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ENVIRONMENT

Mr. Steve Teel, LHG
Cleanup Project Manager/Hydrogeologist
Washington State Department of Ecology
Toxics Cleanup Program, Southwest Regional Office
P.O. Box 47775
Olympia, WA 98504-7775

Subject:
Semi-Annual Status Report, Second Half 2021

Date:
January 14, 2022

Contact:
Ada Hamilton

Phone:
206-413-6430

Email:
Ada.Hamilton@arcadis.com

Our ref:
30064316

Dear Mr. Teel,

On behalf of Chevron Environmental Management Company (CEMC), Arcadis has prepared the attached *Semi-Annual Status Report, Second Half 2021* for the following facility:

Site	Facility Site ID No.	Location
Cowlitz Food & Fuel	1166	101 Mulford Road, Toledo, Washington

If you have any questions, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.

Ada Hamilton
Project Manager

Copies:
Mr. James Kiernan – CEMC

ARCADIS Design & Consultancy for natural and built assets

SEMI-ANNUAL STATUS REPORT

Second Half 2021
January 14, 2022

Facility No:	Cowlitz Food & Fuel (Former Texaco Service Station No. 211556	Address:	101 Mulford Road, Toledo, Washington

Arcadis Contact Person / Phone No.:	Ada Hamilton / (206) 413-6430
Arcadis Project No.:	30064316
Primary Agency / Regulatory ID No.:	Washington State Department of Ecology (Ecology) Southwest Regional Office, Toxics Cleanup Program / Steve Teel / Agreed Order No. DE5236

WORK CONDUCTED THIS PERIOD [Second Half 2021]:

1. Conducted semi-annual groundwater monitoring and sampling activities on November 29th, 2021.
2. Submitted the *Draft Cleanup Action Plan* to Ecology on December 17, 2021.
3. Prepared the *Semi-Annual Status Report, Second Half 2021*.

WORK PROPOSED NEXT PERIOD [First Half 2022]:

1. Conduct semi-annual groundwater monitoring activities.
2. Prepare the *Semi-Annual Status Report, First Half 2022*.

Current Phase of Project:	Monitoring/cleanup evaluation	
Frequency of Monitoring / Sampling:	Semi-Annual (Q2/Q4)	
Are Light Non-Aqueous Phase Liquid (LNAPL) Present On-site:	None	
Cumulative LNAPL Recovered to Date:	None	(gallons)
Depth to Groundwater:	5.96 (MW-114) to 8.19 (MW-110)	(feet below top of casing)
Groundwater Elevation:	100.70 (MW-110) to 101.28 (B-2)	(feet above NAVD88)

Groundwater Flow Direction	Southeast	
Groundwater Gradient	0.003	(feet per foot)
Current Remediation Techniques:	None	
Permits for Discharge:	Not Applicable	
Summary of Unusual Activity:	None	
Agency Directive Requirements:	Agreed Order No. DE5236	

DISCUSSION

Blaine Tech Services (BTS) conducted semi-annual groundwater monitoring activities on November 29th, 2021. Nine (9) monitoring wells ((MW-109, MW-110, MW-112, MW-113 and MW-114, and B-1 through B-4) were gauged and six (6) monitoring wells (MW-112, MW-113, MW-114, B-2, B-3, and B-4) were purged and sampled by BTS representatives. Well MW-111 was unable to be located, and presumed to be beneath a puddle, and therefore was not gauged or sampled during this event. It should be noted that although Ecology had previously approved the discontinuation of sampling of well MW-114 in a letter dated August 18, 2020; this change was erroneously not communicated to field staff. The groundwater monitoring field data sheets and general field procedures are included as Attachment A. The site location and site plan are presented on Figures 1 and 2, respectively.

Groundwater samples were submitted to Washington certified Pace Analytical Laboratory in Mount Juliet, Tennessee under standard chain-of-custody protocol and analyzed for the following constituents of potential concern (COPCs):

- Gasoline-range organics (GRO) by method NWTPH-Gx,
- Diesel-range organics (DRO) and heavy oil-range organics (HO) by method NWTPH-Dx both with and without silica gel cleanup,
- Benzene, toluene, ethylbenzene, xylene (collectively BTEX) by United States Environmental Protection Agency (USEPA) Method 8260D, and
- Dissolved lead by USEPA Method 6010D.

A groundwater duplicate sample was collected at monitoring well MW-114. The duplicate sample was also analyzed for GRO, DRO, HO, BTEX, and dissolved lead. The duplicate sample was submitted blind with the sample set to the laboratory. In the *Semi-Annual Status Report, First Half 2021,* Arcadis indicated that the duplicate sample collected from B-1 did not correspond to the results from the initial sample collected from B-1. Therefore, Arcadis proposed to collect a duplicate from B-1 during the November

monitoring event; however, as B-1 was discontinued from the sampling program, a sample was not collected. The groundwater duplicate sample collected from MW-114 corresponded to the results of the initial sample from MW-114.

Purge water generated during this sampling event was containerized and taken offsite by BTS for treatment and proper disposal.

No LNAPL was observed in any of the monitoring wells during this sampling event. The direction of groundwater flow was to the southeast, and the flow direction and calculated gradient of 0.003 feet per foot (feet/foot) were generally consistent with previous monitoring events as depicted on the rose diagram within Figure 3. The groundwater elevation contour map is presented on Figure 3.

Groundwater gauging and analytical data obtained during the second semi-annual gauging and sampling event of 2021 are summarized in Table 1. Historical groundwater gauging and analytical data are summarized in Table 2. The COPCs were either not detected above laboratory reporting limits or were detected at concentrations below the Washington Department of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs). The groundwater analytical map is presented on Figure 4. A copy of the laboratory analytical report and chain-of-custody documentation are included as Attachment B.

CONCLUSIONS AND RECOMMENDATIONS

Groundwater analytical results for COPCs in MW-112 and MW-113 continue to be either not detected above laboratory reporting limits or detected at concentrations below the MTCA Method A CULs.

GRO, DRO, and/or HO exceeded MTCA Method A CULs in B-3 and B-4 during previous events but did not exceed during the current event; concentrations in these wells will continue to be monitored.

Concentrations of COPCs in B-2 were not detected above laboratory reporting limits, which is consistent with previous sampling events with the exception of a CUL exceedance of DRO in sample during the previous event on May 24, 2021. The current and previous non-detect results indicate that the exceedance was anomalous. Arcadis will continue to sample B-2 in order to confirm that this previous exceedance was indeed an anomaly.

Arcadis recommends continuing semi-annual monitoring activities to further evaluate groundwater quality and concentration trends.

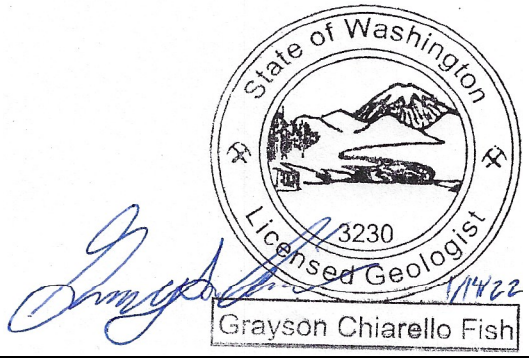
LIMITATIONS

This report was prepared in accordance with the scope of work outlined in Arcadis' contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of Chevron Environmental Management Company for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Arcadis. To the extent that this report is based on information provided to Arcadis by third parties, Arcadis may have made efforts to verify this third-party information, but Arcadis cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties expressed or implied are made by Arcadis.

Ada Hamilton

Date: January 14, 2022

Ada Hamilton
Project Manager



Date: January 14, 2022

Grayson Fish, L.G.
Licensed Geologist

ATTACHMENTS:

Table 1	Current Groundwater Gauging Data and Select Analytical Results, November 29, 2021
Table 2	Historic Groundwater Gauging Data and Select Analytical Results
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Contour Map, November 29, 2021
Figure 4	Groundwater Analytical Map, November 29, 2021
Attachment A	Field Data Sheets and General Procedures
Attachment B	Laboratory Report and Chain-of-Custody Documentation

