117	10/06/2004	106.57	7.07	0.00	99.50	<50	--	<79	--	<98	--	--	--	--	--	--	--	LFP
MW-117	10/21/2005	106.57	7.33	0.00	99.24	<48	--	<81	--	<100	--	--	--	--	--	--	--	LFP
MW-117	09/05/2007	106.57	7.92	0.00	98.65	<50	--	<82	--	<100	--	--	--	--	--	--	0.22	LFP
MW-117	5/27-28/2008	106.57	7.42	0.00	99.15	<50	--	<80	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	0.056	LFP	
MW-117	8/27-29/2008	106.57	7.38	0.00	99.19	<50	--	<82	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-117	11/17-19/2008	106.57	5.90	0.00	100.67	<50	--	55	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-117	2/16-18/2009	106.57	7.06	0.00	99.51	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.095	LFP	
MW-117	5/4-6/2009	106.57	6.51	0.00	100.06	<50	--	38	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-117	8/19-21/2009	106.57	7.82	0.00	98.75	<50	--	40	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.073	LFP	
MW-117	11/18-20/2009	106.57	3.85	0.00	102.72	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-117	2/8-10/2010	106.57	6.43	0.00	100.14	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-117	5/12-13/2010	106.57	6.96	0.00	99.61	<50	--	36	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-117	08/12/2010	106.57	7.68	0.00	98.89	<50	--	<29	--	210	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP	
MW-117	11/3-4/2010	106.57	5.97	0.00	100.60	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP	
MW-117	2/3-4/2011	106.57	6.5	0.00	100.07	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP	
MW-117	05/24/2011	106.57	6.77	0.00	99.80	<50	--	<30	--	150	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP	
MW-117	8/23-24/11	106.57	7.85	0.00	98.72	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP	
MW-117	11/7-9/2011	106.57	7.55	0.00	99.02	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-117	2/6-8/2012	106.57	6.20	0.00	100.37	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-117	5/2-4/2012	106.57	6.00	0.00	100.57	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-117	8/1-3/2012	106.57	7.66	0.00	98.91	<50	--	<32	--	<75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034	LFP	
MW-117	11/26-28/2012	106.57	5.60	0.00	100.97	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP	
MW-117	2/4-6/2013	106.57	6.29	0.00	100.28	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP	
MW-117	5/6-8/2013	106.57	7.18	0.00	99.39	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP	
MW-117	9/9-13/2013	106.57	8.11	0.00	98.46	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP	
MW-117	11/18-21/2013	106.57	5.99	0.00	100.58	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP	
MW-117	2/4-11/2014	106.57	6.85	0.00	99.72	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP	
MW-117	6/12-14/2014	106.57	7.11	0.00	99.46	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP	
MW-117	8/18-21/14	106.57	7.71	0.00	98.86	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.37	LFP	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments	
MW-117	11/19-20/2014	106.57	6.91	0.00	99.66	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP	
MW-117	2/17-20/2015	106.57	6.26	0.00	100.31	<50	<29	<29	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082		
MW-117	5/11-15/2015	106.57	6.91	0.00	99.66	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082		
MW-117	8/10-11/2015	106.57	8.10	0.00	98.47	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	1.10		
MW-117	11/16-18/2015	106.57	3.89	0.00	102.68	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.0021		
MW-117	5/13-14/2016	106.57	7.38	0.00	99.19				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY									
MW-117	11/14/2016	106.57	5.60	0.00	100.97	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-117	05/14/2017	106.57	6.10	0.00	100.47	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-117	11/11-12/2017	106.57	6.16	0.00	100.41				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY									
MW-117	05/11/2018	106.57	7.04	0.00	99.53	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-117	11/11-12/2018	106.57	6.58	0.00	99.99				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY									
MW-117	04/27/2019	106.57	6.82	0.00	99.75	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-117	11/03/2019	106.57	7.09	0.00	99.48	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only	
MW-117	Nov 2019	106.57	--	--	--				WELL ABANDONED									
MW-118	08/22/1995	106.72	7.87	0.00	98.85	<50	--	470	--	<750	--	--	--	--	--	--		
MW-118	11/28/1995	106.72	5.76	0.00	100.96	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	03/12/1996	106.72	6.67	0.00	100.05	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	06/26/1996	106.72	7.51	0.00	99.21	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	10/09/1996	106.72	7.78	0.00	98.94	50.1	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	02/12/1997	106.72	6.35	0.00	100.37	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	04/22/1997	106.72	5.98	0.00	100.74	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	08/05/1997	106.72	7.85	0.00	98.87	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	11/11/1997	106.72	6.52	0.00	100.20	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	02/11/1998	106.72	6.56	0.00	100.16	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-118	05/28/1998	106.72	6.85	0.00	99.87	<50	--	<250	--	<750	--	--	--	--	--	--	2.84	
MW-118	08/20/1998	106.72	7.26	0.00	99.46	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-118	11/19/1998	106.72	7.70	0.00	99.02	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-118	03/11/1999	106.72	5.81	0.00	100.91	<80	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-118	05/25/1999	106.72	7.39	0.00	99.33	<80	--	<250	--	--	--	--	--	--	--	--	--	
MW-118	08/17/1999	106.72	7.95	0.00	98.77	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-118	11/19/1999	106.72	5.53	0.00	101.19	<80	--	<250	--	--	--	--	--	--	--	--	<1.0	
MW-118	03/09/2000	106.72	5.99	0.00	100.73	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-118	06/13/2000	106.72	7.08	0.00	99.64	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-118	09/26/2000	106.72	8.07	0.00	98.65	--	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-118	12/13/2000	106.72	7.53	0.00	99.19	--	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-118	02/28/2001	106.72	7.17	0.00	99.55	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-118	05/02/2001	106.72	6.81	0.00	99.91	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-118	12/30/2003	106.72	5.71	0.00	101.01	<500	--	<50	<400	<0.5	<0.5	<0.5	<1.5	--	--	--	<1.2	
MW-118	07/20/2004	106.72	8.14	0.00	98.58	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	
MW-118	10/07/2004	106.72	7.55	0.00	99.17	<50	--	<76	--	<96	--	--	--	--	--	--	--	
MW-118-DUP	10/07/2004	106.72	7.55	0.00	99.17	<50	--	<80	--	160	--	--	--	--	--	--	--	
MW-118	10/20/2005	106.72	7.78	0.00	98.94	<48	--	<83	--	<100	--	--	--	--	--	--	--	
MW-118	09/05/2007	106.72	8.20	0.00	98.52	<50	--	980	--	710	--	--	--	--	--	--	0.13	
MW-118	8/27-29/2008	106.72	7.64	0.00	99.08	<50	--	260	--	230	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-118	11/17-19/2008	106.72	6.20	0.00	100.52	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-118	2/16-18/2009	106.72	7.29	0.00	99.43	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.068	LFP	
MW-118	5/4-6/2009	106.72	6.70	0.00	100.02	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-118	8/19-21/2009	106.72	8.04	0.00	98.68	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.23	LFP	
MW-118	11/18-20/2009	106.72	4.45	0.00	102.27	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-118	2/8-10/2010	106.72	6.65	0.00	100.07	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-118	5/12-13/2010	106.72	7.21	0.00	99.51	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP	
MW-118	08/12/2010	106.72	7.90	0.00	98.82	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP	
MW-118	11/3-4/2010	106.72	6.39	0.00	100.33	<50	--	<29	--	160	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP	
MW-118	2/3-4/2011	106.72	6.77	0.00	99.95	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP	
MW-118	8/23-24/11	106.72	8.15	0.00	98.57	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-118	11/7-9/2011	106.72	7.80	0.00	98.92	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-118	2/6-8/2012	106.72	6.50	0.00	100.22	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-118	5/2-4/2012	106.72	5.85	0.00	100.87	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-118	8/1-3/2012	106.72	7.87	0.00	98.85	<50	--	97	--	230	<0.5	<0.5	<0.5	<0.5	<0.5	0.042	LFP	
MW-118	11/26-28/2012	106.72	5.84	0.00	100.88	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP	
MW-118	2/4-6/2013	106.72	6.57	0.00	100.15	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP	
MW-118	5/6-8/2013	106.72	7.47	0.00	99.25	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP	
MW-118	9/9-13/2013	106.72	7.28	0.00	99.44	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP	
MW-118	11/18-21/2013	106.72	6.57	0.00	100.15	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments		
MW-118	2/4-11/2014	106.72	7.02	0.00	99.70	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP		
MW-118	8/18-21/14	106.72	7.92	0.00	98.80	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.41	LFP		
MW-118	11/19-20/2014	106.72	7.15	0.00	99.57	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP		
MW-118	2/17-20/2015	106.72	6.54	0.00	100.18	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.083			
MW-118	5/11-15/2015	106.72	8.93	0.00	97.79	<50	69	75	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.170			
MW-118	8/10-11/2015	106.72	8.27	0.00	98.45	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13			
MW-118	11/16-18/2015	106.72	4.69	0.00	102.03	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.00067			
MW-118	5/13-14/2016	106.72	7.61	0.00	99.11				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	11/14/2016	106.72	6.36	0.00	100.36	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only		
MW-118	05/14/2017	106.72	6.50	0.00	100.22	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only		
MW-118	11/11-12/2017	106.72	6.52	0.00	100.20				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	05/11/2018	106.72	7.31	0.00	99.41	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only		
MW-118	11/11-12/2018	106.72	7.34	0.00	99.38				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	04/27/2019	106.72	7.05	0.00	99.67	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only		
MW-118	11/03/2019	106.72	7.66	0.00	99.06	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only		
MW-118	Nov 2019	106.72	--	--	--				WELL ABANDONED										
MW-119	08/22/1995	108.35	9.22	0.00	99.13	<50	--	<250	--	<750	--	--	--	--	--	--			
MW-119	11/28/1995	108.35	7.54	0.00	100.81	100	--	<250	--	<750	--	--	--	--	--	--	<2.0		
MW-119	03/12/1996	108.35	8.21	0.00	100.14	240	--	<250	--	<750	--	--	--	--	--	--	2.2		
MW-119	06/26/1996	108.35	8.91	0.00	99.44	174	--	<250	--	<750	--	--	--	--	--	--	<2.0		
MW-119	10/09/1996	108.35	9.14	0.00	99.21	78	--	<250	--	<750	--	--	--	--	--	--	2.16		
MW-119	02/12/1997	108.35	7.84	0.00	100.51	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0		
MW-119	04/22/1997	108.35	7.67	0.00	100.68	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0		
MW-119	08/05/1997	108.35	9.15	0.00	99.20	53.6	--	<250	--	<750	--	--	--	--	--	--	<2.0		
MW-119	11/11/1997	108.35	8.02	0.00	100.33	<50	--	264	--	<750	--	--	--	--	--	--	<2.0		
MW-119	02/11/1998	108.35	8.02	0.00	100.33	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0		
MW-119	05/28/1998	108.35	8.20	0.00	100.15	102	--	<250	--	<750	--	--	--	--	--	--	3.33		
MW-119	08/20/1998	108.35	10.40	0.00	97.95	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0		
MW-119	11/19/1998	108.35	8.98	0.00	99.37	78.5	--	<250	--	<750	--	--	--	--	--	--	1.82		
MW-119	03/11/1999	108.35	7.61	0.00	100.74	<80	--	<250	--	<750	--	--	--	--	--	--	<1.0		
MW-119	05/25/1999	108.35	8.77	0.00	99.58	<80	--	<250	--	--	--	--	--	--	--	--	--		
MW-119	08/17/1999	108.35	9.29	0.00	99.06	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0		
MW-119	11/19/1999	108.35	7.25	0.00	101.10	<80	--	<250	--	--	--	--	--	--	--	--	<1.0		
MW-119	03/09/2000	108.35	7.63	0.00	100.72	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0		
MW-119	06/13/2000	108.35	8.28	0.00	100.07	413	--	<250	--	<500	--	--	--	--	--	--	2.64		
MW-119	09/26/2000	108.35	9.44	0.00	98.91	--	--	<250	--	<500	--	--	--	--	--	--	<1.0		
MW-119	12/13/2000	108.35	8.86	0.00	99.49	--	--	<250	--	<500	--	--	--	--	--	--	1.79		
MW-119	02/28/2001	108.35	8.56	0.00	99.79	227	--	<250	--	<500	--	--	--	--	--	--	2.64		
MW-119	05/02/2001	108.35	8.10	0.00	100.25	104	--	<250	--	<500	--	--	--	--	--	--	1.56		
MW-119	10/30/2002	108.35	9.76	0.00	98.59	<80	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	4.2		
MW-119	10/31/2003	108.35	8.62	0.00	99.73	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	1.315			
MW-119	12/30/2003	108.35	7.40	0.00	100.95	<96	--	<50	--	<77	<0.5	<0.5	<0.5	<1.5	--	<1.2			
MW-119	10/07/2004	108.35	8.85	0.00	99.50	<50	--	<79	--	<98	--	--	--	--	--	--	LFP		
MW-119	10/20/2005	108.35	9.08	0.00	99.27	<48	--	<80	--	<100	--	--	--	--	--	--	LFP		
MW-119	09/05/2007	108.35	9.53	0.00	98.82	<50	--	<800	--	<1,000	--	--	--	--	--	0.57	LFP		
MW-119	8/27-29/2008	108.35	9.05	0.00	99.30	<50	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	<0.5	0.52	LFP		
MW-119	11/17-19/2008	108.35	7.65	0.00	100.70	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.29	LFP		
MW-119	2/16-18/2009	108.35	8.70	0.00	99.65	<50	--	45	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.44	LFP		
MW-119	5/4-6/2009	108.35	8.06	0.00	100.29	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.74	LFP		
MW-119	8/19-21/2009	108.35	9.45	0.00	98.90	<50	--	36	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.25	LFP		
MW-119	11/18-20/2009	108.35	6.41	0.00	101.94	150	--	32	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	1	LFP		
MW-119	2/8-10/2010	108.35	8.11	0.00	100.24	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.33	LFP		
MW-119	5/12-13/2010	108.35	8.56	0.00	99.79	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.69	LFP		
MW-119	08/12/2010	108.35	9.22	0.00	99.13	<50	--	<30	--	70	<0.5	<0.5	<0.5	<0.5	<0.5	0.36	LFP		
MW-119	11/3-4/2010	108.35	7.52	0.00	100.83	<50	--	38	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	LFP		
MW-119	2/3-4/2011	108.35	8.22	0.00	100.13	<50	--	30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.30	LFP		
MW-119	05/24/2011	108.35	8.37	0.00	99.98	<50	--	<30	--	210	<0.5	<0.5	<0.5	<0.5	<0.5	0.49	LFP		
MW-119	11/7-9/2011	108.35	9.10	0.00	99.25	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.34	LFP		
MW-119	2/6-8/2012	108.35	7.90	0.00	100.45	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP		
MW-119	5/2-4/2012	108.35	8.00	0.00	100.35	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.26	LFP		
MW-119	8/1-3/2012	108.35	9.23	0.00	99.12	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.27	LFP		
MW-119	11/26-28/2012	108.35	7.43	0.00	100.92	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP		
MW-119	2/4-6/2013	108.35	7.99	0.00	100.36	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.099	LFP		
MW-119	5/6-8/2013	108.35	8.76	0.00	99.59	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP		

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments	
MW-119	9/9-13/2013	108.35	8.51	0.00	99.84	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.26	LFP	
MW-119	11/18-21/2013	108.35	7.67	0.00	100.68	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.80	LFP	
MW-119	2/4-11/2014	108.35	8.47	0.00	99.88	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.16	LFP	
MW-119	8/18-21/14	108.35	9.23	0.00	99.12	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.17	LFP	
MW-119	11/19-20/2014	108.35	8.50	0.00	99.85	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.14	LFP	
MW-119	2/17-20/2015	108.35	7.97	0.00	100.38	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.18	LFP	
MW-119	5/11-15/2015	108.35	8.96	0.00	99.39	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	LFP	
MW-119	8/10-11/2015	108.35	9.70	0.00	98.65	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP	
MW-119	11/16-18/2015	108.35	6.43	0.00	101.92	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.0041	LFP	
MW-119	5/13-14/2016	108.35	8.39	0.00	99.96													WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY
MW-119	11/14/2016	108.35	7.70	0.00	100.65	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-119	05/14/2017	108.35	7.85	0.00	100.50	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-119	11/11-12/2017	108.35	7.92	0.00	100.43													LFP
MW-119	05/11/2018	108.35	8.60	0.00	99.75	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-119	11/11-12/2018	108.35	8.62	0.00	99.73													LFP
MW-119	11/7-9/2011	108.35	8.00	0.00	99.11	740	--	220	--	160	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	LFP	
MW-119	2/6-8/2012	108.35	6.80	0.00	101.55	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-119	5/2-4/2012	108.35	6.20	0.00	102.15	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP	
MW-119	8/1-3/2012	108.35	8.11	0.00	99.00	<50	--	59	--	75	<0.5	<0.5	<0.5	<0.5	<0.5	0.29	LFP	
MW-119	11/26-28/2012	108.35	6.21	0.00	102.14	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP	
MW-119	2/4-6/2013	108.35	6.84	0.00	101.51	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP	
MW-119	5/6-8/2013	108.35	7.64	0.00	100.71	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP	
MW-119	9/9-13/2013	108.35	7.36	0.00	99.75	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP	
MW-119	11/18-21/2013	108.35	6.61	0.00	100.50	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.088	LFP	
MW-119	2/4-11/2014	108.35	7.32	0.00	101.03	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP	
MW-119	6/12-14/2014	108.35	7.70	0.00	100.65	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP	
MW-119	8/18-21/14	108.35	8.13	0.00	98.98	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.32	LFP	
MW-119	11/19-20/2014	108.35	7.37	0.00	100.98	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP	
MW-119	04/27/2019	108.35	8.39	0.00	99.96	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-119	11/03/2019	108.35	8.34	0.00	100.01	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-119	Nov 2019	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-120	2/17-20/2015	107.11	6.83	0.00	100.28	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP	
MW-120	5/11-15/2015	107.11	7.71	0.00	99.40	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP	
MW-120	8/10-11/2015	107.11	8.53	0.00	98.58	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP	
MW-120	11/16-18/2015	107.11	4.94	0.00	102.17	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.0019	LFP	
MW-120	5/13-14/2016	107.11	7.81	0.00	99.30													WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY
MW-120	11/14/2016	107.11	6.47	0.00	100.64	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-120	05/14/2017	107.11	6.67	0.00	100.44	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-120	11/11-12/2017	107.11	6.69	0.00	100.42													LFP
MW-120	05/11/2018	107.11	7.49	0.00	99.62	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-120	11/11-12/2018	107.11	7.46	0.00	99.65													LFP
MW-120	04/27/2019	107.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-120	11/03/2019	107.11	7.50	0.00	99.61	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
MW-120	Nov 2019	107.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	02/14/1991	107.74	--	--	--	5,100	--	<250	--	--	--	--	--	--	--	--	--	
B-1	02/14/1992	107.74	6.90	0.00	100.84	--	--	--	--	--	--	--	--	--	--	--	--	
B-1	02/18/1992	107.74	6.72	0.00	101.02	--	--	--	--	--	--	--	--	--	--	--	--	
B-1	03/13/1992	107.74	6.93	0.00	100.81	<50	--	--	--	--	--	--	--	--	--	--	--	
B-1	04/21/1992	107.74	6.66	0.00	101.08	--	--	--	--	--	--	--	--	--	--	--	--	
B-1	08/22/1995	107.74	8.03	0.00	99.71	<50	--	<250	--	<750	--	--	--	--	--	--	--	
B-1	11/28/1995	107.74	6.13	0.00	101.61	<50	--	<250	--	<750	--	--	--	--	--	--	--	<2
B-1	03/11/1996	107.74	6.99	0.00	100.75	<50	--	<250	--	<750	--	--	--	--	--	--	--	7.5
B-1	06/26/1996	107.74	7.73	0.00	100.01	<50	--	<250	--	<750	--	--	--	--	--	--	--	<2
B-1	10/09/1996	107.74	8.05	0.00	99.69	<50	--	<250	--	<750	--	--	--	--	--	--	--	<2
B-1	02/12/1997	107.74	6.46	0.00	101.28	<50	--	<250	--	<750	--	--	--	--	--	--	--	<2
B-1	04/22/1997	107.74	6.25	0.00	101.49	<50	--	<250	--	<750	--	--	--	--	--	--	--	<2
B-1	08/05/1997	107.74	8.20	0.00	99.54	<50	--	<250	--	<750	--	--	--	--	--	--	--	<2
B-1	11/11/1997	107.74	6.84	0.00	100.90	<50	--	300	--	<750	--	--	--	--	--	--	--	<2
B-1	02/11/1998	107.74	6.70	0.00	101.04	<50	--	<250	--	<750	--	--	--	--	--	--	--	<2
B-1	05/28/1998	107.74	6.85	0.00	100.89	<50	--	<250	--	<750	--	--	--	--	--	--	--	<1
B-1	08/20/1998	107.74	9.42	0.00	98.32	<50	--	<250	--	<750	--	--	--	--	--	--	--	<1
B-1	11/19/1998	107.74	7.43	0.00	100.31	<50	--	<250	--	<750	--	--	--	--	--	--	--	<1
B-1	03/11/1999	107.74	6.34	0.00	101.40	<80	--	<250	--	<750	--	--	--	--	--	--	--	<1
B-1	05/25/1999	107.74	7.60	0.00	100.14	<80	--	<1,450	--	--	--	--	--	--	--	--	--	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
B-1	08/17/1999	107.74	8.28	0.00	99.46	<80	--	<250	--	<500	--	--	--	--	--	<1	
B-1	11/19/1999	107.74	5.90	0.00	101.84	<80	--	<250	--	101.84	--	--	--	--	--	<1	
B-1	03/09/2000	107.74	6.38	0.00	101.36	<80	--	<250	--	<500	--	--	--	--	--	<1	
B-1	06/12/2000	107.74	6.26	0.00	101.48	<80	--	<250	--	<500	--	--	--	--	--	<1	
B-1	09/26/2000	107.74	8.51	0.00	99.23	--	--	<250	--	<500	--	--	--	--	--	<1	
B-1	12/13/2000	107.74	7.69	0.00	100.05	--	--	<250	--	<500	--	--	--	--	--	<1	
B-1	02/28/2001	107.74	7.37	0.00	100.37	<80	--	<250	--	<500	--	--	--	--	--	<1	
B-1	05/02/2001	107.74	6.69	0.00	101.05	109	--	<250	--	<500	--	--	--	--	--	<1	
B-1	12/30/2003	107.74	6.11	0.00	101.63	<98	--	<50	--	<78	<0.5	<0.5	<0.5	<1.5	--	<1.2	LFP
B-1	10/06/2004	107.74	8.87	0.00	98.87	<50	--	81	--	100	--	--	--	--	--	--	LFP
B-1	10/24/2005	107.74	7.96	0.00	99.78	<48	--	<81	--	<100	--	--	--	--	--	--	LFP
B-1	09/05/2007	107.74	8.60	0.00	99.14	<50	--	<80	--	<100	--	--	--	--	--	0.13	LFP
B-1	5/27-28/2008	107.74	7.85	0.00	99.89	<50	--	<75	--	<94	<0.5	0.6	<0.5	<0.5	<0.5	<0.050	LFP
B-1	8/27-29/2008	107.74	8.00	0.00	99.74	<50	--	<82	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-1	11/17-19/2008	107.74	6.39	0.00	101.35	<50	--	83	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-1	2/16-18/2009	107.74	7.55	0.00	100.19	<50	--	300	--	2,000	<0.5	<0.5	<0.5	<0.5	<0.5	0.098	LFP
B-1	5/4-6/2009	107.74	6.47	0.00	101.27	<50	--	39	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-1	8/19-21/2009	107.74	8.54	0.00	99.20	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-1	11/18-20/2009	107.74	5.35	0.00	102.39	66	--	60	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
B-1	2/8-10/2010	107.74	6.89	0.00	100.85	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-1	5/12-13/2010	107.74	7.34	0.00	100.40	<50	--	70	--	82	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-1	08/11/2010	107.74	8.16	0.00	99.58	<50	--	<30	--	83	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-1	11/3-4/2010	107.74	6.02	0.00	101.72	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-1	2/3-4/2011	107.74	7.03	0.00	100.71	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-1	05/24/2011	107.74	7.10	0.00	100.64	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-1	8/23-24/11	107.74	8.46	0.00	99.28	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
B-1	11/7-9/2011	107.74	8.10	0.00	99.64	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
B-1	2/6-8/2012	107.74	6.75	0.00	100.99	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
B-1	5/2-4/2012	107.74	6.45	0.00	101.29	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
B-1	8/1-3/2012	107.74	8.23	0.00	99.51	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034	LFP
B-1	11/26-28/2012	107.74	6.29	0.00	101.45	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
B-1	2/4-6/2013	107.74	6.81	0.00	100.93	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
B-1	5/6-8/2013	107.74	8.66	0.00	99.08	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
B-1	9/9-13/2013	107.74	7.18	0.00	100.56	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-1	11/18-22/2013	107.74	6.64	0.00	101.10	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-1	2/4-11/2014	107.74	7.25	0.00	100.49	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-1	6/12-14/2014	107.74	7.87	0.00	99.87	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-1	8/18-21/14	107.74	8.40	0.00	99.34	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-1	11/19-20/2014	107.74	7.43	0.00	100.31	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-1	2/17-20/2015	107.74	6.79	0.00	100.95	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-1	5/11-15/2015	107.74	8.77	0.00	98.97	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-1	8/10-11/2015	107.74	8.80	0.00	98.94	<50	89	<28	74	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP
B-1	11/16-18/2015	107.74	4.69	0.00	103.05	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.00063	LFP
B-1	5/13-14/2016	107.74	7.80	0.00	99.94	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.13	LFP
B-1	11/14/2016	107.74	6.15	0.00	101.59	<50	--	51	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
B-1	05/14/2017	107.74	6.51	0.00	101.23	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
B-1	11/11-12/2017	107.74	7.42	0.00	100.32	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.11	LFP
B-1	05/11/2018	107.74	7.31	0.00	100.43	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11	LFP
B-1	11/11-12/2018	107.74	7.48	0.00	100.26	<19	--	30	--	<67	<0.2	<0.2	<0.4	<1	--	<1.1	
B-1	04/27/2019	107.74	7.23	0.00	100.51	<19	--	32 J	--	<66	<0.2	<0.2	<0.4	<1	--	<1.1	
B-1	11/03/2019	107.74	7.45	0.00	100.29	<19	--	<29	--	<66	<0.2	<0.2	<0.4	<1	--	0.30 J	
B-1	05/06/2020	107.74	7.46	0.00	100.28	32.9 B J	<200	--	--	<250	<1.00	<1.00	<1.00	<3.00	--	<5.00	
B-1	11/7/2020	107.74	6.6	0.00	101.14	--	--	--	--	--	--	--	--	--	--	--	
B-1	05/24/2021	107.74	7.92	0.00	99.82	462 B	137 J	137 J	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	
B-1 DUP	05/24/2021	108.99	--	--	--	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	
B-1	11/29/2021	107.74	6.52	0.00	101.22	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	05/23/2022	107.74	6.98	0.00	100.76	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	11/29/2022	107.74	7.17	0.00	100.57	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	01/20/2023	107.74	6.35	0.00	101.39	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	05/15/2023	107.74	6.22	0.00	101.52	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	11/29/2023	107.74	8.66	0.00	99.08	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	05/02/2024	107.74	7.22	0.00	100.52	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-1	10/31/2024	107.74	7.65	0.00	100.09	--	--	--	--	--	--	--	--	--	--	--	Well Removed from Sampling Program - Gauging Only
B-2	02/14/1991	108.99	--	--	--	180	--	<250	--	--	--	--	--	--	--	--	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
B-2	02/14/1992	108.99	8.08	0.00	100.91	--	--	--	--	--	--	--	--	--	--	--	
B-2	02/18/1992	108.99	7.97	0.00	101.02	--	--	--	--	--	--	--	--	--	--	--	
B-2	03/09/1992	108.99	7.88	0.00	101.11	--	--	--	--	--	--	--	--	--	--	--	
B-2	03/13/1992	108.99	8.12	0.00	100.87	--	--	--	--	--	--	--	--	--	--	--	
B-2	04/21/1992	108.99	7.82	0.00	101.17	--	--	--	--	--	--	--	--	--	--	--	
B-2	08/22/1995	108.99	9.30	0.00	99.69	<50	--	<250	--	<750	--	--	--	--	--	--	
B-2	11/27/1995	108.99	7.33	0.00	101.66	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	03/12/1996	108.99	8.20	0.00	100.79	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	06/27/1996	108.99	8.95	0.00	100.04	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	10/10/1996	108.99	9.28	0.00	99.71	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	02/12/1997	108.99	7.73	0.00	101.26	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	04/22/1997	108.99	7.41	0.00	101.58	<50	--	<250	--	<750	--	--	--	--	--	--	2
B-2	08/05/1997	108.99	9.40	0.00	99.59	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	11/11/1997	108.99	8.00	0.00	100.99	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	02/11/1998	108.99	7.90	0.00	101.09	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-2	05/28/1998	108.99	8.03	0.00	100.96	<50	--	<250	--	<750	--	--	--	--	--	--	<1
B-2	08/20/1998	108.99	10.64	0.00	98.35	<50	--	<250	--	<750	--	--	--	--	--	--	<1
B-2	11/19/1998	108.99	8.67	0.00	100.32	<50	--	<250	--	<750	--	--	--	--	--	--	<1
B-2	03/11/1999	108.99	7.56	0.00	101.43	<80	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	05/25/1999	108.99	8.82	0.00	100.17	<80	--	<250	--	<1,600	--	--	--	--	--	--	--
B-2	08/17/1999	108.99	9.51	0.00	99.48	<80	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	11/19/1999	108.99	7.08	0.00	101.91	<80	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	03/09/2000	108.99	7.59	0.00	101.40	<80	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	06/12/2000	108.99	8.00	0.00	100.99	<80	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	09/26/2000	108.99	9.74	0.00	99.25	--	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	12/13/2000	108.99	8.91	0.00	100.08	--	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	02/28/2001	108.99	8.59	0.00	100.40	<80	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	05/02/2001	108.99	7.89	0.00	101.10	<80	--	<250	--	<500	--	--	--	--	--	--	<1
B-2	12/30/2003	108.99	7.36	0.00	101.63	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	<1.2
B-2	10/06/2004	108.99	7.65	0.00	101.34	<50	--	<79	--	<99	--	--	--	--	--	--	LFP
B-2	07/18/2005	108.99	9.20	0.00	99.79	<48	--	<77	--	<96	--	--	--	--	--	--	LFP
B-2	10/21/2005	108.99	9.17	0.00	99.82	<48	--	<82	--	<100	--	--	--	--	--	--	LFP
B-2	09/05/2007	108.99	9.83	0.00	99.16	<50	--	<81	--	<100	--	--	--	--	--	--	0.1
B-2	8/27-29/2008	108.99	9.28	0.00	99.71	<50	--	<80	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-2	11/17-19/2008	108.99	7.57	0.00	101.42	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-2	2/16-18/2009	108.99	8.77	0.00	100.22	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.070	LFP
B-2	5/4-6/2009	108.99	7.69	0.00	101.30	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-2	8/19-21/2009	108.99	9.75	0.00	99.24	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-2	11/18-20/2009	108.99	6.46	0.00	102.53	<50	--	94	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
B-2	2/8-10/2010	108.99	8.10	0.00	100.89	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-2	5/12-13/2010	108.99	8.55	0.00	100.44	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-2	08/11/2010	108.99	9.38	0.00	99.61	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	11/3-4/2010	108.99	7.20	0.00	101.79	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	2/3-4/2011	108.99	8.25	0.00	100.74	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	05/24/2011	108.99	8.33	0.00	100.66	<50	--	<30	--	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	8/23-24/11	108.99	9.70	0.00	99.29	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.26	LFP
B-2	11/7-9/2011	108.99	9.30	0.00	99.69	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
B-2	2/6-8/2012	108.99	7.95	0.00	101.04	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
B-2	5/2-4/2012	108.99	7.40	0.00	101.59	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
B-2	8/1-3/2012	108.99	8.20	0.00	100.79	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034	LFP
B-2	11/26-28/2012	108.99	7.47	0.00	101.52	<50	--	<37	--	<86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
B-2	2/4-6/2013	108.99	8.04	0.00	100.95	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
B-2	5/6-8/2013	108.99	8.89	0.00	100.10	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
B-2	9/9-13/2013	108.99	8.41	0.00	100.58	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	11/18-22/2013	108.99	7.77	0.00	101.22	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	2/4-11/2014	108.99	8.47	0.00	100.52	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	6/12-14/2014	108.99	8.91	0.00	100.08	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	8/18-21/14	108.99	9.53	0.00	99.46	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	11/19-20/2014	108.99	8.54	0.00	100.45	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	2/17-20/2015	108.99	7.93	0.00	101.06	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	5/11-15/2015	108.99	8.91	0.00	100.08	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	8/10-11/2015	108.99	10.01	0.00	98.98	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	1.20	LFP
B-2	11/16-18/2015	108.99	5.75	0.00	103.24	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.00060	LFP
B-2	5/13-14/2016	108.99	9.02	0.00	99.97	<50	--	37	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.13	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
B-2	11/14/2016	108.99	7.47	0.00	101.52	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
B-2	05/14/2017	108.99	7.72	0.00	101.27	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
B-2	11/11-12/2017	108.99	6.41	0.00	102.58	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.11	LFP
B-2	05/11/2018	108.99	8.47	0.00	100.52	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11	
B-2	11/11-12/2018	108.99	8.63	0.00	100.36	<19	--	<29	--	<67	<0.2	<0.2	<0.4	<1	--	<1.1	
B-2	04/27/2019	108.99	8.43	0.00	100.56	<19	--	31 J	--	<66	<0.2	<0.2	<0.4	<1	--	<1.1	
B-2	11/03/2019	108.99	8.66	0.00	100.33	<19	--	67 J	--	<66	<0.2	<0.2	<0.4	<1	--	1.2	
B-2	05/06/2020	108.99	8.67	0.00	100.32	32.6 B J	<200	--	--	<250	<1.00	<1.00	<1.00	<3.00	--	<5.00	
B-2	11/7/2020	108.99	7.59	0.00	101.40	--	--	--	--	--	--	--	--	--	--	--	
B-2	05/24/2021	108.46	9.17	0.00	99.29	258 B	657	92.0 J	147 J	<250	<1.00	<1.00	5.4	0.243 J	--	<6.00	
B-2	11/29/2021	108.99	7.71	0.00	101.28	<100	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<6.00	
B-2	05/23/2022	108.99	8.18	0.00	100.81	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	
B-2	11/29/2022	108.99	8.06	0.00	100.93	57.7 B J	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	5.18	
B-2	01/20/2023	108.99	7.49	0.00	101.50	37.9 B J	<200	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<2.00	
B-2	05/15/2023	108.99	8.50	0.00	100.49	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	0.232 J	--	0.901 B J	
B-2-DUP	05/15/2023	--	--	--	--	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<2.00	
B-2	11/29/2023	108.99	8.46	0.00	100.53	<100	<200	<200	106 J	106 J	<1.00	<1.00	<1.00	<3.00	--	<2.00	
B-2-DUP	11/29/2023	--	--	--	--	<100	82.0 J	82.0 J	188 J	188 J	<1.00	<1.00	<1.00	<3.00	--	2.50	
B-2	05/02/2024	108.99	8.56	0.00	100.43	33.1 B J	<200	--	147 J	--	<1.00	<1.00	<1.00	<3.00	--	<2.00	
B-2-DUP	05/02/2024	--	--	--	--	34.5 B J	<200	--	175 J	--	<1.00	<1.00	<1.00	<3.00	--	<2.00	
B-2	10/31/2024	108.99	8.94	0.00	100.05	--	--	--	--	--	--	--	--	--	--	--	
B-3	02/14/1991	108.46	--	--	--	98,000	--	<250	--	--	--	--	--	--	--	--	
B-3	02/14/1992	108.46	7.82	0.00	100.64	--	--	--	--	--	--	--	--	--	--	--	
B-3	02/18/1992	108.46	7.82	0.00	100.64	--	--	--	--	--	--	--	--	--	--	--	
B-3	03/09/1992	108.46	7.55	0.00	100.91	--	--	--	--	--	--	--	--	--	--	--	
B-3	03/13/1992	108.46	7.82	0.00	100.64	28,000	--	31,000	--	--	--	--	--	--	--	--	
B-3	04/21/1992	108.46	7.50	0.00	100.96	--	--	--	--	--	--	--	--	--	--	--	
B-3	03/03/1994	108.46	--	--	--	43,000	--	3,940	--	--	<750	--	--	--	--	--	
B-3	08/23/1995	108.46	8.93	0.00	99.53	46,000	--	2,600	--	--	<750	--	--	--	--	--	
B-3	11/28/1995	108.46	7.12	0.00	101.34	63,000	--	1,500	--	--	<750	--	--	--	--	--	
B-3	03/12/1996	108.46	7.85	0.00	100.61	42,000	--	900	--	--	<750	--	--	--	--	--	
B-3	06/27/1996	108.46	8.67	0.00	99.79	37,900	--	1,510	--	1,080	--	--	--	--	--	--	
B-3	10/10/1996	108.46	8.97	0.00	99.49	16,200	--	729	--	<750	--	--	--	--	--	--	
B-3	02/12/1997	108.46	7.55	0.00	100.91	35,200	--	4,060	--	986	--	--	--	--	--	--	
B-3	04/22/1997	108.46	7.30	0.00	101.16	31,900	--	3,980	--	767	--	--	--	--	--	--	
B-3	08/02/1997	108.46	9.05	0.00	99.41	20,400	--	3,370	--	1,270	--	--	--	--	--	--	
B-3	11/11/1997	108.46	6.76	0.00	101.70	28,400	--	3,230	--	777	--	--	--	--	--	--	
B-3	02/11/1998	108.46	7.54	0.00	100.92	28,400	--	3,240	--	1,460	--	--	--	--	--	--	
B-3	05/28/1998	108.46	7.76	0.00	100.70	34,600	--	3,360	--	<750	--	--	--	--	29.5	--	
B-3	08/20/1998	108.46	10.30	0.00	98.16	32,900	--	2,150	--	<750	--	--	--	--	<1.89	--	
B-3	11/19/1998	108.46	8.39	0.00	100.07	23,800	--	6,650	--	<3,750	--	--	--	--	--	--	
B-3	03/11/1999	108.46	7.15	0.00	101.31	17,000	--	2,920	--	<5,000	--	--	--	--	--	--	
B-3	05/25/1999	108.46	8.50	0.00	99.96	30,500	--	1,850	--	--	--	--	--	--	--	--	
B-3	08/17/1999	108.46	9.15	0.00	99.31	29,600	--	2,570	--	711	--	--	--	--	--	--	
B-3	11/19/1999	108.46	6.76	0.00	101.70	30,700	--	7,880	--	--	--	--	--	--	--	--	
B-3	03/09/2000	108.46	7.24	0.00	101.22	10,400	--	<250	--	<500	--	--	--	--	--	--	
B-3	06/13/2000	108.46	8.15	0.00	100.31	23,000	--	<250	--	<500	--	--	--	--	--	--	
B-3	09/26/2000	108.46	9.35	0.00	99.11	--	--	<250	--	<500	--	--	--	--	--	--	
B-3	12/13/2000	108.46	8.58	0.00	99.88	21,600	--	<250	--	<500	--	--	--	--	--	--	
B-3	02/28/2001	108.46	8.28	0.00	100.18	25,700	--	<250	--	<500	--	--	--	--	--	--	
B-3	05/02/2001	108.46	7.79	0.00	100.67	17,200	--	<250	--	<500	--	--	--	--	--	--	
B-3	12/30/2003	108.46	7.04	0.00	101.42	-980	--	14,000	--	3,800	<5.0	1.9	130	61	--	17.3	
B-3	07/20/2004	108.46	9.31	0.00	99.15	13,200	--	1,220	--	<500	12.5	<10.0	874	204	--	24.6	
B-3	10/06/2004	108.46	8.68	0.00	99.78	13,000	--	1,200	--	<500	--	--	--	--	--	--	
B-3	01/27/2005	108.46	7.70	0.00	100.76	6,200	--	1,100	--	<190	--	--	--	--	--	--	LFP
B-3	04/12/2005	108.46	7.21	0.00	101.25	5,300	--	1,200	--	<100	--	--	--	--	--	--	LFP
B-3	07/18/2005	108.46	8.83	0.00	99.63	6,400	--	1,200	--	<97	--	--	--	--	--	--	LFP
B-3	10/21/2005	108.46	8.85	0.00	99.61	8,900	--	2,400	--	<510	--	--	--	--	--	--	LFP
B-3	09/04/2007	108.46	9.41	0.00	99.05	10,000	--	1,500	--	<200	--	--	--	--	--	--	LFP
B-3	5/27-28/2008	108.46	8.73	0.00	99.73	3,700	--	2,400	--	<540	2	2	98	3	<0.5	20.2	LFP
B-3	8/27-29/2008	108.46	8.85	0.00	99.61	10,000	--	2,400	--	<98	5	2	230	17	<0.5	21.5	LFP
B-3	11/17-19/2008	108.46	7.13	0.00	101.33	7,100	--	1,700	--	<690	<0.5	<0.5	57	2	<0.5	20	LFP
B-3	2/16-18/2009	108.46	8.40	0.00	100.06	8,800	--	1,900	--	<340	180	130	130	21	<0.5	19.5	LFP
B-3	5/4-6/2009	108.46	7.65	0.00	100.81	5,800	--	2,400	--	<340	68	15	120	7	<0.5	13.1	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments	
B-3	8/19-21/2009	108.46	9.33	0.00	99.13	5,900	--	2,900	--	<360	39	10	170	16	<0.5	19	LFP	
B-3	11/18-20/2009	108.46	6.35	0.00	102.11	2,500	--	2,200	--	<340	1	<0.5	12	1	<0.5	16.5	LFP	
B-3	2/8-10/2010	108.46	7.73	0.00	100.73	6,200	--	1,700	--	140	2	<0.5	25	1	<0.5	9.9	LFP	
B-3	5/12-13/2010	108.46	8.18	0.00	100.28	8,200	--	1,200	--	<68	2	<0.5	47	2	<0.5	10.3	LFP	
B-3	08/11/2010	108.46	9.00	0.00	99.46	5,900	--	2,700	--	<340	7	1.0	270	20	<0.5	19.3	LFP	
B-3	11/3-4/2010	108.46	6.96	0.00	101.50	3,100	--	2,500	--	<350	0.60	<0.5	24	1	<0.5	13.3	LFP	
B-3	2/3-4/2011	108.46	6.70	0.00	101.76	4,900	--	1,400	--	<340	0.80	<0.5	53	2	<0.5	10.2	LFP	
B-3	05/24/2011	108.46	7.96	0.00	100.50	1,800	--	1,200	--	300	1	<0.5	76	3	<0.5	14	LFP	
B-3	8/23-24/11	108.46	9.24	0.00	99.22	3,700	--	960	--	<72	8	2	160	8	<0.5	11.7	LFP	
B-3	11/7-9/2011	108.46	8.95	0.00	99.51	5,800	--	1,500	--	460	7	2	180	6	<0.5	12.3	LFP	
B-3	2/6-8/2012	108.46	7.40	0.00	101.06	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	4.4	LFP	
B-3	5/2-4/2012	108.46	7.50	0.00	100.96	1,300	--	53	--	<72	<0.5	<0.5	19	<0.5	0.7	3.9	LFP	
B-3	1/1-3/2012	108.46	8.24	0.00	100.22	600	--	460	--	110	0.6	<0.5	1	<0.5	<0.5	8.0	LFP	
B-3	11/26-28/2012	108.46	6.98	0.00	101.48	500	--	73	--	<68	<0.5	<0.5	0.8	<0.5	<0.5	7.4	LFP	
B-3	2/4-6/2013	108.46	6.33	0.00	102.13	120	--	45	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	5.6	LFP	
B-3	5/6-8/2013	108.46	8.50	0.00	99.96	2,600	--	150	--	<67	<0.5	<0.5	73	3	<0.5	8.9	LFP	
B-3	9/9-13/2013	108.46	8.09	0.00	100.37	1,700	2,700	160	72	<66	0.6	<0.5	37	0.9	<0.5	16.0	LFP	
B-3	11/18-22/2013	108.46	6.45	0.00	102.01	190	1,600	42	180	<67	<0.5	<0.5	<0.5	<0.5	<0.5	11.2	LFP	
B-3	2/4-11/2014	108.46	8.10	0.00	100.36	480	730	36	<67	<67	<0.5	<0.5	2	<0.5	<0.5	7.4	LFP	
B-3	6/12-14/2014	108.46	8.69	0.00	99.77	260	780	100	100	<66	<0.5	<0.5	1	<0.5	<0.5	8.3	LFP	
B-3	8/18-21/14	108.46	9.23	0.00	99.23	1,000	1,000	180	170	<68	<0.5	<0.5	9	0.7	<0.5	8.9	LFP	
B-3	11/19-20/2014	108.46	8.17	0.00	100.29	900	1,400	130	160	<67	<0.5	<0.5	7	<0.5	<0.5	13.4	LFP	
B-3	2/17-20/2015	108.46	6.36	0.00	102.10	650	490	150	180	<66	<0.5	<0.5	<0.5	<0.5	<0.5	2.9	LFP	
B-3	5/11-15/2015	108.46	8.16	0.00	100.30	1,400	690	120	<66	<66	<0.5	<0.5	33	0.9	<0.5	0.0081	LFP	
B-3	8/10-11/2015	108.46	9.59	0.00	98.87	660	2,000	130	550	<67	<0.5	<0.5	5	0.5	<0.5	9.5	LFP	
B-3	11/16-18/2015	108.46	5.58	0.00	102.88	880	1,200	57	180	<67	<0.5	<0.5	2	<0.5	<0.5	0.0185	LFP	
B-3	5/13-14/2016	108.46	8.64	0.00	99.82	400	650	38	220	<67	<0.5	<0.5	1	<0.5	--	5.1	LFP	
B-3	11/14/2016	108.46	7.45	0.00	101.01	560	380	<29	<67	<67	<0.5	<0.5	1	<0.5	--	10.6	LFP	
B-3	05/14/2017	108.46	7.44	0.00	101.02	230	92	<28	<66	<66	<0.5	<0.5	1	<0.5	--	2.3	LFP	
B-3	11/11-12/2017	108.46	7.47	0.00	100.99	860	270	32	<67	<67	3	<0.5	2	<0.5	--	11.4	LFP	
B-3	05/11/2018	108.46	8.14	0.00	100.32	900	82	33	68	<67	<0.5	<0.5	5	<0.5	<0.5	0.76	LFP	
B-3	11/11-12/2018	108.46	8.24	0.00	100.22	2,100	2,800	180	370	<66	0.9	0.3	5	<1	--	11.1	LFP	
B-3	04/27/2019	108.46	8.02	0.00	100.44	<19	--	160	--	<66	<0.2	<0.2	<0.4	<1	--	3.4	LFP	
B-3	11/03/2019	108.46	8.25	0.00	100.21	1,500	1,400	90 J	84 J	<67	0.2 J	0.3 J	8	<1	--	8.2	LFP	
B-3	05/06/2020	108.46	8.35	0.00	100.11	92.3 B J	273	79.5 J	--	104 J	<1.00	<1.00	<1.00	<3.00	--	<5.00	LFP	
B-3	11/7/2020	108.46	7.51	0.00	100.95	807	1,280	122 B J	386	<250	0.240 J	<1.00	1.52	0.315 J	--	5.89	LFP	
B-3	05/24/2021	108.46	8.85	0.00	98.83	<100	83.0 J	83.0 J	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	LFP	
B-3	11/29/2021	108.46	7.31	0.00	101.15	<100	176 J	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	5.52	LFP	
B-3	05/23/2022	108.46	7.79	0.00	100.67	56.4 B J	171 J	171 J	<250	<250	<1.00	<1.00	<1.00	<3.00	--	3.21 J	LFP	
B-3	11/29/2022	108.46	8.12	0.00	100.34	219,000	6,640	378	211 J	<250	6,770	48,300	3,280	20,400	--	14.5	LFP	
B-3	01/20/2023	108.46	7.05	0.00	101.41	130,000	3,520	--	<250	--	2,230	28,800	3,010	19,000	--	9.24 B	LFP	
B-3	05/15/2023	108.46	8.22	0.00	100.24	91,400	2,430	590	204 J	<250	2,420	28,100	2,530	15,200	--	7.65 B	LFP	
B-3	11/29/2023	108.46	7.87	0.00	100.59	99,500	5,100	968	706	<500	1,670	23,500	2,230	15,400	--	<2.00	LFP	
B-3	05/02/2024	108.46	8.27	0.00	100.19	64,700	2,210	--	292	--	1,740	14,000	1,870	10,200	--	9.03	LFP	
B-3	10/31/2024	108.46	8.67	0.00	99.79	--	--	--	--	--	--	--	--	--	--	--	--	LFP
B-4	02/14/1991	107.68	--	--	--	33,000	--	<250	--	--	--	--	--	--	--	--	--	LFP
B-4	02/14/1992	107.68	6.82	0.00	100.86	--	--	--	--	--	--	--	--	--	--	--	--	LFP
B-4	02/18/1992	107.68	5.94	0.00	101.74	--	--	--	--	--	--	--	--	--	--	--	--	LFP
B-4	03/09/1992	107.68	6.62	0.00	101.06	--	--	--	--	--	--	--	--	--	--	--	--	LFP
B-4	03/13/1992	107.68	6.88	0.00	100.80	21,000	--	--	--	--	--	--	--	--	--	--	--	LFP
B-4	04/21/1992	107.68	6.57	0.00	101.11	--	--	--	--	--	--	--	--	--	--	--	--	LFP
B-4	03/03/1994	107.68	--	--	--	15,800	--	1,040	--	--	1,250	--	--	--	--	--	--	LFP
B-4	08/22/1995	107.68	7.92	0.00	99.76	22,000	--	840	--	--	820	--	--	--	--	--	--	LFP
B-4	11/28/1995	107.68	6.11	0.00	101.57	22,000	--	1,900	--	--	990	--	--	--	--	--	3.1	LFP
B-4	03/12/1996	107.68	6.85	0.00	100.83	11,000	--	3,200	--	--	2,500	--	--	--	--	--	4.7	LFP
B-4	06/26/1996	107.68	7.58	0.00	100.10	16,100	--	757	--	--	<750	--	--	--	--	--	2.83	LFP
B-4	10/09/1996	107.68	7.90	0.00	99.78	10,200	--	543	--	--	<750	--	--	--	--	--	4.13	LFP
B-4	02/12/1997	107.68	6.01	0.00	101.67	12,200	--	4,710	--	--	4,830	--	--	--	--	--	2.82	LFP
B-4	04/22/1997	107.68	10.10	0.00	97.58	15,500	--	5,840	--	--	1,191	--	--	--	--	--	4.18	LFP
B-4	08/05/1997	107.68	8.37	0.00	99.31	15,800	--	2,560	--	--	3,160	--	--	--	--	--	6.26	LFP
B-4	11/11/1997	107.68	7.67	0.00	100.01	31,100	--	2,080	--	--	1,040	--	--	--	--	--	4.75	LFP
B-4	02/11/1998	107.68	6.45	0.00	101.23	3,750	--	1,340	--	--	1,630	--	--	--	--	--	<2.0	LFP
B-4	05/28/1998	107.68	7.25	0.00	100.43	2,510	--	3,180	--	--	1,250	--	--	--	--	--	4.69	LFP
B-4	08/20/1998	107.68	9.12	0.00	98.56	7,240	--	1,460	--	--	1,240	--	--	--	--	--	1.17	LFP