TABLES

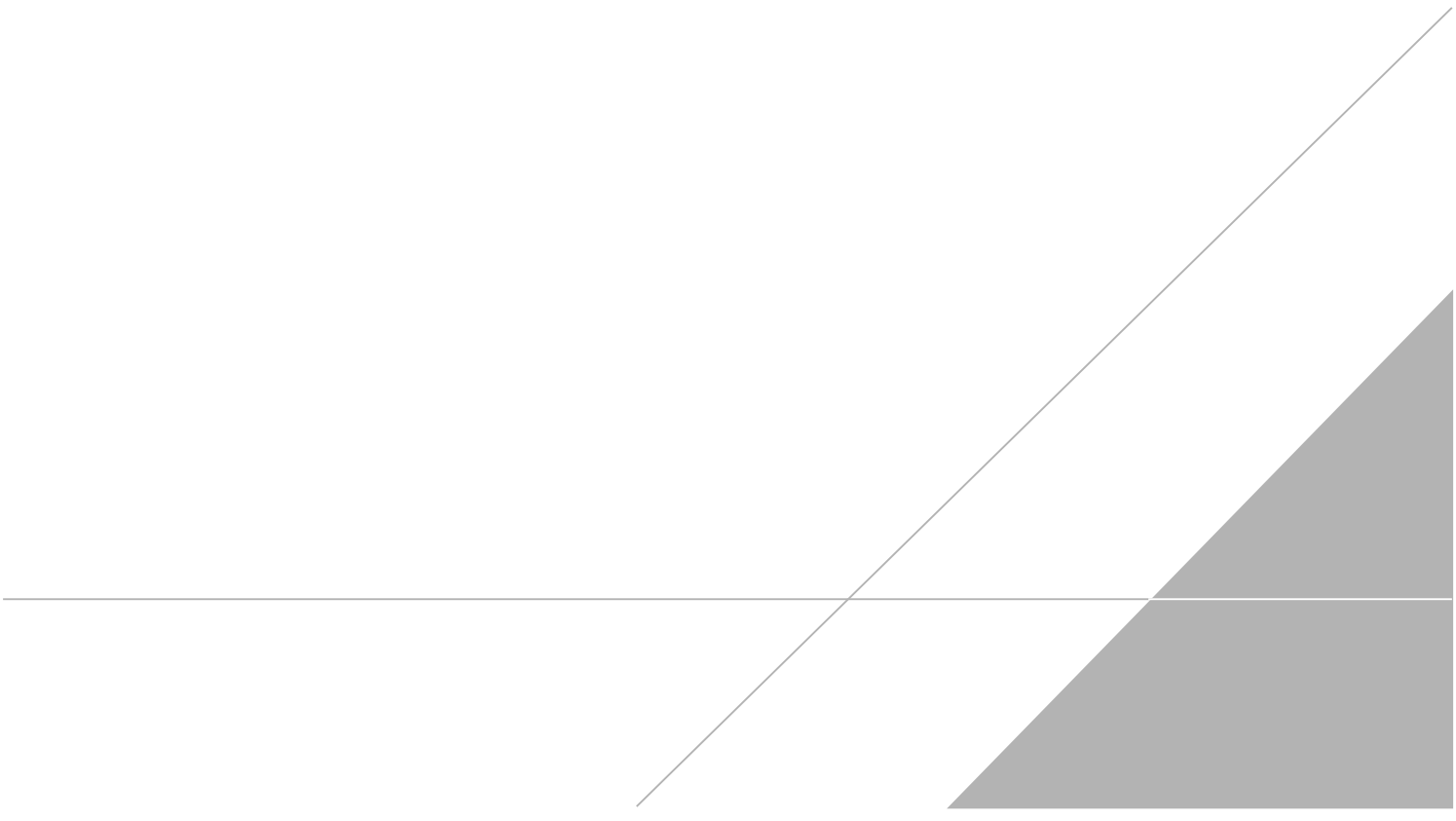


Table 1. Current Groundwater Gauging Data and Select Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

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Well	Date	TOC	DTW	NAPL	GWE	TPH-GRO	TPH-DRO	TPH-DRO w/SGT	TPH-HRO	TPH-HRO w/SGT	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
				MTCA Method A CULs		**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
																--
MW-109	11/29/2021	107.35	6.6	0.00	100.75	--	--	--	--	--	--	--	--	--	--	--
MW-110	11/29/2021	108.89	8.19	0.00	100.70	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-111	11/29/2021	107.12				UNABLE TO LOCATE - WELL UNDER PUDDLE										
MW-112	11/29/2021	107.58	6.83	0.00	100.75	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00
MW-113	11/29/2021	108.44	7.7	0.00	100.74	<100	<200	<200	<250	<250	<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	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00
MW-114 DUP	11/29/2021	--	--	--	--	<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	--	--	--	--	--	--	--	--	--	--	
B-2	11/29/2021	108.99	7.71	0.00	101.28	<100	<200	<200	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00
B-3	11/29/2021	108.46	7.31	0.00	101.15	<100	176	176	<250	<250	<1.00	<1.00	<1.00	<3.00	--	5.52
B-4	11/29/2021	107.68	6.52	0.00	101.16	723	122	122	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00

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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
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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 values are non-detect do not exceed the laboratory Reporting limit (RL), but the RL exceeds the MTCA Method A cleanup level
Results reported in micrograms per liter (µg/L)

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

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

Analytical Methods:
Samples analyzed by USEPA Method 8260D
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 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 preformed.
Dissolved Lead analyzed by USEPA 6010D

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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
				MTCA Method A CULs		800/1,000	500	500	500	500	5	1,000	700	1,000	20	15	
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	
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

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Well	Date	TOC	DTW	NAPL	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	5/13-14/2016	107.81	8.60	0.00	99.21				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/14/2016	107.81	7.83	0.00	99.98				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	05/14/2017	107.81	7.87	0.00	99.94				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/11-12/2017	107.81	7.93	0.00	99.88				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	05/11/2018	107.81	8.56	0.00	99.25				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/11-12/2018	107.81	8.91	0.00	98.90				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	04/27/2019	107.81	8.29	0.00	99.52				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/03/2019	107.81	8.55	0.00	99.26				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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	
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

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	2/4-6/2013	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
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	--	<0.13	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	--	0.55	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	--	<0.090	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	--	0.40	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	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	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	--	**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	--	<5.00	
MW-109	11/7/2020	107.35	6.62	0.00	100.73	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-109	11/29/2021	107.35	6.60	0.00	100.75	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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	--	--	--	--	--	--	--	--	
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	--	**1,800**	--	410	**<10**	<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	--	--	--	--	--	--	

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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
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 - MONITORING ONLY											
MW-110	11/14/2016	108.89	8.21	0.00	100.68	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	05/14/2017	108.89	8.40	0.00	100.49	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	11/11-12/2017	108.89	8.44	0.00	100.45	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	05/11/2018	108.89	9.12	0.00	99.77	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	11/11-12/2018	108.89	9.30	0.00	99.59	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	04/27/2019	108.89	8.93	0.00	99.96	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	11/03/2019	108.89	9.15	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	05/05/2020	108.89	9.15	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	11/7/2020	108.89	8.27	0.00	100.62	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	05/24/2021	108.89	9.61	0.00	99.28	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-110	11/29/2021	108.89	8.19	0.00	100.70	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	--	--	--	--	--	--	--	--	--	--	--	Not Sampled Due to the Presence of NAPL
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	--	--	--	--	--	--	--	--	--	--	--	Feet
MW-111	8/27-29/2008	107.12	7.71	0.00	99.41	--	--	--	--	--	--	--	--	--	--	--	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	--	<3,500	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	--	--	--	WELL FLOODED - UNABLE TO ACCESS											
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 ACCESS											
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

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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	
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	PUDDLE
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	--	--	--	--	--	--	--	--	
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	--	--	--	--	--	--	--	<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	--	--	--	--	<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	--	--	--	--	--	--	
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	0.24	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	0.92	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	0.057	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	0.51	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	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	0.27	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	0.36	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	0.46	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	0.58	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	0.29	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	0.19	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	0.56	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	0.49	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	<0.080	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	0.24	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	0.22	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	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	0.39	LFP
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

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	NAPL	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	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	
MW-112	05/24/2021	107.58	8.21	0.00	99.37	61.1 BJ	72.0 J	72.0 J	<250	<250	<1.00	<1.00	<1.00	<3.00	--	<6.00	
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	
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	--	--	--	--	--	--	--	--	--	--	--	--	
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	

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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-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-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	
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	

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	11/19/1999	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	--	--	--	--	--	--	LFP
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	11/26-28/2012	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	200	340	<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	38	**820**	340	<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 - MONITORING 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	
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	

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Well	Date	TOC	DTW	NAPL	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	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	
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 - MONITORING ONLY											
MW-115	11/14/2016	107.94	7.35	0.00	100.59	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-115	05/14/2017	107.94	7.44	0.00	100.50	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-115	11/11-12/2017	107.94	7.37	0.00	100.57	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-115	05/11/2018	107.94	8.20	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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	NAPL	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	11/11-12/2018	107.94	8.31	0.00	99.63				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	04/27/2019	107.94	7.49	0.00	100.45				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	11/03/2019	107.94	8.20	0.00	99.74				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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	--	--	<250	--	<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	LFP
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	
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 - MONITORING ONLY								

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	05/14/2017	107.56	8.07	0.00	99.49				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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 - MONITORING 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 - MONITORING ONLY								
MW-116	11/03/2019	107.56	8.48	0.00	99.08				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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**	--	--	--	--	--	2.68	
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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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 - MONITORING ONLY											
MW-117	05/14/2017	106.57	6.10	0.00	100.47	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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 - MONITORING 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 - MONITORING ONLY											
MW-117	11/03/2019	106.57	7.09	0.00	99.48	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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	--	--	--	--	--	--	LFP
MW-118-DUP	10/07/2004	106.72	7.55	0.00	99.17	<50	--	<80	--	160	--	--	--	--	--	--	LFP
MW-118	10/20/2005	106.72	7.78	0.00	98.94	<48	--	<83	--	<100	--	--	--	--	--	--	LFP
MW-118	09/05/2007	106.72	8.20	0.00	98.52	<50	--	**980**	--	**710**	--	--	--	--	--	0.13	LFP
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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	2/4-6/2013	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
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 - MONITORING ONLY											
MW-118	05/14/2017	106.72	6.50	0.00	100.22	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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 - MONITORING 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 - MONITORING ONLY											
MW-118	11/03/2019	106.72	7.66	0.00	99.06	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING 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	LFP
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

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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
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	
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	
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	
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	
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 - MONITORING ONLY											
MW-119	05/14/2017	108.35	7.85	0.00	100.50	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											LFP
MW-119	11/11-12/2017	108.35	7.92	0.00	100.43	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											LFP
MW-119	05/11/2018	108.35	8.60	0.00	99.75	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											LFP
MW-119	11/11-12/2018	108.35	8.62	0.00	99.73	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											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	
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	
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	
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	
MW-119	04/27/2019	108.35	8.39	0.00	99.96	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											LFP
MW-119	11/03/2019	108.35	8.34	0.00	100.01	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											LFP
MW-119	Nov 2019	108.35	--	--	--	WELL ABANDONED											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	
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	
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	
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	
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 - MONITORING ONLY											
MW-120	05/14/2017	107.11	6.67	0.00	100.44	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-120	11/11-12/2017	107.11	6.69	0.00	100.42	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-120	05/11/2018	107.11	7.49	0.00	99.62	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-120	11/11-12/2018	107.11	7.46	0.00	99.65	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-120	04/27/2019	107.11	--	--	--	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-120	11/03/2019	107.11	7.50	0.00	99.61	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY											
MW-120	Nov 2019	107.11	--	--	--	WELL ABANDONED											
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	