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
B-4	11/19/1998	107.68	7.22	0.00	100.46	1,880	--	2,470	--	3,750	--	--	--	--	--	<1.0	
B-4	03/11/1999	107.68	5.41	0.00	102.27	11,900	--	1,130	--	585	--	--	--	--	--	3.54	
B-4	05/25/1999	107.68	7.45	0.00	100.23	5,380	--	<1,450	--	--	--	--	--	--	--	--	
B-4	08/17/1999	107.68	8.06	0.00	99.62	2,700	--	670	--	868	--	--	--	--	--	--	2.3
B-4	11/19/1999	107.68	5.75	0.00	101.93	11,400	--	1,700	--	--	--	--	--	--	--	17.5	
B-4	03/09/2000	107.68	6.34	0.00	101.34	105,000	--	<1,250	--	2,830	--	--	--	--	--	10.9	
B-4	06/13/2000	107.68	6.80	0.00	100.88	8,810	--	<250	--	943	--	--	--	--	--	6.92	
B-4	09/26/2000	107.68	8.31	0.00	99.37	--	--	<250	--	0.565	--	--	--	--	--	5	
B-4	12/13/2000	107.68	7.54	0.00	100.14	--	--	1,250	--	<500	--	--	--	--	--	5.98	
B-4	02/28/2001	107.68	7.24	0.00	100.44	12,100	--	<250	--	<500	--	--	--	--	--	5.34	
B-4	05/02/2001	107.68	6.59	0.00	101.09	12,300	--	15,700	--	757	--	--	--	--	--	5.75	
B-4	12/30/2003	107.68	6.07	0.00	101.61	1,700	--	17,000	--	2,000	<10	<5.0	310	370	--	7.5	
B-4	07/20/2004	107.68	8.23	0.00	99.45	4,660	--	<250	--	<500	15.1	1.3	42.3	10.1	--	--	
B-4	10/06/2004	107.68	7.45	0.00	100.23	2,300	--	390	--	180	--	--	--	--	--	--	
B-4	01/27/2005	107.68	6.72	0.00	100.96	2,800	--	200	--	<195	--	--	--	--	--	--	
B-4	04/12/2005	107.68	6.62	0.00	101.06	2,600	--	340	--	<100	--	--	--	--	--	--	LFP
B-4	07/18/2005	107.68	6.62	0.00	101.06	1,600	--	560	--	<1,100	--	--	--	--	--	--	LFP
B-4	10/21/2005	107.68	7.81	0.00	99.87	1,800	--	190	--	260	--	--	--	--	--	--	LFP
B-4	09/04/2007	107.68	8.40	0.00	99.28	3,200	--	310	--	<100	--	--	--	--	--	1.8	
B-4-DUP	09/04/2007	107.68	8.40	0.00	99.28	3,300	--	340	--	140	--	--	--	--	--	1.7	
B-4	5/27-28/2008	107.68	7.52	0.00	100.16	1,800	--	310	--	330	3	3	25	7	<0.5	2.9	
B-4	8/27-29/2008	107.68	7.88	0.00	99.80	3,100	--	330	--	1,100	1	0.9	22	4	<0.5	1.6	
B-4	11/17-19/2008	107.68	6.26	0.00	101.42	3,500	--	700	--	2,600	1	0.7	27	3	<0.5	2.3	
B-4	2/16-18/2009	107.68	7.40	0.00	100.28	2,000	--	440	--	480	0.6	<0.5	11	2	<0.5	2	
B-4	5/4-6/2009	107.68	6.46	0.00	101.22	2,100	--	590	--	1,300	<0.5	<0.5	20	2	<0.5	1.6	
B-4	8/19-21/2009	107.68	8.35	0.00	99.33	910	--	590	--	810	1	<0.5	5	1	<0.5	1.2	
B-4	11/18-20/2009	107.68	5.30	0.00	102.38	5,700	--	490	--	450	3	0.7	36	3	<0.5	5.2	
B-4	2/8-10/2010	107.68	6.78	0.00	100.90	350	--	400	--	1,400	<0.5	<0.5	4	<0.5	<0.5	0.46	
B-4	5/12-13/2010	107.68	7.23	0.00	100.45	360	--	940	--	7,100	<0.5	<0.5	1	<0.5	<0.5	0.15	
B-4	08/11/2010	107.68	8.00	0.00	99.68	170	--	600	--	2,000	<0.5	<0.5	1	<0.5	<0.5	0.26	
B-4	11/3-4/2010	107.68	6.19	0.00	101.49	530	--	400	--	1,500	<0.5	<0.5	4	0.7	<0.5	1	
B-4	2/3-4/2011	107.68	7.15	0.00	100.53	2,200	--	1,400	--	4,700	0.9	0.7	11	1	<0.5	2.9	
B-4	05/24/2011	107.68	7.22	0.00	100.46	840	--	300	--	680	<0.5	<0.5	0.8	<0.5	<0.5	1.2	
B-4	8/23-24/11	107.68	8.50	0.00	99.18	1,400	--	230	--	<68	<0.5	<0.5	1	0.6	<0.5	1.4	
B-4	11/7-9/2011	107.68	8.15	0.00	99.53	950	--	120	--	360	<0.5	<0.5	1	0.5	<0.5	0.57	
B-4	2/6-8/2012	107.68	6.80	0.00	100.88	320	--	64	--	120	<0.5	<0.5	2	<0.5	<0.5	1.6	
B-4	5/2-4/2012	107.68	6.75	0.00	100.93	580	--	110	--	72	<0.5	<0.5	2	<0.5	<0.5	1.7	
B-4	8/1-3/2012	107.68	8.26	0.00	99.42	510	--	100	--	190	<0.5	<0.5	<0.5	<0.5	<0.5	0.83	
B-4	11/26-28/2012	107.68	6.34	0.00	101.34	1,200	--	320	--	210	<0.5	<0.5	8	0.7	<0.5	3.0	
B-4	2/4-6/2013	107.68	6.95	0.00	100.73	1,600	--	150	--	<69	<0.5	<0.5	4	<0.5	<0.5	2.5	
B-4	5/6-8/2013	107.68	7.53	0.00	100.15	2,400	--	140	--	<67	<0.5	<0.5	4	0.5	<0.5	2.4	
B-4	9/9-13/2013	107.68	7.30	0.00	100.38	1,200	250	130	110	<66	<0.5	<0.5	3	0.5	<0.5	1.6	
B-4	11/18-22/2013	107.68	6.76	0.00	100.92	1,200	150	120	<67	<67	<0.5	<0.5	3	<0.5	<0.5	1.9	
B-4	2/4-11/2014	107.68	7.36	0.00	100.32	1,800	170	140	<68	<68	<0.5	<0.5	3	<0.5	<0.5	2.4	
B-4	6/12-14/2014	107.68	7.94	0.00	99.74	1,200	260	120	73	<67	<0.5	<0.5	1	<0.5	<0.5	1.8	
B-4	8/18-21/14	107.68	8.43	0.00	99.25	1,800	300	140	88	<67	<0.5	<0.5	1	0.5	<0.5	1.4	
B-4	11/19-20/2014	107.68	6.77	0.00	100.91	1,300	270	120	<66	<66	<0.5	<0.5	2	<0.5	<0.5	2.4	
B-4	2/17-20/2015	107.68	6.93	0.00	100.75	550	290	95	470	240	<0.5	<0.5	<0.5	<0.5	<0.5	0.73	
B-4	5/11-15/2015	107.68	7.91	0.00	99.77	940	210	130	<66	<66	<0.5	<0.5	1	<0.5	<0.5	0.0016	
B-4	8/10-11/2015	107.68	8.94	0.00	98.74	600	500	66	340	<66	<0.5	<0.5	<0.5	0.6	<0.5	0.89	
B-4	11/16-18/2015	107.68	4.73	0.00	102.95	2,000	750	130	740	270	<0.5	<0.5	4	<0.5	<0.5	0.0171	
B-4	5/13-14/2016	107.68	7.84	0.00	99.84	2,100	390	120	550	300	<0.5	<0.5	0.9	<0.5	--	0.81	
B-4	11/14/2016	107.68	6.30	0.00	101.38	1,200	1,000	400	1,000	610	<0.5	<0.5	<0.5	<0.5	--	1.00	LFP
B-4	05/14/2017	107.68	6.65	0.00	101.03	2,000	1,200	520	2,500	1,100	<0.5	<0.5	<0.5	<0.5	--	12.8	
B-4	11/11-12/2017	107.68	6.57	0.00	101.11	3,600	650	180	700	260	4	<0.5	1	<0.5	--	0.97	
B-4	05/11/2018	107.68	7.39	0.00	100.29	3,600	650	180	700	260	4	<0.5	1	<0.5	--	0.97	
B-4	11/11-12/2018	107.68	7.52	0.00	100.16	1,600	230	110	330	150	<0.2	<0.2	<0.4	<1	--	1.8	
B-4	04/27/2019	107.68	7.31	0.00	100.37	940	--	90 J	--	<68	<0.2	<0.2	<0.4	<1	--	6.9	
B-4	11/03/2019	107.68	7.51	0.00	100.17	1,500	290	120	410	270	<0.2	<0.2	0.4 J	<1	--	36.3	
B-4	05/06/2020	107.68	7.54	0.00	100.14	1,800	230	115 J	--	106 J	<1.00	<1.00	<1.00	<3.00	--	9.59	
B-4	11/7/2020	107.68	6.63	0.00	101.05	1,360	1,490	157 B J	507	<250	<1.00	<1.00	<1.00	<3.00	--	0.857 J	
B-4	05/24/2021	107.68	7.89	0.00	99.79	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	
B-4	11/29/2021	107.68	6.52	0.00	101.16	723	122 J	--	<250	--	<1.00	<1.00	<1.00	<3.00	--	<6.00	
B-4	05/23/2022	107.68	7.07	0.00	100.61	1,100	231	84.6 J	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington

Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments				
B-4	11/29/2022	107.68	7.64	0.00	100.04	112,000	1,400	305	<250	<250	3,050	19,600 E	1,450	8,750	--	3.18					
B-4	01/20/2023	107.68	6.51	0.20	101.17	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL				
B-4	05/15/2023	107.68	6.38	0.06	101.35	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL				
B-4	11/29/2023	107.68	9.08	0.10	98.68	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL				
B-4	05/02/2024	107.68	7.54	0.16	100.27	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of LNAPL				
B-4	10/31/2024	107.68	9.18	0.10	98.58	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of LNAPL				
MW-101	02/14/1992	99.51	6.94	--	92.57	45,000	--	33,000	--	--	--	--	--	--	--	--					
MW-101	02/18/1992	99.51	6.88	--	92.63	--	--	--	--	--	--	--	--	--	--	--					
MW-101	03/09/1992	99.51	6.76	--	92.75	--	--	--	--	--	--	--	--	--	--	--					
MW-101	03/13/1992	99.51	7.02	--	92.49	--	--	--	--	--	--	--	--	--	--	--					
MW-101	04/21/1992	99.51	7.73	--	91.78	--	--	--	--	--	--	--	--	--	--	--					
MW-101	03/03/1994	99.51	--	--	--	73,000	--	1,730	--	<750	--	--	--	--	--	--					
MW-101	08/22/1995	99.51	7.90	--	91.61	12,000	--	1,300	--	<750	--	--	--	--	--	--					
MW-101	11/28/1995	99.51	6.12	--	93.39	49,000	--	1,400	--	<750	--	--	--	--	--	24					
MW-101	03/12/1996	99.51	6.86	--	92.65	43,000	--	760	--	<750	--	--	--	--	--	9.3					
MW-101	06/26/1996	99.51	7.59	--	91.92	22,000	--	656	--	<750	--	--	--	--	--	8.22					
MW-101	10/09/1996	99.51	7.85	--	91.66	5,800	--	309	--	<750	--	--	--	--	--	4.24					
MW-101	02/12/1997	99.51	6.55	--	92.96	33,900	--	1,090	--	<750	--	--	--	--	--	7.04					
MW-101	04/22/1997	99.51	6.31	--	93.20	21,500	--	1,870	--	977	--	--	--	--	--	7.41					
MW-101	11/11/1997	99.51	6.76	--	92.75	23,400	--	952	--	<750	--	--	--	--	--	11.3					
MW-101	02/11/1998	99.51	6.78	--	92.73	28,400	--	793	--	<750	--	--	--	--	--	6.51					
MW-101	05/28/1998	99.51	6.91	--	92.60	11,900	--	798	--	<750	--	--	--	--	--	4.71					
MW-101	08/20/1998	99.51	8.30	--	91.21	4,400	--	414	--	<750	--	--	--	--	--	1.6					
MW-101	11/19/1998	99.51	7.69	--	91.82	5,820	--	714	--	<750	--	--	--	--	--	1.7					
MW-101	03/11/1999	99.51	6.17	--	93.34	38,500	--	1,200	--	<500	--	--	--	--	--	6.82					
MW-101	05/25/1999	99.51	7.47	--	92.04	18,000	--	1,450	--	--	--	--	--	--	--	--					
MW-101	08/17/1999	99.51	7.99	--	91.52	2,940	--	810	--	750	--	--	--	--	--	2.9					
MW-101	11/19/1999	99.51	5.84	--	93.67	16,300	--	1,010	--	--	--	--	--	--	--	15.4					
MW-101	03/09/2000	99.51	6.25	--	93.26	15,800	--	<250	--	<500	--	--	--	--	--	13					
MW-101	06/13/2000	99.51	6.98	--	92.53	4,870	--	<250	--	<500	--	--	--	--	--	4.3					
MW-101	09/26/2000	99.51	8.15	--	91.36	<500	--	--	--	<250	--	--	--	--	--	1.88					
MW-101	12/13/2000	99.51	7.65	--	91.86	<500	--	988	--	442	--	--	--	--	--	1.13					
MW-101	02/28/2001	99.51	7.25	--	92.26	2,710	--	<250	--	<500	--	--	--	--	--	2.45					
MW-101	05/02/2001	99.51	9.55	--	89.96	2,280	--	<250	--	<500	--	--	--	--	--	2.6					
MW-101	12/30/2003	99.54	6.04	0.00	93.50	<96	--	13,000	--	890	<5.0	0.6	260	290	--	27.9					
MW-101	07/20/2004	99.54	8.18	0.00	91.36	1,040	--	<250	--	<500	3.01	<0.500	0.822	1.21	--	<1.0	LFP				
MW-101	10/06/2004	99.51	7.54	0.00	91.97	<260	--	<81	--	<100	--	--	--	--	--	--	LFP				
MW-101	01/27/2005	99.51	6.78	0.00	92.73	2,900	--	190	--	<100	--	--	--	--	--	--	LFP				
MW-101	04/12/2005	99.51	6.32	0.00	93.19	1,700	--	160	--	<100	--	--	--	--	--	--	LFP				
MW-101	07/18/2005	99.51	7.78	0.00	91.73	240	--	93	--	<99	--	--	--	--	--	--	LFP				
MW-101	10/21/2005	99.51	7.75	0.00	91.76	470	--	110	--	<100	--	--	--	--	--	--	LFP				
MW-101	09/05/2007	99.51	8.22	0.00	91.29	200	--	110	--	140	--	--	--	--	--	1.2	LFP				
MW-101	5/27-28/2008	99.51	7.71	0.00	91.80	410	--	<80	--	<99	<0.5	<0.5	0.5	<0.5	<0.5	1.2	LFP				
MW-101	8/27-29/2008	99.51	7.75	0.00	91.76	450	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	<0.5	0.39	LFP				
MW-101	11/17-19/2008	99.51	6.33	0.00	93.18	520	--	74	--	<68	<0.5	<0.5	1	<0.5	<0.5	1.1	LFP				
MW-101	2/16-18/2009	99.51	7.43	0.00	92.08	590	--	68	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.96	LFP				
MW-101	5/4-6/2009	99.51	6.93	0.00	92.58	370	--	66	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.39	LFP				
MW-101	8/19-21/2009	99.51	8.16	0.00	91.35	510	--	65	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP				
MW-101	11/18-20/2009	99.51	4.97	0.00	94.54	84	--	42	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	1	LFP				
MW-101	2/8-10/2010	99.51	6.82	0.00	92.69	970	--	130	--	190	<0.5	<0.5	1	<0.5	<0.5	2.1	LFP				
MW-101	5/12-13/2010	99.51	7.32	0.00	92.19	470	--	64	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.65	LFP				
MW-101	08/12/2010	99.51	7.96	0.00	91.55	370	--	52	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	LFP				
MW-101									NOT PART OF MONITORING/SAMPLING PROGRAM												
MW-102	02/14/1992	--	6.94	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--				
MW-102	02/18/1992	--	6.88	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--				
MW-102	03/09/1992	--	6.76	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--				
MW-102	03/13/1992	--	7.02	0.00	--	150	--	--	--	--	--	--	--	--	--	--	--				
MW-102	04/21/1992	--	7.72	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--				
MW-102									NOT PART OF MONITORING/SAMPLING PROGRAM												
MW-104	02/14/1992	100.45	8.86	0.00	91.59	--	--	--	--	--	--	--	--	--	--	--	--				
MW-104	02/18/1992	100.45	8.84	0.00	91.61	--	--	--	--	--	--	--	--	--	--	--	--				
MW-104	03/09/1992	100.45	8.73	0.00	91.72	--	--	--	--	--	--	--	--	--	--	--	--				
MW-104	03/13/1992	100.45	8.84	0.00	91.61	<50	--	--	--	--	--	--	--	--	--	--	--				
MW-104	04/21/1992	100.45	8.72	0.00	91.73	--	--	--	--	--	--	--	--	--	--	--	--				

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments	
MW-104	08/22/1995	100.45	9.30	0.00	91.15	<50	--	<250	--	<750	--	--	--	--	--	--		
MW-104	11/27/1995	100.45	8.39	0.00	92.06	--	--	--	--	--	--	--	--	--	--	--		
MW-104	03/12/1996	100.45	8.78	0.00	91.67	--	--	--	--	--	--	--	--	--	--	--		
MW-104	06/27/1996	100.45	9.00	0.00	91.45	--	--	--	--	--	--	--	--	--	--	--		
MW-104	10/10/1996	100.45	9.18	0.00	91.27	--	--	--	--	--	--	--	--	--	--	--		
MW-104	02/12/1997	100.45	8.65	0.00	91.80	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-104	04/22/1997	100.45	8.50	0.00	91.95	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-104	08/05/1997	100.45	9.20	0.00	91.25	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-104	11/11/1997	100.45	8.81	0.00	91.64	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-104	02/11/1998	100.45	8.83	0.00	91.62	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0	
MW-104	05/28/1998	100.45	8.97	0.00	91.48	<50	--	<250	--	<750	--	--	--	--	--	--	9.54	
MW-104	08/20/1998	100.45	9.51	0.00	90.94	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-104	11/19/1998	100.45	9.82	0.00	90.63	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0	
MW-104	03/11/1999	100.45	8.48	0.00	91.97	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-104	05/25/1999	100.45	8.96	0.00	91.49	<80	--	<250	--	--	--	--	--	--	--	--	--	
MW-104	08/17/1999	100.45	9.24	0.00	91.21	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-104	11/19/1999	100.45	8.40	0.00	92.05	<80	--	<250	--	--	--	--	--	--	--	--	1.0	
MW-104	03/09/2000	100.45	8.49	0.00	91.96	<80	--	<250	--	<50	--	--	--	--	--	--	<1.0	
MW-104	06/13/2000	100.45	8.89	0.00	91.56	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-104	09/26/2000	100.45	9.32	0.00	91.13	--	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-104	12/13/2000	100.45	9.09	0.00	91.36	--	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-104	02/28/2001	100.45	8.89	0.00	91.56	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-104	05/02/2001	100.45	8.79	0.00	91.66	103	--	<250	--	<500	--	--	--	--	--	--	<1.0	
MW-104	10/31/2003	100.44	9.15	0.00	91.29	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0	
MW-104	12/30/2003	100.44	8.39	0.00	92.05	<96	--	<50	--	<77	<0.5	<0.5	<0.5	<1.5	--	--	<1.2	
MW-104	10/07/2004	100.45	9.09	0.00	91.36	<50	--	<83	--	<100	--	--	--	--	--	--	--	
MW-104	10/20/2005	100.45	9.19	0.00	91.26	<48	--	<82	--	<100	--	--	--	--	--	--	--	
MW-104	09/06/2007	100.45	9.42	0.00	91.03	<50	--	<79	--	<98	--	--	--	--	--	--	0.087	
MW-104	8/27-29/2008	100.45	9.23	0.00	91.22	<50	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	<0.050	
MW-104	11/17-19/2008	100.46	8.75	0.00	91.71	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	<0.050	
MW-104	2/16-18/2009	100.46	9.01	0.00	91.45	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	0.1	
MW-104	5/4-6/2009	100.46	8.88	0.00	91.58	<50	--	38	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	<0.050	
MW-104	8/19-21/2009	100.46	9.32	0.00	91.14	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.057	0.057	
MW-104	11/18-20/2009	100.46	8.08	0.00	92.38	98	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	0.11	
MW-104	2/8-10/2010	100.46	8.76	0.00	91.70	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.053	0.053	
MW-104								MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED										
MW-105	02/14/1992	96.14	3.36	0.00	92.78	--	--	--	--	--	--	--	--	--	--	--		
MW-105	02/18/1992	96.14	3.34	0.00	92.80	--	--	--	--	--	--	--	--	--	--	--		
MW-105	03/09/1992	96.14	3.25	0.00	92.89	--	--	--	--	--	--	--	--	--	--	--		
MW-105	03/13/1992	96.14	3.60	0.00	92.54	<50	--	--	--	--	--	--	--	--	--	--		
MW-105	04/21/1992	96.14	3.40	0.00	92.74	--	--	--	--	--	--	--	--	--	--	--		
MW-105	08/22/1995	96.14	5.08	0.00	91.06	<50	--	<250	--	900	--	--	--	--	--	--		
MW-105	11/28/1995	96.14	2.53	0.00	93.61	--	--	--	--	--	--	--	--	--	--	--		
MW-105	03/12/1996	96.14	3.37	0.00	92.77	--	--	--	--	--	--	--	--	--	--	--		
MW-105	06/26/1996	96.14	4.74	0.00	91.40	--	--	--	--	--	--	--	--	--	--	--		
MW-105	10/09/1996	96.14	4.93	0.00	91.21	--	--	--	--	--	--	--	--	--	--	--		
MW-105	02/12/1997	96.14	3.19	0.00	92.95	<50	--	<250	--	<750	--	--	--	--	--	--	2	
MW-105	04/22/1997	96.14	3.08	0.00	93.06	<50	--	<250	--	<750	--	--	--	--	--	--	2	
MW-105	08/05/1997	96.14	4.85	0.00	91.29	<50	--	<250	--	<750	--	--	--	--	--	--	2	
MW-105	11/11/1997	96.14	3.11	0.00	93.03	<50	--	<250	--	<750	--	--	--	--	--	--	2	
MW-105	02/11/1998	96.14	3.24	0.00	92.90	<50	--	<250	--	<750	--	--	--	--	--	--	2	
MW-105	05/28/1998	96.14	3.91	0.00	92.23	<50	--	<250	--	<750	--	--	--	--	--	--	6.62	
MW-105	08/20/1998	96.14	5.28	0.00	90.86	<50	--	<250	--	<750	--	--	--	--	--	--	<1.00	
MW-105	11/19/1998	96.14	5.37	0.00	90.77	<50	--	<250	--	<750	--	--	--	--	--	--	<1.00	
MW-105	03/11/1999	96.14	2.43	0.00	93.71	<80	--	<250	--	<500	--	--	--	--	--	--	<1.00	
MW-105	05/25/1999	96.14	4.29	0.00	91.85	<80	--	<250	--	--	--	--	--	--	--	--	--	
MW-105	08/17/1999	96.14	5.06	0.00	91.08	<80	--	<250	--	<500	--	--	--	--	--	--	<1.00	
MW-105	11/19/1999	96.14	3.08	0.00	93.06	<80	--	<250	--	--	--	--	--	--	--	--	<1.00	
MW-105	03/09/2000	96.14	2.75	0.00	93.39	<80	--	<250	--	<500	--	--	--	--	--	--	<1.00	
MW-105	06/13/2000	96.14	4.45	0.00	91.69	<80	--	<250	--	<500	--	--	--	--	--	--	<1.00	
MW-105	09/26/2000	96.14	5.20	0.00	90.94	--	--	<250	--	<500	--	--	--	--	--	--	<1.00	
MW-105	12/13/2000	96.14	4.67	0.00	91.47	--	--	<250	--	<500	--	--	--	--	--	--	1.37	
MW-105	02/28/2001	96.14	3.92	0.00	92.22	<80	--	<250	--	<500	--	--	--	--	--	--	<1.00	
MW-105	05/02/2001	96.14	3.53	0.00	92.61	87	--	<250	--	<750	--	--	--	--	--	--	<1.00	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-105	12/31/2003	96.15	2.45	0.00	93.70	<500	--	<50	--	<400	<0.5	<0.5	<0.5	<1.5	--	<1.2	LFP
MW-105	05/03/2004	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-105	07/20/2004	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-105	10/07/2004	96.14	4.71	0.00	91.43	<50	--	<160	--	<200	--	--	--	--	--	--	LFP
MW-105	10/20/2005	96.14	5.16	0.00	90.98	<48	--	<82	--	<100	--	--	--	--	--	--	LFP
MW-105	09/06/2007	96.14	5.34	0.00	90.80	<50	--	<100	--	<81	--	--	--	--	--	0.47	LFP
MW-105	5/27-28/2008	96.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-105	8/27-29/2008	96.14	5.16	0.00	90.98	<50	--	<81	--	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-105	11/17-19/2008	96.14	3.75	0.00	92.39	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-105	2/16-18/2009	96.14	6.15	0.00	89.99	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.57	
MW-105	5/4-6/2009	96.14	3.68	0.00	92.46	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-105	8/19-21/2009	96.14	5.25	0.00	90.89	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.064	
MW-105	11/18-20/2009	96.14	1.56	0.00	94.58	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.053	
MW-105	2/8-10/2010	96.14	3.37	0.00	92.77	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.078	
MW-105																	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED
MW-106	02/14/1992	99.71	8.18	0.00	91.53	--	--	--	--	--	--	--	--	--	--	--	
MW-106	02/18/1992	99.71	8.20	0.00	91.51	--	--	--	--	--	--	--	--	--	--	--	
MW-106	03/09/1992	99.71	8.04	0.00	91.67	--	--	--	--	--	--	--	--	--	--	--	
MW-106	03/13/1992	99.71	8.18	0.00	91.53	<50	--	--	--	--	--	--	--	--	--	--	
MW-106	04/21/1992	99.71	8.02	0.00	91.69	--	--	--	--	--	--	--	--	--	--	--	
MW-106	08/22/1995	99.71	8.79	0.00	90.92	<50	--	<250	--	<750	--	--	--	--	--	--	
MW-106	11/28/1995	99.71	7.63	0.00	92.08	--	--	--	--	--	--	--	--	--	--	--	
MW-106	03/12/1996	99.71	8.04	0.00	91.67	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-106	06/26/1996	99.71	8.61	0.00	91.10	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-106	10/09/1996	99.71	8.65	0.00	91.06	<50	--	<250	--	<750	--	--	--	--	--	--	2.16
MW-106	02/12/1997	99.71	7.95	0.00	91.76	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-106	04/22/1997	99.71	7.73	0.00	91.98	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-106	08/05/1997	99.71	8.68	0.00	91.03	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-106	11/11/1997	99.71	8.07	0.00	91.64	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-106	02/11/1998	99.71	8.12	0.00	91.59	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-106	05/28/1998	99.71	8.35	0.00	91.36	<50	--	<250	--	<750	--	--	--	--	--	--	4.53
MW-106	08/20/1998	99.71	8.96	0.00	90.75	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0
MW-106	11/19/1998	99.71	9.37	0.00	90.34	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0
MW-106	03/11/1999	99.71	7.70	0.00	92.01	<80	--	<250	--	<50	--	--	--	--	--	--	1.1
MW-106	05/25/1999	99.71	8.32	0.00	91.39	<80	--	<250	--	--	--	--	--	--	--	--	
MW-106	08/17/1999	99.71	8.70	0.00	91.01	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-106	11/19/1999	99.71	7.88	0.00	91.83	<80	--	<250	--	--	--	--	--	--	--	--	<1.0
MW-106	03/09/2000	99.71	7.74	0.00	91.97	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-106	06/13/2000	99.71	8.39	0.00	91.32	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-106	09/26/2000	99.71	8.79	0.00	90.92	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-106	12/13/2000	99.71	8.51	0.00	91.20	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-106	02/28/2001	99.71	8.18	0.00	91.53	<80	--	<250	--	<500	--	--	--	--	--	--	<2.0
MW-106	05/02/2001	99.71	8.17	0.00	91.54	88	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-106	10/30/2002	99.73	8.98	0.00	90.75	<80	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0
MW-106	01/23/2003	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-106	04/18/2003	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-106	07/11/2003	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-106	10/31/2003	99.73	8.52	0.00	91.21	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0
MW-106	12/31/2003	99.73	7.54	0.00	92.19	<98	--	<50	--	<78	<0.5	<0.5	<0.5	<1.5	--	--	<1.2
MW-106	05/03/2004	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-106	07/20/2004	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-106	10/07/2004	99.71	8.50	0.00	91.21	<50	--	<78	--	<97	--	--	--	--	--	--	LFP
MW-106	10/20/2005	99.71	8.70	0.00	91.01	<48	--	<82	--	<100	--	--	--	--	--	--	LFP
MW-106	09/06/2007	99.71	8.88	0.00	90.83	<50	--	<80	--	<100	--	--	--	--	--	0.13	LFP
MW-106	5/27-28/2008	99.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-106	8/27-29/2008	99.71	8.72	0.00	90.99	<50	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-106	11/17-19/2008	99.71	8.18	0.00	91.53	<50	--	30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-106	2/16-18/2009	99.71	8.40	0.00	91.31	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.072	
MW-106	5/4-6/2009	99.71	8.30	0.00	91.41	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-106	8/19-21/2009	99.71	8.65	0.00	91.06	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-106	11/18-20/2009	99.71	7.40	0.00	92.31	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	
MW-106	2/8-10/2010	99.71	8.05	0.00	91.66	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-106																	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED
MW-107	02/14/1992	100.00	8.50	0.00	91.50	--	--	--	--	--	--	--	--	--	--	--	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-107	02/18/1992	100.00	8.50	0.00	91.50	--	--	--	--	--	--	--	--	--	--	--	
MW-107	03/09/1992	100.00	8.36	0.00	91.64	--	--	--	--	--	--	--	--	--	--	--	
MW-107	03/13/1992	100.00	8.52	0.00	91.48	<50	--	--	--	--	--	--	--	--	--	--	
MW-107	04/21/1992	100.00	8.36	0.00	91.64	--	--	--	--	--	--	--	--	--	--	--	
MW-107	08/22/1995	100.00	9.06	0.00	90.94	<50	--	<250	--	<750	--	--	--	--	--	--	
MW-107	11/28/1995	100.00	8.00	0.00	92.00	--	--	--	--	--	--	--	--	--	--	--	
MW-107	03/12/1996	100.00	8.36	0.00	91.64	--	--	--	--	--	--	--	--	--	--	--	
MW-107	06/26/1996	100.00	8.89	0.00	91.11	--	--	--	--	--	--	--	--	--	--	--	
MW-107	10/09/1996	100.00	8.94	0.00	91.06	--	--	--	--	--	--	--	--	--	--	--	
MW-107	02/12/1997	100.00	8.25	0.00	91.75	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-107	04/22/1997	100.00	8.05	0.00	91.95	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-107	08/05/1997	100.00	8.95	0.00	91.05	<50	--	<250	--	<809	--	--	--	--	--	--	<2.0
MW-107	11/11/1997	100.00	8.37	0.00	91.63	<50	--	<250	--	750	--	--	--	--	--	--	<2.0
MW-107	02/11/1998	100.00	8.44	0.00	91.56	<50	--	351	--	750	--	--	--	--	--	--	<2.0
MW-107	05/28/1998	100.00	8.73	0.00	91.27	<50	--	<250	--	754	--	--	--	--	--	--	
MW-107	08/20/1998	100.00	9.24	0.00	90.76	<50	--	<250	--	750	--	--	--	--	--	--	1
MW-107	11/19/1998	100.00	9.65	0.00	90.35	<50	--	<250	--	750	--	--	--	--	--	--	<1.0
MW-107	03/11/1999	100.00	8.08	0.00	91.92	<80	--	539	--	750	--	--	--	--	--	--	<1.0
MW-107	05/25/1999	100.00	8.82	0.00	91.18	<80	--	<250	--	<500	--	--	--	--	--	--	
MW-107	08/17/1999	100.00	8.10	0.00	91.90	<80	--	<250	--	--	--	--	--	--	--	--	<1.0
MW-107	11/19/1999	100.00	8.21	0.00	91.79	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-107	03/09/2000	100.00	8.08	0.00	91.92	<80	--	<250	--	--	--	--	--	--	--	--	<1.0
MW-107	06/13/2000	100.00	8.88	0.00	91.12	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-107	09/26/2000	100.00	9.07	0.00	90.93	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-107	12/13/2000	100.00	8.78	0.00	91.22	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-107	02/28/2001	100.00	8.63	0.00	91.37	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-107	05/02/2001	100.00	8.63	0.00	91.37	88	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-107	10/30/2002	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-107	01/23/2003	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-107	04/18/2003	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-107	07/11/2003	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-107	10/31/2003	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-107	12/31/2003	100.00	7.92	0.00	92.08	150	--	<50	--	85	<0.5	<0.5	<0.5	<1.5	--	<1.2	LFP
MW-107	05/03/2004	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-107	07/20/2004	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-107	10/07/2004	100.00	8.78	0.00	91.22	<50	--	<80	--	<100	--	--	--	--	--	--	LFP
MW-107	10/20/2005	100.00	8.97	0.00	91.03	<48	--	<81	--	<100	--	--	--	--	--	--	LFP
MW-107	09/06/2007	100.00	9.18	0.00	90.82	<50	--	<78	--	<98	--	--	--	--	--	0.07	LFP
MW-107	5/27-28/2008	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-107	8/27-29/2008	100.00	8.98	0.00	91.02	<50	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-107	11/17-19/2008	100.00	8.46	0.00	91.54	<50	--	38	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-107	2/16-18/2009	100.00	8.62	0.00	91.38	<50	--	35	--	70	<0.5	<0.5	<0.5	<0.5	<0.5	0.068	
MW-107	5/4-6/2009	100.00	8.95	0.00	91.05	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-107	8/19-21/2009	100.00	9.11	0.00	90.89	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.27	
MW-107	11/18-20/2009	100.00	7.77	0.00	92.23	<50	--	99	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-107	2/8-10/2010	100.00	8.25	0.00	91.75	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-107																	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED
MW-108	02/14/1992	99.79	8.10	0.00	91.69	--	--	--	--	--	--	--	--	--	--	--	
MW-108	02/18/1992	99.79	8.62	0.00	91.17	--	--	--	--	--	--	--	--	--	--	--	
MW-108	03/09/1992	99.79	8.49	0.00	91.30	--	--	--	--	--	--	--	--	--	--	--	
MW-108	03/13/1992	99.79	8.63	0.00	91.16	<50	--	--	--	--	--	--	--	--	--	--	
MW-108	04/21/1992	99.79	8.47	0.00	91.32	--	--	--	--	--	--	--	--	--	--	--	
MW-108	08/22/1995	99.79	9.04	0.00	90.75	<50	--	<250	--	<750	--	--	--	--	--	--	
MW-108	11/28/1995	99.79	7.98	0.00	91.81	--	--	--	--	--	--	--	--	--	--	--	
MW-108	03/12/1996	99.79	8.50	0.00	91.29	--	--	--	--	--	--	--	--	--	--	--	
MW-108	06/26/1996	99.79	8.86	0.00	90.93	--	--	--	--	--	--	--	--	--	--	--	
MW-108	10/09/1996	99.79	8.91	0.00	90.88	--	--	--	--	--	--	--	--	--	--	--	
MW-108	02/12/1997	MISSIONED/SAMPLING DISCONTINUED															
MW-108	04/22/1997	99.79	8.08	0.00	91.71	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-108	08/05/1997	99.79	8.94	0.00	90.85	<50	--	<250	--	825	--	--	--	--	--	--	<2.0
MW-108	11/11/1997	99.79	8.53	0.00	91.26	<50	--	<250	--	<750	--	--	--	--	--	--	<2.0
MW-108	02/11/1998	99.79	8.59	0.00	91.20	<50	--	<250	--	873	--	--	--	--	--	--	<2.0
MW-108	05/28/1998	99.79	8.72	0.00	91.07	<50	--	<250	--	<750	--	--	--	--	--	--	4.27
MW-108	08/20/1998	99.79	9.20	0.00	90.59	<50	--	<250	--	<750	--	--	--	--	--	--	<1.0

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington



Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
MW-108	11/19/1998	99.79	9.60	0.00	90.19	<50	--	<250	--	<750	--	--	--	--	--	<1.0	
MW-108	03/11/1999	99.79	8.16	0.00	91.63	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	05/25/1999	99.79	8.69	0.00	91.10	<80	--	<250	--	--	--	--	--	--	--	--	
MW-108	08/17/1999	99.79	8.96	0.00	90.83	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	11/19/1999	99.79	8.08	0.00	91.71	<80	--	<250	--	--	--	--	--	--	--	<1.0	
MW-108	03/09/2000	99.79	8.16	0.00	91.63	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	06/13/2000	99.79	8.69	0.00	91.10	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	09/26/2000	99.79	9.04	0.00	90.75	--	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	12/13/2000	99.79	8.81	0.00	90.98	--	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	02/28/2001	99.79	8.60	0.00	91.19	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	05/02/2001	99.79	8.53	0.00	91.26	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-108	10/30/2002	99.79	9.24	0.00	90.55	<80	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	
MW-108	01/23/2003	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-108	04/18/2003	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-108	07/11/2003	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-108	10/31/2003	99.79	8.82	0.00	90.97	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.0	--	<1.0	
MW-108	12/31/2003	99.79	7.95	0.00	91.84	<97	--	<50	--	<77	<0.5	<0.5	<0.5	<1.5	--	<1.2	
MW-108	05/03/2004	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-108	07/20/2004	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-108	10/07/2004	99.79	8.80	0.00	90.99	<50	--	<80	--	<100	--	--	--	--	--	--	LFP
MW-108	10/20/2005	99.79	8.89	0.00	90.90	<48	--	<81	--	<100	--	--	--	--	--	--	LFP
MW-108	10/20/2005 (D)	99.79	8.89	0.00	90.90	<48	--	<81	--	<100	--	--	--	--	--	--	LFP
MW-108	09/06/2007	99.79	9.15	0.00	90.64	<50	--	<80	--	<100	--	--	--	--	--	0.12	LFP
MW-108	5/27-28/2008	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LFP
MW-108	8/27-29/2008	99.79	9.00	0.00	90.79	<50	--	<78	--	<98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-108	11/17-19/2008	99.79	8.48	0.00	91.31	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-108	2/16-18/2009	99.79	8.74	0.00	91.05	<50	--	1,100	--	230	<0.5	<0.5	<0.5	<0.5	<0.5	0.070	
MW-108	5/4-6/2009	99.79	8.62	0.00	91.17	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-108	8/19-21/2009	99.79	9.07	0.00	90.72	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-108	11/18-20/2009	99.79	7.64	0.00	92.15	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-108	2/8-10/2010	99.79	8.50	0.00	91.29	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	
MW-108																	
TPWHD	11/7/2020	--	--	--	--	55.9 B J	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<5.00	
TRIP BLANK	10/30/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
TRIP BLANK	01/23/2003	--	--	--	--	<80	--	--	--	--	<0.500	<0.500	<0.500	<1.0	--	--	
TRIP BLANK	04/18/2003	--	--	--	--	<50	--	--	--	--	<0.500	<0.500	<0.500	<1.0	--	--	
TRIP BLANK	05/15/2023	--	--	--	--	<100	--	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	
TRIP BLANK	11/29/2023	--	--	--	--	<100	--	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	
QA	07/11/2003	--	--	--	--	<50	--	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	
QA	10/31/2003	--	--	--	--	<50	--	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	
QA	12/31/2003	--	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	
QA	5/3/2004 ⁴	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
QA	07/20/2004	--	--	--	--	<50	--	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	
QA	5/27-28/2008	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	8/27-29/2008	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/17-19/2008	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	2/16-18/2009	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	5/4-6/2009	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	8/19-21/2009	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/18-20/2009	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	2/8-10/2010	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	5/12-13/2010	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	08/11/2010	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/3-4/2010	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	2/3-4/2011	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	05/23/2011	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	8/23-24/11	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/7-9/2011	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	2/6-8/2012	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	5/2-4/2012	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	8/1-3/2012	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/26-28/2012	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	2/4-6/2013	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
 COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
 101 Mulford Road
 Toledo, Washington

Well	Date	TOC	DTW	LNAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/Si gel	TPH-HRO	TPH-HRO w/Si gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead	Comments
QA	5/6-8/2013	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	9/9-13/2013	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/18-22/2013	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	2/4-11/2014	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	6/12-14/2014	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	8/18-21/2014	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/19-20/2014	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	2/17-20/2014	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	5/11-15/2015	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	8/10-11/2015	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/16-18/2015	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	5/13-14/2016	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/14/2016	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	05/14/2017	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/11-12/2017	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	05/11/2018	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/11-12/2018	--	--	--	--	<19	--	--	--	--	<0.2	<0.2	<0.4	<1	--	--	
QA	04/27/2019	--	--	--	--	<19	--	--	--	--	<0.2	<0.2	<0.4	<1	--	--	
QA	11/03/2019	--	--	--	--	<19	--	--	--	--	<0.2	<0.2	<0.4	<1	--	--	
QA	05/06/2020	--	--	--	--	38.7 B J	--	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	
QA	11/7/2020	--	--	--	--	43.1 B J	--	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	

Notes:
 800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L
BOLD and highlighted values exceed their respective MTCA Method A cleanup level
 Prior to 2Q2023 lab results were reported to MDL, **BOLD** values were non-detect do not exceed the laboratory method detection limit (MDL), but the MDL exceeds the MTCA Method A cleanup level
 From 2Q2023, **BOLD** are non-detects values, laboratory RDL (Reported Detection Limit) greater than the MTCA Method A CUL; LNAPL thickness greater than 0.00 ft
 Results reported in micrograms per liter (µg/L)
 If LNAPL is present, GW Elevation is corrected according to the following formula (TOC elevation - DTW) + (0.8 x LNAPL thickness)

Abbreviations:
 -- = Not applicable, not available, or not analyzed
 CUL = Cleanup Level
 DTW = Depth to water in feet below TOC
 DUP = Blind duplicate sample results
 GWE = Groundwater elevation in feet relative to NAVD88
 LFP = Low flow (purge) sample
 MTCA = Model Toxics Control Act Cleanup
 NAPL = Non-aqueous phase liquid thickness in feet
 QA = Quality Assurance
 TOC = Top of Casing in feet above North American Vertical Datum of 1988 (NAVD 88)

Laboratory Qualifiers:
 < = Not detected at or above the laboratory Reporting Limit (RL) or Limit of Quantification (LOQ)
 B = The same analyte is found in the associated blank.
 E = The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
 J = Estimated value; result is greater than the laboratory Method Detection Limit (MDL) but less than the RL or LOQ.