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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**	--	--	--	--	--	--	--	--	
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	--	--	--	--	--	--	--	<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

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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 - MONITORING ONLY											
B-2	02/14/1991	108.99	--	--	--	180	--	<250	--	--	--	--	--	--	--	--	
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	LFP
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

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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
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-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

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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
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	8/1-3/2012	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	
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	
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	
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	
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	
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	
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	
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	
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	
B-4	02/14/1991	107.68	--	--	--	33,000	--	<250	--	--	--	--	--	--	--	--	
B-4	02/14/1992	107.68	6.82	0.00	100.86	--	--	--	--	--	--	--	--	--	--	--	
B-4	02/18/1992	107.68	5.94	0.00	101.74	--	--	--	--	--	--	--	--	--	--	--	
B-4	03/09/1992	107.68	6.62	0.00	101.06	--	--	--	--	--	--	--	--	--	--	--	
B-4	03/13/1992	107.68	6.88	0.00	100.80	21,000	--	--	--	--	--	--	--	--	--	--	
B-4	04/21/1992	107.68	6.57	0.00	101.11	--	--	--	--	--	--	--	--	--	--	--	
B-4	03/03/1994	107.68	--	--	--	15,800	--	1,040	--	1,250	--	--	--	--	--	--	
B-4	08/22/1995	107.68	7.92	0.00	99.76	22,000	--	840	--	820	--	--	--	--	--	--	
B-4	11/28/1995	107.68	6.11	0.00	101.57	22,000	--	1,900	--	990	--	--	--	--	--	3.1	
B-4	03/12/1996	107.68	6.85	0.00	100.83	11,000	--	3,200	--	2,500	--	--	--	--	--	4.7	
B-4	06/26/1996	107.68	7.58	0.00	100.10	16,100	--	757	--	<750	--	--	--	--	--	2.83	
B-4	10/09/1996	107.68	7.90	0.00	99.78	10,200	--	543	--	<750	--	--	--	--	--	4.13	
B-4	02/12/1997	107.68	6.01	0.00	101.67	12,200	--	4,710	--	4,830	--	--	--	--	--	2.82	
B-4	04/22/1997	107.68	10.10	0.00	97.58	15,500	--	5,840	--	1,191	--	--	--	--	--	4.18	
B-4	08/05/1997	107.68	8.37	0.00	99.31	15,800	--	2,560	--	3,160	--	--	--	--	--	6.26	

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	11/11/1997	107.68	7.67	0.00	100.01	31,100	--	2,080	--	1,040	--	--	--	--	--	4.75	
B-4	02/11/1998	107.68	6.45	0.00	101.23	3,750	--	1,340	--	1,630	--	--	--	--	--	<2.0	
B-4	05/28/1998	107.68	7.25	0.00	100.43	2,510	--	3,180	--	1,250	--	--	--	--	--	4.69	
B-4	08/20/1998	107.68	9.12	0.00	98.56	7,240	--	1,460	--	1,240	--	--	--	--	--	1.17	
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	--	--	--	--	--	--	LFP
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	LFP
B-4-DUP	09/04/2007	107.68	8.40	0.00	99.28	3,300	--	340	--	140	--	--	--	--	--	1.7	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
B-4	5/2-4/2012	107.68	6.75	0.00	100.93	580	--	110	--	72	<0.5	<0.05	2	<0.5	<0.5	1.7	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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	
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	
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	
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	
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	
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	
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	
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	
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										

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

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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	--	--	--	--	--	--	--	--	--	--	--	
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	LFP
MW-104	05/02/2001	100.45	8.79	0.00	91.66	103	--	<250	--	<500	--	--	--	--	--	<1.0	LFP
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	LFP
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	LFP
MW-104	10/07/2004	100.45	9.09	0.00	91.36	<50	--	<83	--	<100	--	--	--	--	--	--	LFP
MW-104	10/20/2005	100.45	9.19	0.00	91.26	<48	--	<82	--	<100	--	--	--	--	--	--	LFP
MW-104	09/06/2007	100.45	9.42	0.00	91.03	<50	--	<79	--	<98	--	--	--	--	--	0.087	LFP
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	
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	
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	
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	
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	
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	
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	
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	

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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	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	
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	LFP
MW-106	05/03/2004	99.73	--	--	--	--	--		--	--	--	--	--	--	--	--	LFP

ARCADIS Design & Consultancy for natural and built assets

Well	Date	TOC	DTW	NAPL	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-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	--	--	--	--	--	--	--	--	--	--	--	
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	

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	NAPL	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						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	
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	--	--	--	--	--		--	--	--	--	--	--	--	--	

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	NAPL	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	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	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED																
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	--	--	
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[6]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	--	
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	--	

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	NAPL	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	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	--	

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

ARCADIS Design & Consultancy for natural and built assets

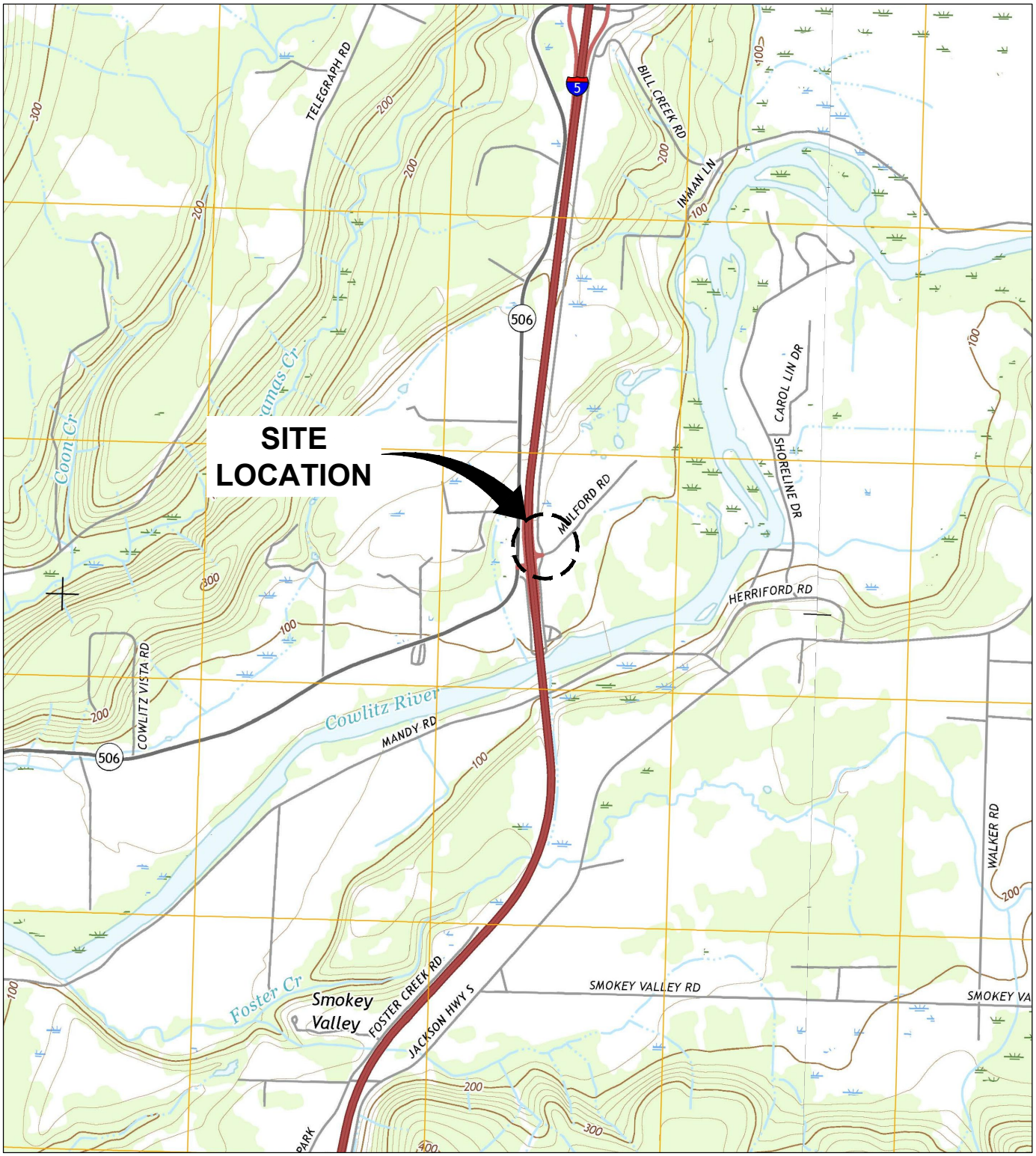
Notes:
800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L
BOLD and highlighted values exceed their respective MTCA Method A cleanup level
BOLD values are non-detect do not exceed the laboratory method detection limit (MDL), but the MDL exceeds the MTCA Method A cleanup level
Results reported in micrograms per liter (µg/L)

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

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

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 Hydrocarbon as Diesel Range Organics
TPH-HRO = Total Petroleum Hydrocarbons as Heavy Oil Range Organics
Dissolved Lead analyzed by USEPA 6010D

FIGURES

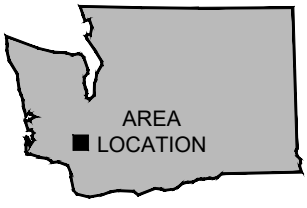


REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., WINLOCK, WA, 2017 AND TOLEDO, WA, 2017.

N

0 2,000' 4,000'

APPROXIMATE SCALE : 1 in. = 2,000 ft.



WASHINGTON

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION No. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

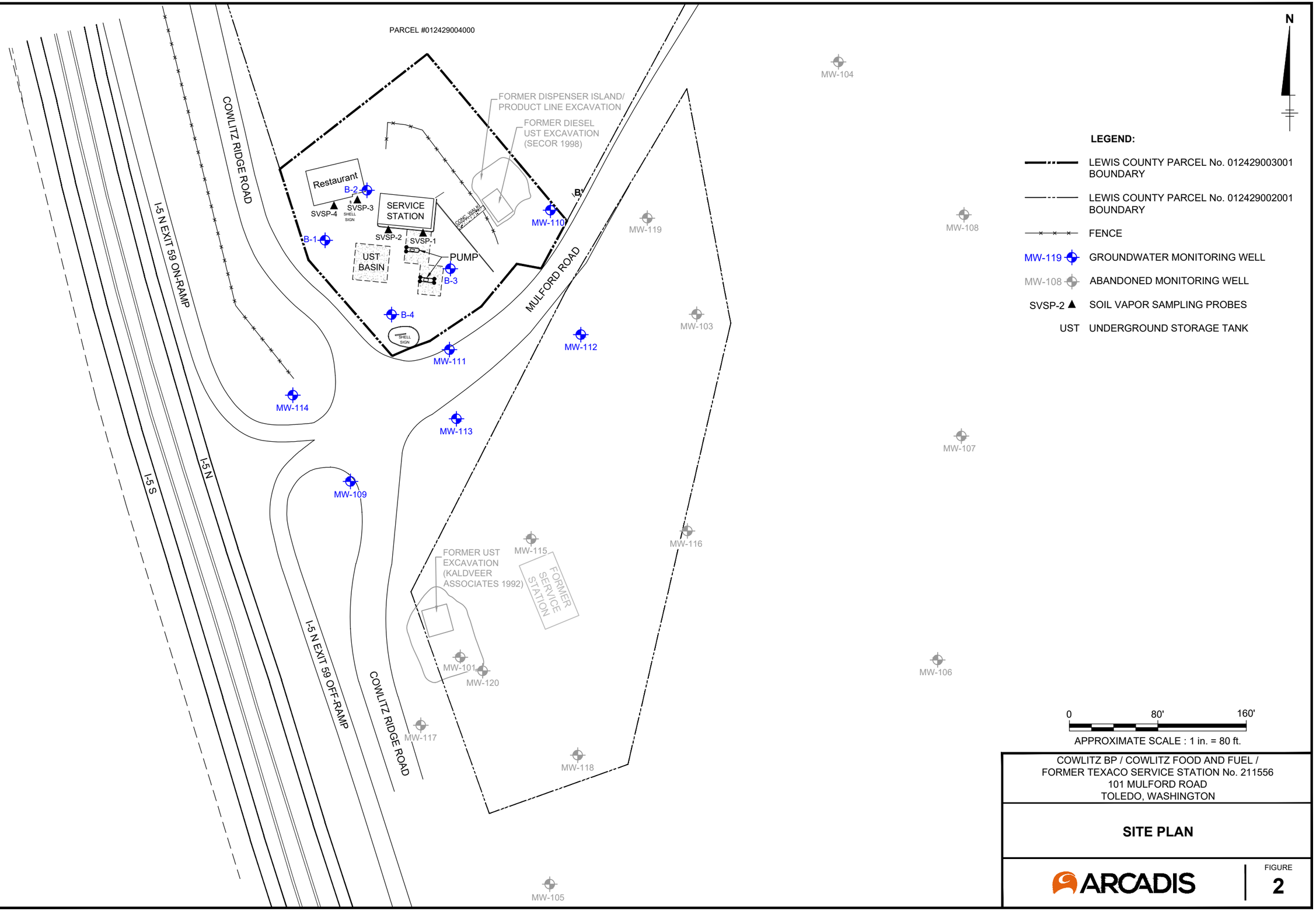
SITE LOCATION MAP

ARCADIS

FIGURE
1

XREFS: IMAGES: PROJECTNAME: ---
WA_Toledo_20170307_TM_geo.jpg
WA_Winlock_20170307_TM_geo.jpg

C:\Users\YMB2640\BIM 360\Arcadis\AUS-CHEVRON-211556-TOLEDO Washington\Project Files\2021\01-In Progress\01-DWG\GEN-F01-SITE LOCATION MAP.dwg LAYOUT: 1 SAVED: 6/22/2021 1:23 PM ACADVER: 23.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: --- PLOTTED: 6/22/2021 1:25 PM
BY: Y M. BABU



COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION No. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

SITE PLAN

ARCADIS

FIGURE
2

COWLITZ RIDGE ROAD

I-5 N EXIT 59 ON-RAMP

I-5 N

MULFORD ROAD

Restaurant

B-2 (101.28)

SVSP-4

SVSP-3

SHELL SIGN

SERVICE STATION

SVSP-2

SVSP-1

B-1 (101.22)

UST BASIN

PUMP

B-3 (101.15)

B-4 (101.16)

SHELL SIGN

CONC. WALK

FORMER DISPENSER ISLAND/ PRODUCT LINE EXCAVATION

FORMER DIESEL UST EXCAVATION (SECOR 1998)

MW-110 (100.70)

MW-111 (NG)

MW-112 (100.75)

MW-113 (100.74)

MW-114 (100.93)

MW-109 (100.75)

MW-119

MW-103

MW-115

MW-116

101.20

101.00

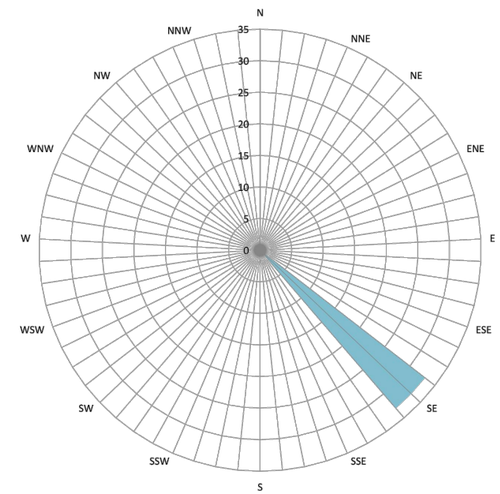
100.80

0.003 FT/FT

LEGEND:

- LEWIS COUNTY PARCEL No. 012429003001 BOUNDARY
- LEWIS COUNTY PARCEL No. 012429002001 BOUNDARY
- FENCE
- MW-119 — GROUNDWATER MONITORING WELL
- MW-119 — ABANDONED MONITORING WELL
- SVSP-2 — SOIL VAPOR SAMPLING PROBES
- UST — UNDERGROUND STORAGE TANK
- 101.20 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (101.28) — GROUNDWATER ELEVATION (FEET)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 0.003 FT/FT — APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)

N



Groundwater Gradient Direction

0 40' 80'

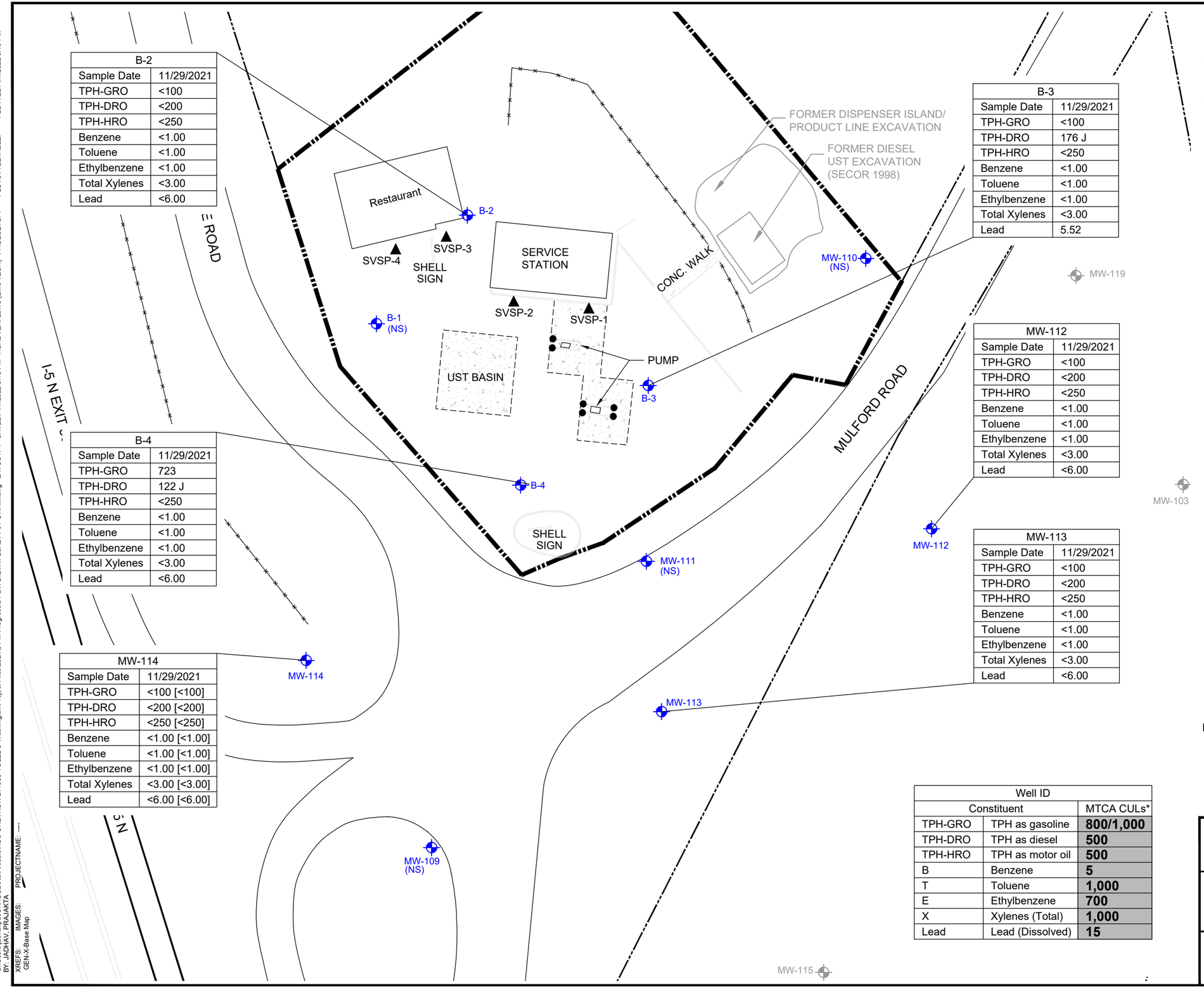
APPROXIMATE SCALE : 1 in. = 40 ft.