Analytical Methods:
 Samples analyzed by USEPA Method 8260
 BTEX = benzene, toluene, ethylbenzene, and total xylenes
 MTBE = Methyl tertiary butyl ether
 TPH-GRO = Total Petroleum Hydrocarbons as Gasoline Range Organics analyzed by NWTPH-Gx
 Samples analyzed by NWTPH-Dx
 TPH-DRO = Total Petroleum Hydrocarbons as Diesel Range Organics
 TPH-HRO = Total Petroleum Hydrocarbons as Heavy Oil Range Organics
 Dissolved Lead analyzed by USEPA 6010D
 Dissolved Lead analyzed by USEPA 6020B in 4Q 2023



Attachment A - Field Data Sheets and General Procedures

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

April 8, 2025

AECOM
Jamalyn Green
1111 Third Ave, Suite 1600
Seattle, WA 98101

Second Quarter 2025 Monitoring at
Site Number 211556
101 Mulford Road
Toledo, WA

Monitoring performed on April 1, 2025 & April 10,
2025

Blaine Tech Services, Inc. Groundwater Monitoring Event 250401-LJ1

This submission covers the routine monitoring of groundwater wells conducted on April 1, 2025 at this location. Nine monitoring wells were measured for depth to groundwater (DTW) and presence of separate-phase hydrocarbons (SPH). Four monitoring wells were sampled. We were unable to access MW-111, as it was submered in a puddle. Well B-2 was inadvertently missed on the April 1 sampling event. We returned April 10 to recover the sample. All sampling activities were performed in accordance with local, state, and federal guidelines.

Water levels and separate-phase measurements were collected using an electronic water level meter or oil-water interface detector. All sampled wells were sampled utilizing the Low-flow Sampling Method. Purging was accomplished using peristaltic pumps, bladder pumps, electric submersible pumps, positive air-displacement pumps. All reused equipment was decontaminated with de-ionized water and Liquinox or equivalent.

Samples were delivered under chain-of-custody to Eurofins TA for analysis. Monitoring well purge water and equipment rinsate water was collected and transported under bill of lading to Blaine Tech Services, Inc.'s yard in Auburn, WA, and bulked for future transportation (within 90 days) under non-hazardous manifest for disposal at Evoqua Water Technologies, a licensed facility.

Second Quarter 2025 Groundwater Monitoring at Chevron 211556 101 Mulford Road, Toledo, WA

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, Chain-of-Custody, Well Inspection Sheet, Calibration Log, Bill of lading, and Permit to Work.

Blaine Tech Services, Inc.'s activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrogeologic conditions or formulation of recommendations was performed.

Please call if you have any questions.

Thank you,



Diana Ojeda
Blaine Tech Services, Inc
Project Manager

Attachments: Well Gauging Sheet
Individual Well Monitoring Data Sheets
Chain of Custody Forms
Wellhead Inspection Form
Calibration Log
Bill of lading
Permit to Work

Second Quarter 2025 Groundwater Monitoring at Chevron 211556 101 Mulford Road, Toledo, WA

WELL GAUGING DATA

Project # 250401 -W1 Date 4-1-25 Client AECOM

Site 101 Mulford Road Toledo WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-109	0904	2	-	-	-	-	6.06	12.90	↓	
MW-110	0854	4	-	-	-	-	8.18	20.24		
MW-111			Unable to access:			submerged				
MW-112	0901	2	-	-	-	-	6.83	17.20		
MW-113	0902	4	-	-	-	-	7.68	18.14		
MW-114	0906	2	-	-	-	-	5.83	16.56		
B-1	0850	2	-	-	-	-	6.57	19.95		
B-2	0848	2	-	-	-	-	7.56	19.29		
B-3	0856	2	-	-	-	-	7.20	13.75		
B-4	0908	2	odor	6.46	W 6.57 0.11	-	6.57	-		

LOW FLOW WELL MONITORING DATA SHEET

Project #: 250401-LJ1	Client: AECOM
Sampler: LJ	Gauging Date: 4-1-25
Well I.D.: MW-112	Well Diameter (in.): (2) 3 4 6 8
Total Well Depth (ft.): 17.20	Depth to Water (ft.): 6.83
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC Grade	Flow Cell Type: Hanna

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1115 Flow Rate: 200mL/min Pump Depth: 12'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1118	10.84	7.13	253	25	3.38	97.6	600	6.85
1121	10.93	7.15	246	25	3.14	97.8	1200	6.85
1124	11.03	7.17	244	24	2.99	97.1	1800	6.85
1127	11.12	7.18	244	22	2.90	96.5	2400	6.85
1130	11.35	7.21	243	22	2.83	94.9	3000	6.85

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3000mL
Sampling Time: 1132	Sampling Date: 4-1-25
Sample I.D.: MW-112-W-20250401	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 250401-LJ1	Client: AECOM
Sampler: LJ	Gauging Date: 4-1-25
Well I.D.: MW-113	Well Diameter (in.): <u>3</u> 4 6 8
Total Well Depth (ft.): 18.14	Depth to Water (ft.): 7.68
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>Hanna</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1040 Flow Rate: 200mL/min Pump Depth: 13'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1043	11.25	7.54	94	12	3.38	101.1	600	7.74
1046	11.32	7.44	93	6	3.33	102.3	1200	7.74
1049	11.32	7.34	93	4	3.32	103.1	1800	7.74
1052	11.43	7.23	93	4	3.29	104.0	2400	7.74
1055	11.43	7.13	92	2	3.28	104.3	3000	7.74
1058	11.45	7.07	94	2	3.27	105.2	3600	7.74
1101	11.54	7.04	93	2	3.25	106.0	4200	7.74

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4200mL
Sampling Time: 1103	Sampling Date: 4-1-25
Sample I.D.: MW-113-W-20250401	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 250410-KL2	Client: AECOM
Sampler: KL	Gauging Date: 4/10/25
Well I.D.: B-2	Well Diameter (in.): <u>3</u> 3 4 6 8
Total Well Depth (ft.): 19.26	Depth to Water (ft.): 7.52
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVC</u> Grade	Flow Cell Type: HANNA

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump
 Sampling Method: ~~Dedicated Tubing~~ New Tubing Other _____
 Start Purge Time: 1137 Flow Rate: 200 mL/min Pump Depth: 14'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1140	14.17	6.72	303	33	0.58	-25.3	600	7.52
1143	14.15	6.80	286	33	0.36	-35.3	1200	7.52
1146	14.16	6.83	256	26	0.29	-41.2	1800	7.52
1149	14.07	6.86	251	25	0.27	-40.2	2400	7.52
1152	13.95	6.85	251	25	0.23	-39.4	3000	7.52

Did well dewater? Yes <input checked="" type="checkbox"/>	Amount actually evacuated: 3000 mL
Sampling Time: 1155	Sampling Date: 4/10/25
Sample I.D.: B-2-W-20250410	Laboratory: TA
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 250401-LJ1	Client: AECOM
Sampler: LJ	Gauging Date: 4-1-25
Well I.D.: B-3	Well Diameter (in.): <u>3</u> 3 4 6 8
Total Well Depth (ft.): 13.75	Depth to Water (ft.): 7.20
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PVS</u> Grade	Flow Cell Type: <u>Flann</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0953 Flow Rate: 200 mL/min Pump Depth: 10.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or μS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0956	11.41	8.13	318	24	3.51	84.0	600	7.21
0959	11.28	8.01	319	22	3.32	85.3	1200	7.21
1002	11.39	7.92	317	18	3.17	84.8	1800	7.21
1005	11.68	7.82	309	18	3.03	84.2	2400	7.21
1008	11.95	7.74	309	18	2.93	83.8	3000	7.21
1011	11.95	7.68	309	18	2.87	85.1	3600	7.21
1014	11.78	7.65	308	18	2.85	85.9	4200	7.21

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>4200 mL</u>
Sampling Time: <u>1016</u>	Sampling Date: <u>4-1-25</u>
Sample I.D.: <u>B-3-W-20250401</u>	Laboratory: <u>TA</u>
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: <u>See COC</u>
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.: <u>BD-1-20250401</u>

Tacoma, WA 98424-1317
phone 253.922.2310 fax 253.922.5047

Regulatory Program: DW NPDES RCRA Other:

Eurofins Environment Testing America

Client Contact AECOM 1111 3rd Ave, Suite 1600 Seattle, WA 98101 (206) 438-2371 Phone		Project Manager: Jamalyn Green Email: Jamalyn.Green@aecom.com Tel/Fax: (206) 550-5713		Site Contact: Date: 4/1/25 Carrier:		COC No: _____ of _____ COCs TALS Project #: _____	
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT If different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Identification MW-112-W-20250401 MW-113-W-20250401 B-3-W-20250401 B0-1-20250401 TB-W-20250401		Lab Contact: NWTPH-Gx BTEX (8260) NWTPH-DRO / HRO w/o SGC NWTPH-DRO / HRO w/ SGC (Piscolved Lead)		For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:	
Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
4-1-25	1132	G	GW	9	Y	Y	
	1103			9	Y	Y	
	1216			9	Y	Y	
	1200			9	Y	Y	
	1000			2	Y	Y	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____ Possible Hazard Identification: _____ Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
Special Instructions/QC Requirements & Comments:							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Relinquished by: <i>MW</i>		Company: <i>BTS</i>		Received by: <i>Book Moore</i>		Company: <i>EETN</i>	
Relinquished by:		Date/Time: 4-1-25 1334		Received by:		Date/Time: 4/1/25 1334	
Relinquished by:		Date/Time:		Received in Laboratory by:		Date/Time:	

Tacoma, WA 98424-1317
phone 253.922.2310 fax 253.922.5047

Eurofins Environment Testing America

Regulatory Program: DW NPDES RCRA Other:

Project Manager: Jamalyn Green Email: Jamalyn.Green@aecom.com Tel/Fax: (206) 550-5713		Site Contact: Date: 4/10/25 Carrier: <i>Kentia</i>		COC No.: _____ of _____ COCs	
Client Contact 1111 3rd Ave, Suite 1600 Seattle, WA 98101 (206) 438-2371 Project Name: Chevron 211556 Toledo Site: 101 Mulford Rd, Toledo, WA P O # _____		Lab Contact: Date: _____ Carrier: _____		TALS Project #: _____ Sampler: <i>Fender Cutler</i> For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: _____	
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Type (C=Comp, G=Grab) Sample Time Sample Date		Matrix # of Cont.	
Sample Identification B-2-W-20250410 TB-W-20250410		Sample Date 4/10/25 4/10/25		Matrix GW GW	
		Sample Time 1155 0900		# of Cont. 9 2	
				Filtered Sample (Y/N) Y N	
				Perform MS / MSD (Y/N) Y N	
				NWT-PH-GX BTEX (8260)	
				NWT-PH-DRO / HRO w/o SGC NWT-PH-DRO / HRO w/ SGC	
				Dissolved Lead	
				Sample Specific Notes:	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other					
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					
Special Instructions/QC Requirements & Comments:					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: _____ Received by: <i>[Signature]</i>		Therm ID No.: _____ Date/Time: 4/10/25 1340	
Relinquished by: <i>[Signature]</i>		Company: <i>BTJ</i>		Company: <i>EETN</i>	
Relinquished by: _____		Company: _____		Company: _____	
Relinquished by: _____		Company: _____		Company: _____	

Return to Client Disposal by Lab Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

WELLHEAD INSPECTION FORM

Client: AECOM Site: 101 Mulford Road Toledo WA Date: 4-1-25
 Job #: 250401-01 Technician: LJ Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check indicates deficiency											Well Not Inspected (explain in notes)	Notes <small>(list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)</small>		
		Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty)	Tabs stripped (list qty)	Tabs broken (list qty)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade			Other (explain in notes)	
MW-109	X															
MW-110	X															
MW-111														X	unable to access	
MW-112	X															
MW-113	X															
MW-114	X															
MW B-1	X															
B-2	X															
B-3	X															
B-4	X															

NOTES: _____

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: AECOM Date: 4-1-25
 Site Address: 101 Mulford Rd. Toledo, IA
 Job Number: 250401-01 Technician(s): LD

Pre-Job Safety Review

1. JMP reviewed, site restrictions and parking/access issues addressed. Reviewed:

2. Special Permit Required Task Review

Are there any conditions or tasks that would require:

	Yes	No
Confined space entry	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Working at height	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lock-out/Tag-out	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Excavations greater than 4 feet deep	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Excavations within 3 feet of a buried active electrical line or product piping or within 10 feet of a high pressure gas line.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Use of overhead equipment within 15 feet of an overhead electrical power line or pole supporting one	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hot work	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If "Yes" was the answer to any of the Special Permit Required Tasks above, the Project Manager will contact the client and arrange to modify the Scope of Work so that the Special Permit Required Tasks are not required to be performed by Blaine Tech Services employees.

3. Is a Traffic Control Permit required for today's work? Yes No

If so is it in the folder?

Is it current?

Do you understand the Traffic Control Plan and what equipment you will need?

On site Pre-Job Safety Review

1. Reviewed and signed the site specific HASP.	<input checked="" type="checkbox"/>
2. Route to hospital understood.	<input checked="" type="checkbox"/>
3. Reviewed "Groundwater Monitoring Well Sampling General Job Safety Analysis included in the HASP.	<input checked="" type="checkbox"/>
4. Exceptional circumstances today that are not covered by the HASP, JSA or JMP have been addressed and mitigated.	<input checked="" type="checkbox"/>
5. Understands procedure to follow, if site circumstances change, to address new site hazards.	<input checked="" type="checkbox"/>
6. There are no unexpected conditions which would make your task a Special Permit Required Task. If there is, contact your Project Manager.	<input checked="" type="checkbox"/>
7. All site hazards have been communicated to all necessary onsite personnel during tailgate safety meeting.	<input checked="" type="checkbox"/>
8. After lunch tailgate safety meeting refresher conducted.	<input checked="" type="checkbox"/>

If Checklist Task cannot be completed, explain:

Permit To Work Authority: Nydia Johnson environmental technician 4-1-25 0645
 Name Title Date Time

Blaine Tech Services, Inc.

Permit To Work for Chevron EMC Sites

Client: AELOM

Date 4/10/25

Site Address: 101 Mulford Rd., Toledo WA

Job Number: 250410-KCZ Technician(s): KC

Pre-Job Safety Review

1. JMP reviewed, site restrictions and parking/access issues addressed.

Reviewed:

2. Special Permit Required Task Review

Are there any conditions or tasks that would require:

Yes No

Confined space entry

Working at height

Lock-out/Tag-out

Excavations greater than 4 feet deep

Excavations within 3 feet of a buried active electrical line or product piping
or within 10 feet of a high pressure gas line.

Use of overhead equipment within 15 feet of an overhead electrical power
line or pole supporting one

Hot work

If "Yes" was the answer to any of the Special Permit Required Tasks above, the Project Manager will contact the client and arrange to modify the Scope of Work so that the Special Permit Required Tasks are not required to be performed by Blaine Tech Services employees.

3. Is a Traffic Control Permit required for today's work?

Yes No

If so is it in the folder?

Is it current?

Do you understand the Traffic Control Plan and what equipment you will need?

On site Pre-Job Safety Review

1. Reviewed and signed the site specific HASP.

2. Route to hospital understood.

3. Reviewed "Groundwater Monitoring Well Sampling General Job Safety Analysis included in the HASP.

4. Exceptional circumstances today that are not covered by the HASP, JSA or JMP have been addressed and mitigated.

5. Understands procedure to follow, if site circumstances change, to address new site hazards.

6. There are no unexpected conditions which would make your task a Special Permit Required Task. If there is, contact your Project Manager.

7. All site hazards have been communicated to all necessary onsite personnel during tailgate safety meeting.

8. After lunch tailgate safety meeting refresher conducted.

If Checklist Task cannot be completed, explain:

Permit To Work Authority:

Kendra Cutler
Name

Field Tech
Title

4/10/25
Date

4/10/25
Time



Attachment B - Laboratory Report and Chain-of Custody Documentation



ANALYTICAL REPORT

PREPARED FOR

Attn: Jamalyn Green
AECOM
1111 Third Ave
Suite 1600
Seattle, Washington 98101

Generated 4/11/2025 1:29:45 PM

JOB DESCRIPTION

Chevron- 211556 Toledo

JOB NUMBER

580-149364-1

Eurofins Seattle

Job Notes

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

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

Authorization



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4/11/2025 1:29:45 PM

Authorized for release by
Rachel Sester, Project Manager I
Rachel.Sester@et.eurofinsus.com
(602)659-7615

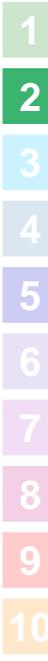


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Case Narrative

Client: AECOM
Project: Chevron- 211556 Toledo

Job ID: 580-149364-1

Job ID: 580-149364-1

Eurofins Seattle

Job Narrative 580-149364-1

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

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

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

Receipt

The samples were received on 4/1/2025 1:34 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 1.6°C.

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

Samples MW-112-W-20250401 (580-149364-1), MW-113-W-20250401 (580-149364-2), B-3-W-20250401 (580-149364-3), BD-1-20250401 (580-149364-4) and TB-W-20250401 (580-149364-5) were analyzed for Northwest - Volatile Petroleum Products (GC/MS). The samples were analyzed on 4/3/2025, 4/6/2025 and 4/7/2025.

Samples B-3-W-20250401 (580-149364-3)[100x] and BD-1-20250401 (580-149364-4)[10x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 580-489504 recovered above the upper control limit for Gasoline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-112-W-20250401 (580-149364-1), (CCV 580-489504/21), (CCV 580-489504/31) and (CCVIS 580-489504/4).

The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: MW-112-W-20250401 (580-149364-1).

The following samples were diluted to bring the concentration of target analytes within the calibration range: B-3-W-20250401 (580-149364-3) and BD-1-20250401 (580-149364-4). Elevated reporting limits (RLs) are provided.

Method 8260D - Volatile Organic Compounds by GC/MS

Samples MW-112-W-20250401 (580-149364-1), MW-113-W-20250401 (580-149364-2), B-3-W-20250401 (580-149364-3), BD-1-20250401 (580-149364-4) and TB-W-20250401 (580-149364-5) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 4/3/2025, 4/6/2025, 4/7/2025 and 4/11/2025.

Samples B-3-W-20250401 (580-149364-3)[10x], B-3-W-20250401 (580-149364-3)[100x], BD-1-20250401 (580-149364-4)[10x] and BD-1-20250401 (580-149364-4)[50x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The method blank for analytical batch 580-489310 contained Benzene and m-Xylene & p-Xylene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

The following sample was diluted to bring the concentration of target analytes within the calibration range: B-3-W-20250401 (580-149364-3). Elevated reporting limits (RLs) are provided.

The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: MW-112-W-20250401 (580-149364-1).

The following samples were diluted to bring the concentration of target analytes within the calibration range: B-3-W-20250401 (580-149364-3) and BD-1-20250401 (580-149364-4). Elevated reporting limits (RLs) are provided.

Eurofins Seattle

Case Narrative

Client: AECOM
Project: Chevron- 211556 Toledo

Job ID: 580-149364-1

Job ID: 580-149364-1 (Continued)

Eurofins Seattle

The method blank for analytical batch 580-489599 contained m-Xylene & p-Xylene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

The method blank for analytical batch 580-489897 contained Toluene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

The following sample was diluted to bring the concentration of target analytes within the calibration range: BD-1-20250401 (580-149364-4). Elevated reporting limits (RLs) are provided.

1,2-Dichloroethane-d4 (Surr) was outside of control limits in the following sample: BD-1-20250401 (580-149364-4). 1,2-Dichloroethane-d4 (Surr) is not chemically associated with the target analytes, therefore, results are reported.

Method NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Samples MW-112-W-20250401 (580-149364-1), MW-113-W-20250401 (580-149364-2), B-3-W-20250401 (580-149364-3) and BD-1-20250401 (580-149364-4) were analyzed for Northwest - Semi-Volatile Petroleum Products (GC). The samples were prepared on 4/8/2025 and analyzed on 4/11/2025.

The following sample contained a hydrocarbon pattern in the diesel range; however, the elution pattern is not the typical diesel fuel pattern used by the laboratory for quantitative purposes: B-3-W-20250401 (580-149364-3) and BD-1-20250401 (580-149364-4).

Method 6020B - Metals (ICP/MS) - Dissolved

Samples MW-112-W-20250401 (580-149364-1), MW-113-W-20250401 (580-149364-2), B-3-W-20250401 (580-149364-3) and BD-1-20250401 (580-149364-4) were analyzed for Metals (ICP/MS) - Dissolved. The samples were prepared on 4/2/2025 and analyzed on 4/3/2025.

Eurofins Seattle

Definitions/Glossary

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

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

Metals

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

Glossary

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

Client Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Client Sample ID: MW-112-W-20250401

Lab Sample ID: 580-149364-1

Date Collected: 04/01/25 11:32

Matrix: Water

Date Received: 04/01/25 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.030		0.20	0.030	ug/L			04/06/25 03:18	1
Toluene	<0.050		0.20	0.050	ug/L			04/06/25 03:18	1
1,2-Dibromoethane (EDB)	0.067	J	0.15	0.067	ug/L			04/06/25 03:18	1
Ethylbenzene	<0.082		0.20	0.082	ug/L			04/06/25 03:18	1
Xylenes, Total	0.23	J	0.50	0.23	ug/L			04/06/25 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		04/06/25 03:18	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		04/06/25 03:18	1
4-Bromofluorobenzene (Surr)	104		80 - 120		04/06/25 03:18	1
Dibromofluoromethane (Surr)	103		80 - 120		04/06/25 03:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/06/25 03:18	1
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	104		77 - 123		04/06/25 03:18	1			

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	0.16	J	0.20	0.095	mg/L		04/08/25 08:58	04/11/25 04:23	1
Motor Oil (>C24-C36)	<0.14		0.35	0.14	mg/L		04/08/25 08:58	04/11/25 04:23	1
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
o-Terphenyl	61		50 - 150		04/08/25 08:58	04/11/25 04:23	1		

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	J B	0.50	0.040	ug/L		04/02/25 17:27	04/03/25 19:13	1

Client Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Client Sample ID: MW-113-W-20250401

Lab Sample ID: 580-149364-2

Date Collected: 04/01/25 11:03

Matrix: Water

Date Received: 04/01/25 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.068	J B	0.20	0.030	ug/L			04/03/25 20:40	1
Toluene	<0.050		0.20	0.050	ug/L			04/03/25 20:40	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/03/25 20:40	1
Ethylbenzene	<0.082		0.20	0.082	ug/L			04/03/25 20:40	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/03/25 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	99		80 - 120		04/03/25 20:40	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	105		80 - 120		04/03/25 20:40	1
<i>4-Bromofluorobenzene (Surr)</i>	101		80 - 120		04/03/25 20:40	1
<i>Dibromofluoromethane (Surr)</i>	106		80 - 120		04/03/25 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/03/25 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	101		77 - 123		04/03/25 20:40	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	<0.099		0.20	0.099	mg/L		04/08/25 08:58	04/11/25 04:43	1
Motor Oil (>C24-C36)	<0.14		0.35	0.14	mg/L		04/08/25 08:58	04/11/25 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o-Terphenyl</i>	59		50 - 150	04/08/25 08:58	04/11/25 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.083	J B	0.50	0.040	ug/L		04/02/25 17:27	04/03/25 19:15	1

Client Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Client Sample ID: B-3-W-20250401

Lab Sample ID: 580-149364-3

Date Collected: 04/01/25 10:16

Matrix: Water

Date Received: 04/01/25 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	30		0.30	0.30	ug/L			04/06/25 04:05	10
Toluene	580		0.50	0.50	ug/L			04/06/25 04:05	10
1,2-Dibromoethane (EDB)	<0.67		0.67	0.67	ug/L			04/06/25 04:05	10
Ethylbenzene	390		0.82	0.82	ug/L			04/06/25 04:05	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		04/06/25 04:05	10
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		04/06/25 04:05	10
4-Bromofluorobenzene (Surr)	103		80 - 120		04/06/25 04:05	10
Dibromofluoromethane (Surr)	100		80 - 120		04/06/25 04:05	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1700		23	23	ug/L			04/07/25 21:35	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		04/07/25 21:35	100
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		04/07/25 21:35	100
4-Bromofluorobenzene (Surr)	105		80 - 120		04/07/25 21:35	100
Dibromofluoromethane (Surr)	111		80 - 120		04/07/25 21:35	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	18		7.3	7.3	mg/L			04/07/25 21:35	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		77 - 123		04/07/25 21:35	100

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2.0		0.20	0.095	mg/L		04/08/25 08:58	04/11/25 01:03	1
#2 Diesel (C10-C24)	2.4		0.20	0.095	mg/L		04/08/25 08:58	04/11/25 05:04	1
Motor Oil (>C24-C36)	<0.14		0.35	0.14	mg/L		04/08/25 08:58	04/11/25 01:03	1
Motor Oil (>C24-C36)	0.15	J	0.35	0.14	mg/L		04/08/25 08:58	04/11/25 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150	04/08/25 08:58	04/11/25 01:03	1
o-Terphenyl	59		50 - 150	04/08/25 08:58	04/11/25 05:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.0	B	0.50	0.040	ug/L		04/02/25 17:27	04/03/25 19:18	1

Client Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Client Sample ID: BD-1-20250401

Lab Sample ID: 580-149364-4

Date Collected: 04/01/25 12:00

Matrix: Water

Date Received: 04/01/25 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17		0.20	0.030	ug/L			04/06/25 03:41	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/06/25 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					04/06/25 03:41	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120					04/06/25 03:41	1
4-Bromofluorobenzene (Surr)	96		80 - 120					04/06/25 03:41	1
Dibromofluoromethane (Surr)	106		80 - 120					04/06/25 03:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	380		0.50	0.50	ug/L			04/07/25 21:12	10
Ethylbenzene	250		0.82	0.82	ug/L			04/07/25 21:12	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120					04/07/25 21:12	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					04/07/25 21:12	10
4-Bromofluorobenzene (Surr)	98		80 - 120					04/07/25 21:12	10
Dibromofluoromethane (Surr)	109		80 - 120					04/07/25 21:12	10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1400		12	12	ug/L			04/11/25 00:03	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					04/11/25 00:03	50
1,2-Dichloroethane-d4 (Surr)	130	S1+	80 - 120					04/11/25 00:03	50
4-Bromofluorobenzene (Surr)	115		80 - 120					04/11/25 00:03	50
Dibromofluoromethane (Surr)	109		80 - 120					04/11/25 00:03	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	16		0.73	0.73	mg/L			04/07/25 21:12	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		77 - 123					04/07/25 21:12	10

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2.4		0.20	0.091	mg/L		04/08/25 08:58	04/11/25 05:24	1
Motor Oil (>C24-C36)	0.14	J	0.35	0.13	mg/L		04/08/25 08:58	04/11/25 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150				04/08/25 08:58	04/11/25 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.96	B	0.50	0.040	ug/L		04/02/25 17:27	04/03/25 19:21	1

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Client Sample Results

Client: AECOM
 Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Client Sample ID: TB-W-20250401

Lab Sample ID: 580-149364-5

Date Collected: 04/01/25 10:00

Matrix: Water

Date Received: 04/01/25 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.059	J B	0.20	0.030	ug/L			04/03/25 17:59	1
Toluene	<0.050		0.20	0.050	ug/L			04/03/25 17:59	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/03/25 17:59	1
Ethylbenzene	<0.082		0.20	0.082	ug/L			04/03/25 17:59	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/03/25 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	97		80 - 120		04/03/25 17:59	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	106		80 - 120		04/03/25 17:59	1
<i>4-Bromofluorobenzene (Surr)</i>	105		80 - 120		04/03/25 17:59	1
<i>Dibromofluoromethane (Surr)</i>	115		80 - 120		04/03/25 17:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/03/25 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	105		77 - 123		04/03/25 17:59	1

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

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

Lab Sample ID: MB 580-489310/10
Matrix: Water
Analysis Batch: 489310

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	0.0628	J	0.20	0.030	ug/L			04/03/25 15:08	1
Toluene	<0.050		0.20	0.050	ug/L			04/03/25 15:08	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/03/25 15:08	1
Ethylbenzene	<0.082		0.20	0.082	ug/L			04/03/25 15:08	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/03/25 15:08	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	98		80 - 120		04/03/25 15:08	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		04/03/25 15:08	1
4-Bromofluorobenzene (Surr)	104		80 - 120		04/03/25 15:08	1
Dibromofluoromethane (Surr)	113		80 - 120		04/03/25 15:08	1

Lab Sample ID: LCS 580-489310/5
Matrix: Water
Analysis Batch: 489310

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	5.00	4.68		ug/L		94	80 - 126
1,2-Dibromoethane (EDB)	5.00	4.76		ug/L		95	61 - 143
Ethylbenzene	5.00	4.79		ug/L		96	80 - 124
m-Xylene & p-Xylene	5.00	4.94		ug/L		99	75 - 124
o-Xylene	5.00	4.92		ug/L		98	71 - 124
Xylenes, Total	10.0	9.86		ug/L		99	73 - 123

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

Lab Sample ID: LCSD 580-489310/6
Matrix: Water
Analysis Batch: 489310

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
Toluene	5.00	4.50		ug/L		90	80 - 126	4	20
1,2-Dibromoethane (EDB)	5.00	4.89		ug/L		98	61 - 143	3	22
Ethylbenzene	5.00	4.69		ug/L		94	80 - 124	2	22
m-Xylene & p-Xylene	5.00	4.71		ug/L		94	75 - 124	5	22
o-Xylene	5.00	4.74		ug/L		95	71 - 124	4	23
Xylenes, Total	10.0	9.45		ug/L		95	73 - 123	4	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		80 - 120

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

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

Lab Sample ID: LCSD 580-489310/6
Matrix: Water
Analysis Batch: 489310

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120

Lab Sample ID: MB 580-489509/10
Matrix: Water
Analysis Batch: 489509

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.030		0.20	0.030	ug/L			04/05/25 21:06	1
Toluene	<0.050		0.20	0.050	ug/L			04/05/25 21:06	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/05/25 21:06	1
Ethylbenzene	<0.082		0.20	0.082	ug/L			04/05/25 21:06	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/05/25 21:06	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	91		80 - 120		04/05/25 21:06	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		04/05/25 21:06	1
4-Bromofluorobenzene (Surr)	103		80 - 120		04/05/25 21:06	1
Dibromofluoromethane (Surr)	102		80 - 120		04/05/25 21:06	1

Lab Sample ID: LCS 580-489509/5
Matrix: Water
Analysis Batch: 489509

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

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	5.00	5.53		ug/L		111	80 - 120
Toluene	5.00	4.85		ug/L		97	80 - 126
1,2-Dibromoethane (EDB)	5.00	5.20		ug/L		104	61 - 143
Ethylbenzene	5.00	5.13		ug/L		103	80 - 124
m-Xylene & p-Xylene	5.00	5.34		ug/L		107	75 - 124
o-Xylene	5.00	5.50		ug/L		110	71 - 124
Xylenes, Total	10.0	10.8		ug/L		108	73 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	94		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	110		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120

Lab Sample ID: LCSD 580-489509/6
Matrix: Water
Analysis Batch: 489509

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

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	5.00	5.12		ug/L		102	80 - 120	8	22
Toluene	5.00	4.46		ug/L		89	80 - 126	8	20
1,2-Dibromoethane (EDB)	5.00	4.90		ug/L		98	61 - 143	6	22
Ethylbenzene	5.00	4.76		ug/L		95	80 - 124	7	22

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QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

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

Lab Sample ID: LCSD 580-489509/6
Matrix: Water
Analysis Batch: 489509

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
m-Xylene & p-Xylene	5.00	4.83		ug/L		97	75 - 124	10	22
o-Xylene	5.00	4.99		ug/L		100	71 - 124	10	23
Xylenes, Total	10.0	9.82		ug/L		98	73 - 123	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Toluene-d8 (Surr)	94		80 - 120
1,2-Dichloroethane-d4 (Surr)	106		80 - 120
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	108		80 - 120

Lab Sample ID: MB 580-489599/10
Matrix: Water
Analysis Batch: 489599

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.050		0.20	0.050	ug/L			04/07/25 20:03	1
Ethylbenzene	<0.082		0.20	0.082	ug/L			04/07/25 20:03	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/07/25 20:03	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		04/07/25 20:03	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		04/07/25 20:03	1
4-Bromofluorobenzene (Surr)	103		80 - 120		04/07/25 20:03	1
Dibromofluoromethane (Surr)	110		80 - 120		04/07/25 20:03	1

Lab Sample ID: LCS 580-489599/5
Matrix: Water
Analysis Batch: 489599

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	5.00	4.65		ug/L		93	80 - 126
Ethylbenzene	5.00	4.69		ug/L		94	80 - 124
m-Xylene & p-Xylene	5.00	4.82		ug/L		96	75 - 124
o-Xylene	5.00	4.76		ug/L		95	71 - 124
Xylenes, Total	10.0	9.58		ug/L		96	73 - 123

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120

Lab Sample ID: LCSD 580-489599/6
Matrix: Water
Analysis Batch: 489599

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
Toluene	5.00	4.78		ug/L		96	80 - 126	3	20

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QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

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

Lab Sample ID: LCSD 580-489599/6
Matrix: Water
Analysis Batch: 489599

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
Ethylbenzene	5.00	4.87		ug/L		97	80 - 124	4	22
m-Xylene & p-Xylene	5.00	4.98		ug/L		100	75 - 124	3	22
o-Xylene	5.00	4.99		ug/L		100	71 - 124	5	23
Xylenes, Total	10.0	9.97		ug/L		100	73 - 123	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	107		80 - 120

Lab Sample ID: MB 580-489897/9
Matrix: Water
Analysis Batch: 489897

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/10/25 15:55	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		04/10/25 15:55	1
1,2-Dichloroethane-d4 (Surr)	114		80 - 120		04/10/25 15:55	1
4-Bromofluorobenzene (Surr)	110		80 - 120		04/10/25 15:55	1
Dibromofluoromethane (Surr)	106		80 - 120		04/10/25 15:55	1

Lab Sample ID: LCS 580-489897/4
Matrix: Water
Analysis Batch: 489897

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	5.00	4.68		ug/L		94	75 - 124
Xylenes, Total	10.0	9.69		ug/L		97	73 - 123

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	108		80 - 120
4-Bromofluorobenzene (Surr)	110		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120

Lab Sample ID: LCSD 580-489897/5
Matrix: Water
Analysis Batch: 489897

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
m-Xylene & p-Xylene	5.00	4.55		ug/L		91	75 - 124	3	22
Xylenes, Total	10.0	9.36		ug/L		94	73 - 123	3	20

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

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

Lab Sample ID: LCSD 580-489897/5
Matrix: Water
Analysis Batch: 489897

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

Surrogate	LCS D %Recovery	LCS D Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	111		80 - 120
4-Bromofluorobenzene (Surr)	112		80 - 120
Dibromofluoromethane (Surr)	108		80 - 120

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

Lab Sample ID: MB 580-489306/10
Matrix: Water
Analysis Batch: 489306

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/03/25 15:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		77 - 123		04/03/25 15:08	1

Lab Sample ID: LCS 580-489306/7
Matrix: Water
Analysis Batch: 489306

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	1.11		mg/L		111	55 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		77 - 123

Lab Sample ID: LCSD 580-489306/8
Matrix: Water
Analysis Batch: 489306

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	1.03		mg/L		103	55 - 148	7	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		77 - 123

Lab Sample ID: MB 580-489504/10
Matrix: Water
Analysis Batch: 489504

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/05/25 21:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123		04/05/25 21:06	1

Eurofins Seattle

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

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

Lab Sample ID: LCS 580-489504/7
Matrix: Water
Analysis Batch: 489504

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	1.19		mg/L		119	55 - 148
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	104		77 - 123				

Lab Sample ID: LCSD 580-489504/8
Matrix: Water
Analysis Batch: 489504

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	1.20		mg/L		120	55 - 148	0	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		77 - 123						

Lab Sample ID: MB 580-489595/10
Matrix: Water
Analysis Batch: 489595

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/07/25 20:03	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		77 - 123					04/07/25 20:03	1

Lab Sample ID: LCS 580-489595/7
Matrix: Water
Analysis Batch: 489595

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	0.987		mg/L		99	55 - 148
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	99		77 - 123				

Lab Sample ID: LCSD 580-489595/8
Matrix: Water
Analysis Batch: 489595

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	0.996		mg/L		100	55 - 148	1	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		77 - 123						

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-489630/1-A
Matrix: Water
Analysis Batch: 489924

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 489630

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	<0.091		0.20	0.091	mg/L		04/08/25 08:58	04/11/25 02:43	1
Motor Oil (>C24-C36)	<0.13		0.35	0.13	mg/L		04/08/25 08:58	04/11/25 02:43	1
Surrogate		MB MB	Limits			Prepared	Analyzed	Dil Fac	
%Recovery	Qualifier								
o-Terphenyl	67		50 - 150			04/08/25 08:58	04/11/25 02:43	1	