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION No. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

GROUNDWATER ELEVATION CONTOUR MAP NOVEMBER 29, 2021

ARCADIS

FIGURE 3



B-2	
Sample Date	11/29/2021
TPH-GRO	<100
TPH-DRO	<200
TPH-HRO	<250
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<3.00
Lead	<6.00

B-3	
Sample Date	11/29/2021
TPH-GRO	<100
TPH-DRO	176 J
TPH-HRO	<250
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<3.00
Lead	5.52

B-4	
Sample Date	11/29/2021
TPH-GRO	723
TPH-DRO	122 J
TPH-HRO	<250
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<3.00
Lead	<6.00

MW-112	
Sample Date	11/29/2021
TPH-GRO	<100
TPH-DRO	<200
TPH-HRO	<250
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<3.00
Lead	<6.00

MW-113	
Sample Date	11/29/2021
TPH-GRO	<100
TPH-DRO	<200
TPH-HRO	<250
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<3.00
Lead	<6.00

MW-114	
Sample Date	11/29/2021
TPH-GRO	<100 [<100]
TPH-DRO	<200 [<200]
TPH-HRO	<250 [<250]
Benzene	<1.00 [<1.00]
Toluene	<1.00 [<1.00]
Ethylbenzene	<1.00 [<1.00]
Total Xylenes	<3.00 [<3.00]
Lead	<6.00 [<6.00]

LEGEND:

- LEWIS COUNTY PARCEL No. 012429003001 BOUNDARY
- LEWIS COUNTY PARCEL No. 012429002001 BOUNDARY
- FENCE
- MW-119 GROUNDWATER MONITORING WELL
- MW-108 ABANDONED MONITORING WELL
- SVSP-2 SOIL VAPOR SAMPLING PROBES
- UST UNDERGROUND STORAGE TANK
- TPH TOTAL PETROLEUM HYDROCARBONS
- TPH-GRO TOTAL PETROLEUM HYDROCARBONS, GASOLINE RANGE ORGANICS
- TPH-DRO TOTAL PETROLEUM HYDROCARBONS, DIESEL RANGE ORGANICS
- TPH-HRO TOTAL PETROLEUM HYDROCARBON, HEAVY RANGE ORGANICS
- (NS) NOT SAMPLED
- [ ] DUPLICATE SAMPLE RESULT
- **BOLD** ANALYTE CONCENTRATION EXCEEDS MODEL TOXICS CONTROL ACT (MTCA) METHOD A CLEANUP LEVELS
- < NOT DETECTED AT OR ABOVE THE LABORATORY REPORTING LIMIT (RL)
- * ECOLOGY MODEL TOXICS CONTROL ACT (MTCA) METHOD A CLEANUP LEVELS (CULS) FOR GROUNDWATER WAC CHAPTER 173-340-900. TABLE 720-1
- 800/1,000 GRO MTCA METHOD A CUL WITH B PRESENT IS 800 µg/L AND WITHOUT IS 1,000 µg/L
- J ESTIMATED VALUE BETWEEN RL AND METHOD DETECTION LIMIT (MDL)

Well ID		
Constituent		MTCA CULs*
TPH-GRO	TPH as gasoline	**800/1,000**
TPH-DRO	TPH as diesel	**500**
TPH-HRO	TPH as motor oil	**500**
B	Benzene	**5**
T	Toluene	**1,000**
E	Ethylbenzene	**700**
X	Xylenes (Total)	**1,000**
Lead	Lead (Dissolved)	**15**

NOTE:

1. ALL UNITS ARE IN MICROGRAMS PER LITER (ug/L).

0 40' 80'

APPROXIMATE SCALE : 1 in. = 40 ft.

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION No. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

GROUNDWATER ANALYTICAL MAP NOVEMBER 29, 2021

ARCADIS

FIGURE 4

ATTACHMENT A

Field Data Sheets and General Procedures

Groundwater Gauging Log

Project Number	30064316
Client:	Chevron
Site ID:	211556
Site Location:	Toledo, Washington
Measuring Point:	Top of Casing
Date(s):	11/29/2021
Sampler(s):	Lee Bures
Gauging Equipment:	Water Level Meter

Well ID	Date	Gauging Time	Static Water Level (ft bmp)	Depth to Product (ft bmp)	Total Depth (ft bmp)	PID Reading (ppm)	LNAPL Removed (gal)	Comments
B-1	11/29/2021	11:00	6.52	ND	19.95	--	--	--
B-2	11/29/2021	23:04	7.71	ND	19.26	--	--	--
B-3	11/29/2021	10:55	7.31	ND	13.81	--	--	--
B-4	11/29/2021	23:08	6.52	ND	14.65	--	--	--
MW-109	11/29/2021	11:39	6.6	ND	12.60	--	--	--
MW-110	11/29/2021	11:14	8.19	ND	19.91	--	--	--
MW-111	11/29/2021	--	--	ND	--	--	--	Submerged in puddle
MW-112	11/29/2021	11:20	6.83	ND	17.37	--	--	--
MW-113	11/29/2021	23:26	7.7	ND	18.15	--	--	--
MW-114	11/29/2021	11:34	5.96	ND	16.60	--	--	--

ft-bmp = feet below measuring point ND = Not Detected PID = Photoionization Detector Reading

ppm = parts per million -- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	B-1	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	--
Static Water Level (ft-bmp)	6.52	**Total Depth (ft-bmp)**	19.95	**Water Column (ft)**	13.43	**Gallons in Well**	2.18
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**		Grab	
Sample Time	14:30	**Well Volumes Purged**	0.36	**Sample ID**	B-1-211129	**Evacuation Equipment**	Peristaltic
Purge Start	14:12	**Gallons Purged**	0.79	**Duplicate ID**	--		
Purge End	14:27	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
14:15	100	6.52	6.90	0.240	51.0	1.12	11.40	72.9	Clear	--
14:18	100	6.52	6.98	0.233	41.0	1.27	11.42	79.5	Clear	--
14:21	100	6.52	6.93	0.223	39.0	0.98	11.43	80.9	Clear	--
14:24	100	6.52	6.96	0.222	38.0	0.98	11.44	80	Clear	--
14:27	100	6.52	6.99	0.221	38.0	0.98	11.45	76	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: B-1-211129 Sample Time: 14:30 Sample Depth (ft-bmp): 13

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	B-2	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	--
Static Water Level (ft-bmp)	7.71	**Total Depth (ft-bmp)**	19.26	**Water Column (ft)**	11.55	**Gallons in Well**	1.88
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**	Grab		
Sample Time	16:02	**Well Volumes Purged**	0.42	**Sample ID**	B-2-211129	**Evacuation Equipment**	Peristaltic
Purge Start	15:44	**Gallons Purged**	0.79	**Duplicate ID**	--		
Purge End	15:59	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
15:47	100	7.71	6.27	0.604	57.0	1.42	12.96	91.6	Clear	--
15:50	100	7.71	6.39	0.536	57.0	1.56	12.92	78.9	Clear	--
15:53	100	7.71	6.99	0.436	37.0	1.59	12.92	72.7	Clear	--
15:56	100	7.71	6.95	0.433	36.0	1.48	12.94	78.9	Clear	--
15:59	100	7.71	6.95	0.433	36.0	1.47	12.94	78.5	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: B-2-211129 Sample Time: 16:02 Sample Depth (ft-bmp): 13

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	B-3	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	--
Static Water Level (ft-bmp)	7.31	**Total Depth (ft-bmp)**	13.81	**Water Column (ft)**	6.50	**Gallons in Well**	1.06
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**	Grab		
Sample Time	15:29	**Well Volumes Purged**	0.75	**Sample ID**	B-3-211129	**Evacuation Equipment**	Peristaltic
Purge Start	15:11	**Gallons Purged**	0.79	**Duplicate ID**	--		
Purge End	15:26	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
15:14	200	7.31	6.10	0.226	29.0	1.43	11.54	82.5	Clear	--
15:17	200	7.31	6.04	0.227	12.0	1.08	11.44	89.8	Clear	--
15:20	200	7.31	5.92	0.231	8.0	0.76	11.48	94.5	Clear	--
15:23	200	7.31	5.90	0.232	8.0	0.70	11.48	93.8	Clear	--
15:26	200	7.31	5.91	0.231	8.0	0.72	11.49	92.6	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: B-3-211129 Sample Time: 15:29 Sample Depth (ft-bmp): 10

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	B-4	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	--
Static Water Level (ft-bmp)	6.52	**Total Depth (ft-bmp)**	14.65	**Water Column (ft)**	8.13	**Gallons in Well**	1.32
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**		Grab	
Sample Time	14:59	**Well Volumes Purged**	0.60	**Sample ID**	B-4-211129	**Evacuation Equipment**	Peristaltic
Purge Start	14:41	**Gallons Purged**	0.79	**Duplicate ID**	--		
Purge End	14:56	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
14:44	200	6.52	5.62	0.250	153	0.71	11.29	30.8	Clear	--
14:47	200	6.52	5.13	0.252	145	0.69	11.36	50.2	Clear	--
14:50	200	6.52	5.07	0.256	128	0.85	11.52	51.8	Clear	--
14:53	200	6.52	5.09	0.258	125	0.85	11.75	53.9	Clear	--
14:56	200	6.52	5.09	0.260	125	0.85	11.76	52.6	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: B-4-211129 Sample Time: 14:59 Sample Depth (ft-bmp): 10

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	MW-109	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	--
Static Water Level (ft-bmp)	6.6	**Total Depth (ft-bmp)**	12.6	**Water Column (ft)**	6.00	**Gallons in Well**	0.97
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**	Grab		
Sample Time	12:05	**Well Volumes Purged**	0.82	**Sample ID**	MW-109-20211129	**Evacuation Equipment**	Peristaltic
Purge Start	11:47	**Gallons Purged**	0.79	**Duplicate ID**	--		
Purge End	12:02	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
11:50	100	6.60	7.13	0.125	28.0	1.80	11.35	45.3	Clear	--
11:53	100	7.25	7.15	0.128	20.0	1.47	11.36	49.2	Clear	--
11:56	100	7.30	7.19	0.116	19.0	0.93	11.43	47.5	Clear	--
11:59	100	7.35	7.15	0.115	19.0	0.92	11.46	43.1	Clear	--
12:02	100	7.40	7.13	0.115	19.0	0.91	11.49	43.3	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-109-20211129 Sample Time: 12:05 Sample Depth (ft-bmp): 9

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	MW-112	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	--
Static Water Level (ft-bmp)	6.83	**Total Depth (ft-bmp)**	17.37	**Water Column (ft)**	10.54	**Gallons in Well**	1.71
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**			Grab
Sample Time	13:28	**Well Volumes Purged**	0.46	**Sample ID**	MW-112-211129	**Evacuation Equipment**	Peristaltic
Purge Start	13:10	**Gallons Purged**	0.79	**Duplicate ID**	--		
Purge End	13:25	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
13:13	100	6.83	5.64	0.152	186	1.12	11.33	80.6	Clear	--
13:16	100	6.83	5.33	0.151	153	0.51	11.43	79.8	Clear	--
13:19	100	6.83	5.27	0.152	130	0.40	11.48	73.8	Clear	--
13:22	100	6.83	5.23	0.151	130	0.45	11.53	77.5	Clear	--
13:25	100	6.83	5.20	0.151	129	0.47	11.57	72.5	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-112-211129 Sample Time: 13:28 Sample Depth (ft-bmp): 12

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	MW-113	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	4	**Well Casing Material**	--
Static Water Level (ft-bmp)	7.7	**Total Depth (ft-bmp)**	18.15	**Water Column (ft)**	10.45	**Gallons in Well**	6.79
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**		Grab	
Sample Time	13:56	**Well Volumes Purged**	0.12	**Sample ID**	MW-113-211129	**Evacuation Equipment**	Peristaltic
Purge Start	13:38	**Gallons Purged**	0.79	**Duplicate ID**	--		
Purge End	13:53	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
13:41	100	7.70	6.23	0.055	18.0	1.07	11.67	87.3	Clear	--
13:44	100	7.70	--	6.36	10.0	0.63	11.75	89.5	Clear	--
13:47	100	7.70	6.03	0.053	9.0	0.68	11.78	83.1	Clear	--
13:50	100	7.70	6.09	0.054	9.0	0.67	11.82	82.8	Clear	--
13:53	100	7.70	6.07	0.054	9.0	0.69	11.80	81.3	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-113-211129 Sample Time: 13:56 Sample Depth (ft-bmp): 13

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

Chevron Groundwater Sampling Form

ARCADIS

Project Number	30064316	**Well ID**	MW-114	**Date**	11/29/2021		
Site Location	Toledo, Washington	**Site ID**	211556	**Weather (°F)**	Clear	**Sampled by**	Lee Bures
Measuring Point Description	Top of Casing	**Screen Depth Interval (ft-bmp)**	-- to --	**Casing Diameter (in.)**	2	**Well Casing Material**	--
Static Water Level (ft-bmp)	5.96	**Total Depth (ft-bmp)**	16.6	**Water Column (ft)**	10.64	**Gallons in Well**	1.73
Water Quality Meter Make/Model	Hach 2100Q,YSI 556 MP5	**Purge Method**	Low-Flow	**Sample Method**		Grab	
Sample Time	12:45	**Well Volumes Purged**	0.46	**Sample ID**	MW-114-211129	**Evacuation Equipment**	Peristaltic
Purge Start	12:27	**Gallons Purged**	0.79	**Duplicate ID**	BD-W-211556-211129		
Purge End	12:42	**Total Purge Time (h:m)**	0:15				

Time	Rate (ml/min)	Depth to Water (ft)	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
									Color	Odor
12:30	100	6.01	6.45	0.524	258	1.69	11.80	78.2	Clear	--
12:33	100	6.01	6.52	0.410	211	1.41	11.79	70.9	Clear	--
12:36	100	6.01	6.40	0.310	209	1.40	11.78	69.1	Clear	--
12:39	100	6.01	6.40	0.305	207	1.37	11.76	68.1	Clear	--
12:42	100	6.01	6.46	0.301	206	1.35	11.74	67.2	Clear	--

Comments: None

Well Casing Volume Conversion

Well diameter (in.) = gallons per foot
1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Sample Information

Sample ID: MW-114-211129 Sample Time: 12:45 Sample Depth (ft-bmp): 11

Analytes and Methods: See Chain-of-Custody.

ft-bmp = feet below measuring point
in. = inches
ft = feet
mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Unit
mg/L = milligrams per liter
PVC = Polyvinyl Chloride

mV = millivolts
°F = degrees Fahrenheit
°C = degrees Celsius
-- = Not Recorded

ATTACHMENT B

Laboratory Report and Chain-of-Custody Documentation

ANALYTICAL REPORT

December 15, 2021

Arcadis - Chevron - WA

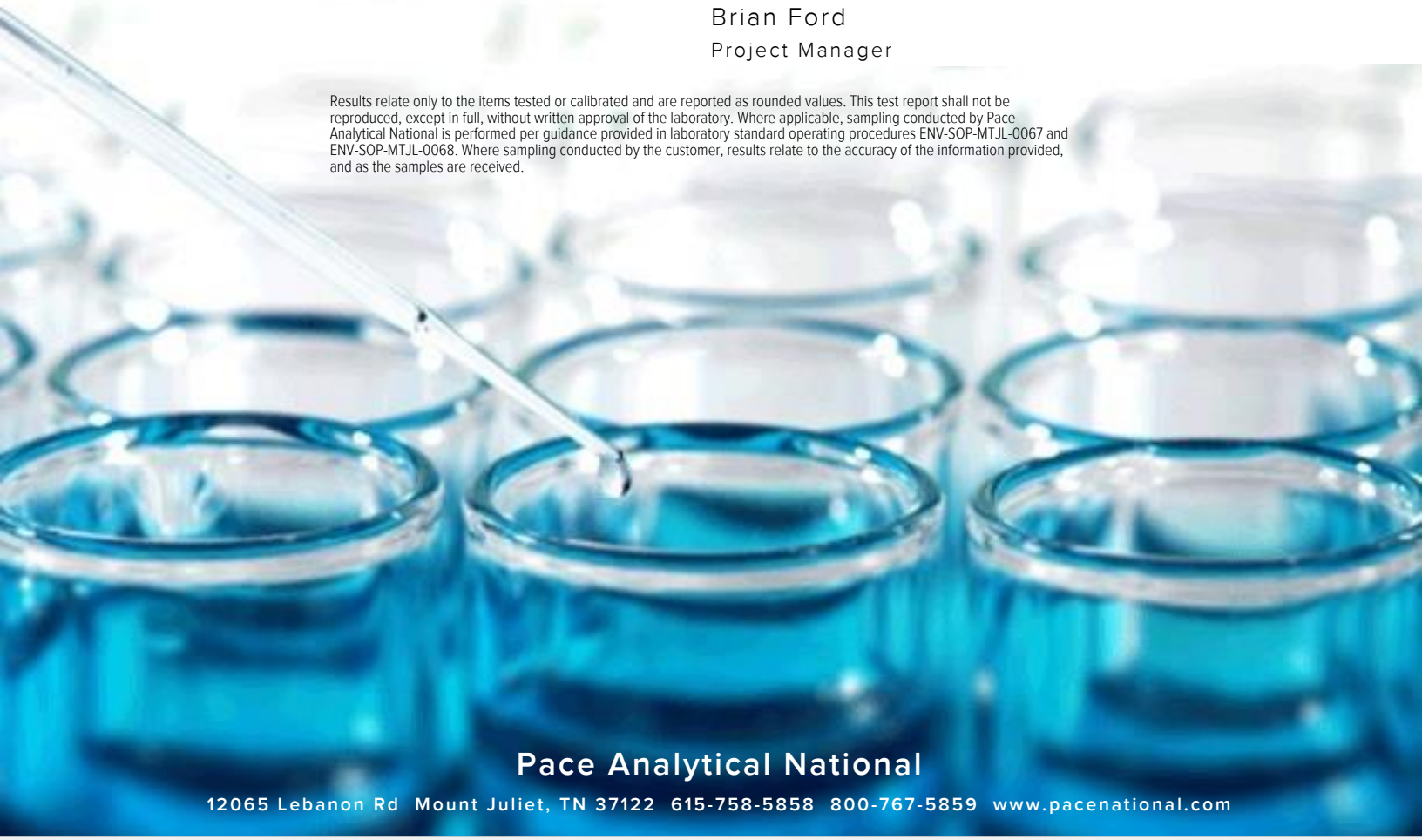
Sample Delivery Group:	L1437066
Samples Received:	12/02/2021
Project Number:	30064316
Description:	211556
Site:	101 MULFORD ROAD, TOLEDO, WA
Report To:	Ada Hamilton 1100 Olive Way Suite 800 Seattle, WA 98101