Lab Sample ID: MB 580-489630/1-B
Matrix: Water
Analysis Batch: 489924

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 489630

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	<0.091		0.20	0.091	mg/L		04/08/25 08:58	04/11/25 00:03	1
Motor Oil (>C24-C36)	<0.13		0.35	0.13	mg/L		04/08/25 08:58	04/11/25 00:03	1
Surrogate		MB MB	Limits			Prepared	Analyzed	Dil Fac	
%Recovery	Qualifier								
o-Terphenyl	66		50 - 150			04/08/25 08:58	04/11/25 00:03	1	

Lab Sample ID: LCS 580-489630/2-A
Matrix: Water
Analysis Batch: 489924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489630

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Motor Oil (>C24-C36)	4.00	3.50		mg/L		88	64 - 120
Surrogate		LCS LCS	Limits			%Rec	
%Recovery	Qualifier						
o-Terphenyl	81		50 - 150				

Lab Sample ID: LCS 580-489630/2-B
Matrix: Water
Analysis Batch: 489924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 489630

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Motor Oil (>C24-C36)	4.00	3.52		mg/L		88	64 - 120
Surrogate		LCS LCS	Limits			%Rec	
%Recovery	Qualifier						
o-Terphenyl	83		50 - 150				

Lab Sample ID: LCSD 580-489630/3-A
Matrix: Water
Analysis Batch: 489924

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 489630

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
#2 Diesel (C10-C24)	4.00	2.77		mg/L		69	50 - 120	13	26
Motor Oil (>C24-C36)	4.00	3.26		mg/L		82	64 - 120	7	24

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCSD 580-489630/3-A
Matrix: Water
Analysis Batch: 489924

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 489630

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	75		50 - 150

Lab Sample ID: LCSD 580-489630/3-B
Matrix: Water
Analysis Batch: 489924

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 489630

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
#2 Diesel (C10-C24)	4.00	2.73		mg/L		68	50 - 120	16		26
Motor Oil (>C24-C36)	4.00	3.08		mg/L		77	64 - 120	13		24

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	70		50 - 150

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 350-5948/25-A
Matrix: Water
Analysis Batch: 6011

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 5948

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.0517	J	0.50	0.040	ug/L		04/02/25 17:27	04/03/25 18:17	1

Lab Sample ID: LCS 350-5948/26-A
Matrix: Water
Analysis Batch: 6011

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 5948

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Lead	1000	973		ug/L		97	80 - 120	

Lab Chronicle

Client: AECOM
 Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

Client Sample ID: MW-112-W-20250401

Lab Sample ID: 580-149364-1

Date Collected: 04/01/25 11:32

Matrix: Water

Date Received: 04/01/25 13:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489509	JBT	EET SEA	04/06/25 03:18
Total/NA	Analysis	NWTPH-Gx		1	489504	JBT	EET SEA	04/06/25 03:18
Total/NA	Prep	3510C			489630	EM	EET SEA	04/08/25 08:58
Total/NA	Analysis	NWTPH-Dx		1	489924	SW	EET SEA	04/11/25 04:23
Dissolved	Prep	3005A			5948	RMN	EET SSM	04/02/25 17:27
Dissolved	Analysis	6020B		1	6011	JLS	EET SSM	04/03/25 19:13

Client Sample ID: MW-113-W-20250401

Lab Sample ID: 580-149364-2

Date Collected: 04/01/25 11:03

Matrix: Water

Date Received: 04/01/25 13:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489310	K1K	EET SEA	04/03/25 20:40
Total/NA	Analysis	NWTPH-Gx		1	489306	K1K	EET SEA	04/03/25 20:40
Total/NA	Prep	3510C			489630	EM	EET SEA	04/08/25 08:58
Total/NA	Analysis	NWTPH-Dx		1	489924	SW	EET SEA	04/11/25 04:43
Dissolved	Prep	3005A			5948	RMN	EET SSM	04/02/25 17:27
Dissolved	Analysis	6020B		1	6011	JLS	EET SSM	04/03/25 19:15

Client Sample ID: B-3-W-20250401

Lab Sample ID: 580-149364-3

Date Collected: 04/01/25 10:16

Matrix: Water

Date Received: 04/01/25 13:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	100	489599	K1K	EET SEA	04/07/25 21:35
Total/NA	Analysis	8260D		10	489509	JBT	EET SEA	04/06/25 04:05
Total/NA	Analysis	NWTPH-Gx		100	489595	K1K	EET SEA	04/07/25 21:35
Total/NA	Prep	3510C			489630	EM	EET SEA	04/08/25 08:58
Total/NA	Cleanup	3630C			489812	SW	EET SEA	04/09/25 15:18
Total/NA	Analysis	NWTPH-Dx		1	489924	SW	EET SEA	04/11/25 01:03
Total/NA	Prep	3510C			489630	EM	EET SEA	04/08/25 08:58
Total/NA	Analysis	NWTPH-Dx		1	489924	SW	EET SEA	04/11/25 05:04
Dissolved	Prep	3005A			5948	RMN	EET SSM	04/02/25 17:27
Dissolved	Analysis	6020B		1	6011	JLS	EET SSM	04/03/25 19:18

Client Sample ID: BD-1-20250401

Lab Sample ID: 580-149364-4

Date Collected: 04/01/25 12:00

Matrix: Water

Date Received: 04/01/25 13:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	489599	K1K	EET SEA	04/07/25 21:12
Total/NA	Analysis	8260D		1	489509	JBT	EET SEA	04/06/25 03:41
Total/NA	Analysis	8260D	DL2	50	489897	AA	EET SEA	04/11/25 00:03
Total/NA	Analysis	NWTPH-Gx		10	489595	K1K	EET SEA	04/07/25 21:12

Lab Chronicle

Client: AECOM

Job ID: 580-149364-1

Project/Site: Chevron- 211556 Toledo

Client Sample ID: BD-1-20250401

Lab Sample ID: 580-149364-4

Date Collected: 04/01/25 12:00

Matrix: Water

Date Received: 04/01/25 13:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			489630	EM	EET SEA	04/08/25 08:58
Total/NA	Analysis	NWTPH-Dx		1	489924	SW	EET SEA	04/11/25 05:24
Dissolved	Prep	3005A			5948	RMN	EET SSM	04/02/25 17:27
Dissolved	Analysis	6020B		1	6011	JLS	EET SSM	04/03/25 19:21

Client Sample ID: TB-W-20250401

Lab Sample ID: 580-149364-5

Date Collected: 04/01/25 10:00

Matrix: Water

Date Received: 04/01/25 13:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489310	K1K	EET SEA	04/03/25 17:59
Total/NA	Analysis	NWTPH-Gx		1	489306	K1K	EET SEA	04/03/25 17:59

Laboratory References:

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

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

Accreditation/Certification Summary

Client: AECOM

Job ID: 580-149364-1

Project/Site: Chevron- 211556 Toledo

Laboratory: Eurofins Seattle

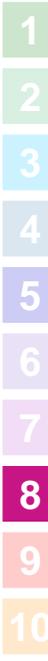
The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

Laboratory: Eurofins Seattle Specialty Metals

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-23a	07-13-25



Sample Summary

Client: AECOM

Project/Site: Chevron- 211556 Toledo

Job ID: 580-149364-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
580-149364-1	MW-112-W-20250401	Water	04/01/25 11:32	04/01/25 13:34
580-149364-2	MW-113-W-20250401	Water	04/01/25 11:03	04/01/25 13:34
580-149364-3	B-3-W-20250401	Water	04/01/25 10:16	04/01/25 13:34
580-149364-4	BD-1-20250401	Water	04/01/25 12:00	04/01/25 13:34
580-149364-5	TB-W-20250401	Water	04/01/25 10:00	04/01/25 13:34

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Login Sample Receipt Checklist

Client: AECOM

Job Number: 580-149364-1

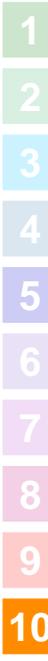
Login Number: 149364

List Number: 1

Creator: Pike, Jacob 1

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

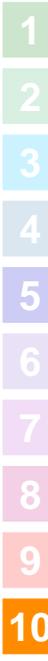
Client: AECOM

Job Number: 580-149364-1

Login Number: 149364
List Number: 2
Creator: Miller, Darren R

List Source: Eurofins Seattle Specialty Metals
List Creation: 04/02/25 09:07 AM

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



ANALYTICAL REPORT

PREPARED FOR

Attn: Jamalyn Green
AECOM
1111 Third Ave
Suite 1600
Seattle, Washington 98101

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JOB DESCRIPTION

Chevron- 211556 Toledo

JOB NUMBER

580-149624-1

Eurofins Seattle

Job Notes

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Authorization



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Authorized for release by
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Case Narrative

Client: AECOM
Project: Chevron- 211556 Toledo

Job ID: 580-149624-1

Job ID: 580-149624-1

Eurofins Seattle

Job Narrative 580-149624-1

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

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

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

Receipt

The samples were received on 4/10/2025 1:40 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 4.2°C.

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

Samples B-2-W-20250410 (580-149624-1) and TB-W-20250410 (580-149624-2) were analyzed for Northwest - Volatile Petroleum Products (GC/MS). The samples were analyzed on 4/18/2025.

Method 8260D - Volatile Organic Compounds by GC/MS

Samples B-2-W-20250410 (580-149624-1) and TB-W-20250410 (580-149624-2) were analyzed for Volatile Organic Compounds by GC/MS. The samples were analyzed on 4/18/2025.

The continuing calibration verification (CCV) associated with batch 580-490496 recovered outside acceptance criteria, low biased, for 1,2-Dibromoethane (EDB). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

The method blank for analytical batch 580-490496 contained Benzene, Ethylbenzene and m-Xylene & p-Xylene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Sample B-2-W-20250410 (580-149624-1) was analyzed for Northwest - Semi-Volatile Petroleum Products (GC). The sample was prepared on 4/14/2025 and analyzed on 4/15/2025.

Method 6020B - Metals (ICP/MS) - Dissolved

Sample B-2-W-20250410 (580-149624-1) was analyzed for Metals (ICP/MS) - Dissolved. The sample was prepared on 4/11/2025 and analyzed on 4/14/2025.

Eurofins Seattle

Definitions/Glossary

Client: AECOM

Job ID: 580-149624-1

Project/Site: Chevron- 211556 Toledo

Qualifiers

GC/MS VOA

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

Metals

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

Glossary

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

Client Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149624-1

Client Sample ID: B-2-W-20250410

Lab Sample ID: 580-149624-1

Date Collected: 04/10/25 11:55

Matrix: Water

Date Received: 04/10/25 13:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.058	J B	0.20	0.030	ug/L			04/18/25 18:02	1
Toluene	<0.050		0.20	0.050	ug/L			04/18/25 18:02	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/18/25 18:02	1
Ethylbenzene	<0.082		0.20	0.082	ug/L			04/18/25 18:02	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/18/25 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		04/18/25 18:02	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		04/18/25 18:02	1
4-Bromofluorobenzene (Surr)	109		80 - 120		04/18/25 18:02	1
Dibromofluoromethane (Surr)	112		80 - 120		04/18/25 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/18/25 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		77 - 123		04/18/25 18:02	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	<0.096		0.20	0.096	mg/L		04/14/25 09:05	04/15/25 18:48	1
Motor Oil (>C24-C36)	<0.14		0.35	0.14	mg/L		04/14/25 09:05	04/15/25 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	103		50 - 150	04/14/25 09:05	04/15/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.18	J B	0.50	0.040	ug/L		04/11/25 18:01	04/14/25 15:57	1

Client Sample Results

Client: AECOM
 Project/Site: Chevron- 211556 Toledo

Job ID: 580-149624-1

Client Sample ID: TB-W-20250410

Lab Sample ID: 580-149624-2

Date Collected: 04/10/25 09:00

Matrix: Water

Date Received: 04/10/25 13:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.070	J B	0.20	0.030	ug/L			04/18/25 14:58	1
Toluene	0.056	J	0.20	0.050	ug/L			04/18/25 14:58	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/18/25 14:58	1
Ethylbenzene	0.089	J B	0.20	0.082	ug/L			04/18/25 14:58	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/18/25 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		04/18/25 14:58	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		04/18/25 14:58	1
4-Bromofluorobenzene (Surr)	107		80 - 120		04/18/25 14:58	1
Dibromofluoromethane (Surr)	107		80 - 120		04/18/25 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<0.073		0.15	0.073	mg/L			04/18/25 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		77 - 123		04/18/25 14:58	1

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149624-1

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

Lab Sample ID: MB 580-490496/10
Matrix: Water
Analysis Batch: 490496

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	0.0648	J	0.20	0.030	ug/L			04/18/25 14:35	1
Toluene	<0.050		0.20	0.050	ug/L			04/18/25 14:35	1
1,2-Dibromoethane (EDB)	<0.067		0.15	0.067	ug/L			04/18/25 14:35	1
Ethylbenzene	0.0884	J	0.20	0.082	ug/L			04/18/25 14:35	1
Xylenes, Total	<0.23		0.50	0.23	ug/L			04/18/25 14:35	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	94		80 - 120		04/18/25 14:35	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		04/18/25 14:35	1
4-Bromofluorobenzene (Surr)	108		80 - 120		04/18/25 14:35	1
Dibromofluoromethane (Surr)	109		80 - 120		04/18/25 14:35	1

Lab Sample ID: LCS 580-490496/5
Matrix: Water
Analysis Batch: 490496

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	5.00	4.59		ug/L		92	80 - 126
1,2-Dibromoethane (EDB)	5.00	3.55		ug/L		71	61 - 143
Ethylbenzene	5.00	4.53		ug/L		91	80 - 124
m-Xylene & p-Xylene	5.00	5.02		ug/L		100	75 - 124
o-Xylene	5.00	5.01		ug/L		100	71 - 124
Xylenes, Total	10.0	10.0		ug/L		100	73 - 123

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	95		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	109		80 - 120

Lab Sample ID: LCSD 580-490496/6
Matrix: Water
Analysis Batch: 490496

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
Toluene	5.00	4.60		ug/L		92	80 - 126	0	20
1,2-Dibromoethane (EDB)	5.00	3.42		ug/L		68	61 - 143	4	22
Ethylbenzene	5.00	4.58		ug/L		92	80 - 124	1	22
m-Xylene & p-Xylene	5.00	5.06		ug/L		101	75 - 124	1	22
o-Xylene	5.00	5.07		ug/L		101	71 - 124	1	23
Xylenes, Total	10.0	10.1		ug/L		101	73 - 123	1	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		80 - 120

QC Sample Results

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149624-1

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

Lab Sample ID: LCSD 580-490496/6
Matrix: Water
Analysis Batch: 490496

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

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	110		80 - 120

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

Lab Sample ID: MB 580-490492/10
Matrix: Water
Analysis Batch: 490492

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline	<0.073		0.15	0.073	mg/L			04/18/25 14:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	108		77 - 123		04/18/25 14:35	1

Lab Sample ID: LCS 580-490492/7
Matrix: Water
Analysis Batch: 490492

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Gasoline	1.00	1.02		mg/L		102	55 - 148

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		77 - 123

Lab Sample ID: LCSD 580-490492/8
Matrix: Water
Analysis Batch: 490492

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits	RPD	Limit
Gasoline	1.00	1.05		mg/L		105	55 - 148	3	10

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		77 - 123

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-490099/1-A
Matrix: Water
Analysis Batch: 490227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490099

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	<0.091		0.20	0.091	mg/L		04/14/25 09:05	04/15/25 17:08	1
Motor Oil (>C24-C36)	<0.13		0.35	0.13	mg/L		04/14/25 09:05	04/15/25 17:08	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
o-Terphenyl	105		50 - 150	04/14/25 09:05	04/15/25 17:08	1

Eurofins Seattle

QC Sample Results

Client: AECOM
 Project/Site: Chevron- 211556 Toledo

Job ID: 580-149624-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCS 580-490099/2-A
Matrix: Water
Analysis Batch: 490227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 490099

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)	4.00	3.21		mg/L		80	50 - 120
Motor Oil (>C24-C36)	4.00	3.63		mg/L		91	64 - 120
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
<i>o</i> -Terphenyl	83		50 - 150				

Lab Sample ID: LCSD 580-490099/3-A
Matrix: Water
Analysis Batch: 490227

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 490099

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
#2 Diesel (C10-C24)	4.00	3.46		mg/L		86	50 - 120	8	26
Motor Oil (>C24-C36)	4.00	3.66		mg/L		91	64 - 120	1	24
LCSD LCSD									
Surrogate	%Recovery	Qualifier	Limits						
<i>o</i> -Terphenyl	81		50 - 150						

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 350-6174/25-A
Matrix: Water
Analysis Batch: 6203

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 6174

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.129	J	0.50	0.040	ug/L		04/11/25 18:01	04/14/25 14:43	1

Lab Sample ID: LCS 350-6174/26-A
Matrix: Water
Analysis Batch: 6203

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 6174

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	1000	1040		ug/L		104	80 - 120

Lab Chronicle

Client: AECOM

Job ID: 580-149624-1

Project/Site: Chevron- 211556 Toledo

Client Sample ID: B-2-W-20250410

Lab Sample ID: 580-149624-1

Date Collected: 04/10/25 11:55

Matrix: Water

Date Received: 04/10/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	490496	K1K	EET SEA	04/18/25 18:02
Total/NA	Analysis	NWTPH-Gx		1	490492	K1K	EET SEA	04/18/25 18:02
Total/NA	Prep	3510C			490099	EM	EET SEA	04/14/25 09:05
Total/NA	Analysis	NWTPH-Dx		1	490227	SW	EET SEA	04/15/25 18:48
Dissolved	Prep	3005A			6174	RMN	EET SSM	04/11/25 18:01
Dissolved	Analysis	6020B		1	6203	CW	EET SSM	04/14/25 15:57

Client Sample ID: TB-W-20250410

Lab Sample ID: 580-149624-2

Date Collected: 04/10/25 09:00

Matrix: Water

Date Received: 04/10/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	490496	K1K	EET SEA	04/18/25 14:58
Total/NA	Analysis	NWTPH-Gx		1	490492	K1K	EET SEA	04/18/25 14:58

Laboratory References:

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

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

Accreditation/Certification Summary

Client: AECOM

Job ID: 580-149624-1

Project/Site: Chevron- 211556 Toledo

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-24	07-13-25

Laboratory: Eurofins Seattle Specialty Metals

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788-23a	07-13-25



Sample Summary

Client: AECOM
Project/Site: Chevron- 211556 Toledo

Job ID: 580-149624-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
580-149624-1	B-2-W-20250410	Water	04/10/25 11:55	04/10/25 13:40
580-149624-2	TB-W-20250410	Water	04/10/25 09:00	04/10/25 13:40

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

Login Sample Receipt Checklist

Client: AECOM

Job Number: 580-149624-1

Login Number: 149624

List Number: 1

Creator: Pike, Jacob 1

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