Entire Report Reviewed By:

Brian Ford

Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

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

TABLE OF CONTENTS

MW-109-211129 L1437066-01 NONE

Collected by: Andrew Waser | Collected date/time: 11/29/21 12:05 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location

MW-112-211129 L1437066-02 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 13:28 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1787375	1	12/10/21 17:32	12/14/21 09:05	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1783651	1	12/03/21 17:20	12/03/21 17:20	MGF	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1784115	1	12/04/21 22:33	12/04/21 22:33	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1783759	1	12/04/21 11:33	12/04/21 22:36	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1785941	1	12/04/21 11:33	12/04/21 22:36	DMG	Mt. Juliet, TN

MW-113-211129 L1437066-03 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 13:56 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1787375	1	12/10/21 17:32	12/14/21 10:21	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1783651	1	12/03/21 17:42	12/03/21 17:42	MGF	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1784115	1	12/04/21 22:52	12/04/21 22:52	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1783759	1	12/04/21 11:33	12/04/21 23:02	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1785941	1	12/04/21 11:33	12/04/21 23:02	DMG	Mt. Juliet, TN

MW-114-211129 L1437066-04 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 12:45 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1787375	1	12/10/21 17:32	12/14/21 10:24	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1783651	1	12/03/21 18:03	12/03/21 18:03	MGF	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1784115	1	12/04/21 23:12	12/04/21 23:12	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1784936	1	12/06/21 17:37	12/07/21 04:43	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1785945	1	12/06/21 17:37	12/07/21 04:43	DMG	Mt. Juliet, TN

B-1-211129 L1437066-05 NONE

Collected by: Andrew Waser | Collected date/time: 11/29/21 14:30 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location

B-2-211129 L1437066-06 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 16:02 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1787375	1	12/10/21 17:32	12/14/21 10:26	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1783651	1	12/03/21 18:25	12/03/21 18:25	MGF	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1784115	1	12/04/21 23:31	12/04/21 23:31	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1783759	1	12/04/21 11:33	12/04/21 23:28	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1785941	1	12/04/21 11:33	12/04/21 23:28	DMG	Mt. Juliet, TN

B-3-211129 L1437066-07 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 15:29 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1787378	1	12/10/21 17:16	12/15/21 00:38	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1783651	1	12/03/21 18:47	12/03/21 18:47	MGF	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1784115	1	12/04/21 23:51	12/04/21 23:51	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1783759	1	12/04/21 11:33	12/04/21 23:54	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1783763	1	12/04/21 11:36	12/04/21 23:54	DMG	Mt. Juliet, TN

B-4-211129 L1437066-08 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 14:59 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1787378	1	12/10/21 17:16	12/15/21 00:48	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1783651	1	12/03/21 19:08	12/03/21 19:08	MGF	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1784183	1	12/04/21 14:46	12/04/21 14:46	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1783759	1	12/04/21 11:33	12/04/21 20:53	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1783763	1	12/04/21 11:36	12/04/21 20:53	DMG	Mt. Juliet, TN

BD-W-211556-211129 L1437066-09 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 12:00 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG1787378	1	12/10/21 17:16	12/15/21 00:51	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1783651	1	12/03/21 19:30	12/03/21 19:30	MGF	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1784183	1	12/04/21 15:06	12/04/21 15:06	JCP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1783759	1	12/04/21 11:33	12/04/21 21:19	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1783763	1	12/04/21 11:36	12/04/21 21:19	DMG	Mt. Juliet, TN

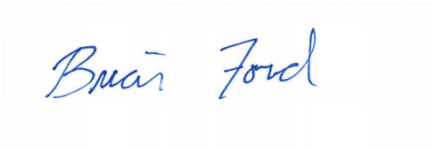
TB-211556-211129 L1437066-10 GW

Collected by: Andrew Waser | Collected date/time: 11/29/21 10:00 | Received date/time: 12/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location

CASE NARRATIVE

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



Brian Ford
Project Manager

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.99	6.00	1	12/14/2021 09:05	WG1787375

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/03/2021 17:20	WG1783651
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*		*12/03/2021 17:20*	WG1783651

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	12/04/2021 22:33	WG1784115
Toluene	U		0.278	1.00	1	12/04/2021 22:33	WG1784115
Ethylbenzene	U		0.137	1.00	1	12/04/2021 22:33	WG1784115
Total Xylenes	U		0.174	3.00	1	12/04/2021 22:33	WG1784115
(S) Toluene-d8	*114*			*80.0-120*		*12/04/2021 22:33*	WG1784115
(S) 4-Bromofluorobenzene	*92.3*			*77.0-126*		*12/04/2021 22:33*	WG1784115
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/04/2021 22:33*	WG1784115

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 22:36	WG1783759
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 22:36	WG1783759
(S) o-Terphenyl	*66.3*			*52.0-156*		*12/04/2021 22:36*	WG1783759

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 22:36	WG1785941
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 22:36	WG1785941
(S) o-Terphenyl	*66.3*			*52.0-156*		*12/04/2021 22:36*	WG1785941

Sample Narrative:

L1437066-02 WG1785941: Reporting from non-silica gel data due to non-detect to the RDL.

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead,Dissolved	U		2.99	6.00	1	12/14/2021 10:21	WG1787375

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/03/2021 17:42	WG1783651
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*		*12/03/2021 17:42*	WG1783651

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/04/2021 22:52	WG1784115
Toluene	U		0.278	1.00	1	12/04/2021 22:52	WG1784115
Ethylbenzene	U		0.137	1.00	1	12/04/2021 22:52	WG1784115
Total Xylenes	U		0.174	3.00	1	12/04/2021 22:52	WG1784115
(S) Toluene-d8	*113*			*80.0-120*		*12/04/2021 22:52*	WG1784115
(S) 4-Bromofluorobenzene	*90.2*			*77.0-126*		*12/04/2021 22:52*	WG1784115
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/04/2021 22:52*	WG1784115

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 23:02	WG1783759
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 23:02	WG1783759
(S) o-Terphenyl	*94.2*			*52.0-156*		*12/04/2021 23:02*	WG1783759

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 23:02	WG1785941
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 23:02	WG1785941
(S) o-Terphenyl	*94.2*			*52.0-156*		*12/04/2021 23:02*	WG1785941

Sample Narrative:

L1437066-03 WG1785941: Reporting from non-silica gel data due to non-detect to the RDL.

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead,Dissolved	U		2.99	6.00	1	12/14/2021 10:24	WG1787375

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/03/2021 18:03	WG1783651
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*		*12/03/2021 18:03*	WG1783651

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/04/2021 23:12	WG1784115
Toluene	U		0.278	1.00	1	12/04/2021 23:12	WG1784115
Ethylbenzene	U		0.137	1.00	1	12/04/2021 23:12	WG1784115
Total Xylenes	U		0.174	3.00	1	12/04/2021 23:12	WG1784115
(S) Toluene-d8	*113*			*80.0-120*		*12/04/2021 23:12*	WG1784115
(S) 4-Bromofluorobenzene	*89.3*			*77.0-126*		*12/04/2021 23:12*	WG1784115
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*12/04/2021 23:12*	WG1784115

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U	J3	66.7	200	1	12/07/2021 04:43	WG1784936
Residual Range Organics (RRO)	U		83.3	250	1	12/07/2021 04:43	WG1784936
(S) o-Terphenyl	*109*			*52.0-156*		*12/07/2021 04:43*	WG1784936

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U	J3	66.7	200	1	12/07/2021 04:43	WG1785945
Residual Range Organics (RRO)	U		83.3	250	1	12/07/2021 04:43	WG1785945
(S) o-Terphenyl	*109*			*52.0-156*		*12/07/2021 04:43*	WG1785945

Sample Narrative:

L1437066-04 WG1785945: Reporting from non-silica gel data due to non-detect to the RDL.

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead,Dissolved	U		2.99	6.00	1	12/14/2021 10:26	WG1787375

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/03/2021 18:25	WG1783651
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*		*12/03/2021 18:25*	WG1783651

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/04/2021 23:31	WG1784115
Toluene	U		0.278	1.00	1	12/04/2021 23:31	WG1784115
Ethylbenzene	U		0.137	1.00	1	12/04/2021 23:31	WG1784115
Total Xylenes	U		0.174	3.00	1	12/04/2021 23:31	WG1784115
(S) Toluene-d8	*116*			*80.0-120*		*12/04/2021 23:31*	WG1784115
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*12/04/2021 23:31*	WG1784115
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/04/2021 23:31*	WG1784115

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 23:28	WG1783759
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 23:28	WG1783759
(S) o-Terphenyl	*80.5*			*52.0-156*		*12/04/2021 23:28*	WG1783759

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 23:28	WG1785941
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 23:28	WG1785941
(S) o-Terphenyl	*80.5*			*52.0-156*		*12/04/2021 23:28*	WG1785941

Sample Narrative:

L1437066-06 WG1785941: Reporting from non-silica gel data due to non-detect to the RDL.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead,Dissolved	5.52	J	2.99	6.00	1	12/15/2021 00:38	WG1787378

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/03/2021 18:47	WG1783651
(S) a,a,a-Trifluorotoluene(FID)	*112*			*78.0-120*		*12/03/2021 18:47*	WG1783651

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	12/04/2021 23:51	WG1784115
Toluene	U		0.278	1.00	1	12/04/2021 23:51	WG1784115
Ethylbenzene	U		0.137	1.00	1	12/04/2021 23:51	WG1784115
Total Xylenes	U		0.174	3.00	1	12/04/2021 23:51	WG1784115
(S) Toluene-d8	*114*			*80.0-120*		*12/04/2021 23:51*	WG1784115
(S) 4-Bromofluorobenzene	*97.2*			*77.0-126*		*12/04/2021 23:51*	WG1784115
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/04/2021 23:51*	WG1784115

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	176	J	66.7	200	1	12/04/2021 23:54	WG1783759
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 23:54	WG1783759
(S) o-Terphenyl	*95.3*			*52.0-156*		*12/04/2021 23:54*	WG1783759

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	176	J	66.7	200	1	12/04/2021 23:54	WG1783763
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 23:54	WG1783763
(S) o-Terphenyl	*95.3*			*52.0-156*		*12/04/2021 23:54*	WG1783763

Sample Narrative:

L1437066-07 WG1783763: Reporting from non-silica gel data due to non-detect to the RDL.

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead,Dissolved	U		2.99	6.00	1	12/15/2021 00:48	WG1787378

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	723		31.6	100	1	12/03/2021 19:08	WG1783651
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*12/03/2021 19:08*	WG1783651

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/04/2021 14:46	WG1784183
Toluene	U		0.278	1.00	1	12/04/2021 14:46	WG1784183
Ethylbenzene	U		0.137	1.00	1	12/04/2021 14:46	WG1784183
Total Xylenes	U		0.174	3.00	1	12/04/2021 14:46	WG1784183
(S) Toluene-d8	*107*			*80.0-120*		*12/04/2021 14:46*	WG1784183
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*12/04/2021 14:46*	WG1784183
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/04/2021 14:46*	WG1784183

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	122	J	66.7	200	1	12/04/2021 20:53	WG1783759
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 20:53	WG1783759
(S) o-Terphenyl	*94.2*			*52.0-156*		*12/04/2021 20:53*	WG1783759

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	122	J	66.7	200	1	12/04/2021 20:53	WG1783763
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 20:53	WG1783763
(S) o-Terphenyl	*94.2*			*52.0-156*		*12/04/2021 20:53*	WG1783763

Sample Narrative:

L1437066-08 WG1783763: Reporting from non-silica gel data due to non-detect to the RDL.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Lead,Dissolved	U		2.99	6.00	1	12/15/2021 00:51	WG1787378

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/03/2021 19:30	WG1783651
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*		*12/03/2021 19:30*	WG1783651

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0941	1.00	1	12/04/2021 15:06	WG1784183
Toluene	U		0.278	1.00	1	12/04/2021 15:06	WG1784183
Ethylbenzene	U		0.137	1.00	1	12/04/2021 15:06	WG1784183
Total Xylenes	U		0.174	3.00	1	12/04/2021 15:06	WG1784183
(S) Toluene-d8	*110*			*80.0-120*		*12/04/2021 15:06*	WG1784183
(S) 4-Bromofluorobenzene	*98.5*			*77.0-126*		*12/04/2021 15:06*	WG1784183
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*12/04/2021 15:06*	WG1784183

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 21:19	WG1783759
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 21:19	WG1783759
(S) o-Terphenyl	*81.1*			*52.0-156*		*12/04/2021 21:19*	WG1783759

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	12/04/2021 21:19	WG1783763
Residual Range Organics (RRO)	U		83.3	250	1	12/04/2021 21:19	WG1783763
(S) o-Terphenyl	*81.1*			*52.0-156*		*12/04/2021 21:19*	WG1783763

Sample Narrative:

L1437066-09 WG1783763: Reporting from non-silica gel data due to non-detect to the RDL.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3740614-1 12/14/21 09:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead,Dissolved	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3740614-2 12/14/21 09:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead,Dissolved	1000	897	89.7	80.0-120	

L1437066-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1437066-02 12/14/21 09:05 • (MS) R3740614-4 12/14/21 09:11 • (MSD) R3740614-5 12/14/21 09:13

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead,Dissolved	1000	U	1010	912	101	91.2	1	75.0-125			10.5	20

Method Blank (MB)

(MB) R3740824-1 12/15/21 00:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead,Dissolved	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3740824-2 12/15/21 00:35

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead,Dissolved	1000	979	97.9	80.0-120	

L1437066-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1437066-07 12/15/21 00:38 • (MS) R3740824-4 12/15/21 00:43 • (MSD) R3740824-5 12/15/21 00:46

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead,Dissolved	1000	5.52	1000	992	99.8	98.6	1	75.0-125			1.16	20

Method Blank (MB)

(MB) R3738014-2 12/03/21 13:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*113*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3738014-1 12/03/21 12:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4990	90.7	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*103*	*78.0-120*	

L1436853-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1436853-01 12/03/21 14:21 • (MS) R3738014-3 12/03/21 19:51 • (MSD) R3738014-4 12/03/21 20:13

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	U	4970	4920	90.4	89.5	1	10.0-155			1.01	21
(S) a,a,a-Trifluorotoluene(FID)					*102*	*103*		*78.0-120*				

Method Blank (MB)

(MB) R3738479-2 12/04/21 22:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*87.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3738479-1 12/04/21 21:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.55	111	70.0-123	
Ethylbenzene	5.00	5.49	110	79.0-123	
Toluene	5.00	5.30	106	79.0-120	
Xylenes, Total	15.0	16.3	109	79.0-123	
(S) Toluene-d8			*112*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.9*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	

Method Blank (MB)

(MB) R3738146-1 12/04/21 10:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*111*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3738146-2 12/04/21 10:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.46	109	70.0-123	
Ethylbenzene	5.00	6.08	122	79.0-123	
Toluene	5.00	5.75	115	79.0-120	
Xylenes, Total	15.0	17.6	117	79.0-123	
(S) Toluene-d8			*110*	*80.0-120*	
(S) 4-Bromofluorobenzene			*99.2*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*110*	*70.0-130*	

Method Blank (MB)

(MB) R3737259-1 12/04/21 17:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*79.5*			*52.0-156*

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

(LCS) R3737259-2 12/04/21 17:51 • (LCSD) R3737259-3 12/04/21 18:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1580	1610	105	107	50.0-150			1.88	20
(S) o-Terphenyl				*105*	*97.0*	*52.0-156*				

Method Blank (MB)

(MB) R3737736-1 12/07/21 01:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*116*			*52.0-156*

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

(LCS) R3737736-2 12/07/21 02:06 • (LCSD) R3737736-3 12/07/21 02:32

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	2140	1700	143	113	50.0-150		J3	22.9	20
(S) o-Terphenyl				*180*	*140*	*52.0-156*	J1			

Method Blank (MB)

(MB) R3737260-1 12/04/21 18:43

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*58.5*			*52.0-156*

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

(LCS) R3737260-2 12/04/21 19:09 • (LCSD) R3737260-3 12/04/21 19:35

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Diesel Range Organics (DRO)	1500	1120	1270	74.7	84.7	50.0-150			12.6	20
(S) o-Terphenyl				*69.0*	*74.5*	*52.0-156*				

Method Blank (MB)

(MB) R3738713-1 12/04/21 17:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*79.5*			*52.0-156*

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

(LCS) R3738713-2 12/04/21 17:51 • (LCSD) R3738713-3 12/04/21 18:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1580	1610	105	107	50.0-150			1.88	20
(S) o-Terphenyl				*105*	*97.0*	*52.0-156*				

Method Blank (MB)

(MB) R3738714-1 12/07/21 01:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*116*			*52.0-156*

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

(LCS) R3738714-2 12/07/21 02:06 • (LCSD) R3738714-3 12/07/21 02:32

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	2140	1700	143	113	50.0-150		J3	22.9	20
(S) o-Terphenyl				*180*	*140*	*52.0-156*	J1			

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
Arcadis - Chevron - WA

1100 Olive Way
Suite 800
Seattle. WA 98101

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

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;Komal.Dixit@arcadi

Project Description:
211556

City/State Collected: Toledo, WA

Please Circle: PT MT CT ET

Phone: **206-325-5254**

Client Project #
30064316

Lab Project #
CHEVARCWA-211556

Collected by (print):
Andrew Huser

Site/Facility ID #
101 MULFORD ROAD,

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 8260D 40mlAmb-HCl	FF Diss Pb 6010 250mlHDPE HNO3	NWTPHDX no silica 40mlAmb-HCl-BT	NWTPHDX w/ silica 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl						
MW-109-211129	Grab	GW	—	11/29/21	1205	10	X	X	X	X	X						-01
MW-112-211129	Grab	GW	—	11/29/21	1328	8	X	X	X		X						-02
MW-113-211129	Grab	GW	—	11/29/21	1356	8	X	X	X		X						-03
MW-114-211129	Grab	GW	—	11/29/21	1245	~~10~~ 8	X	X	X	X	X						-04
B-1-211129	Grab	GW	—	11/29/21	1430	~~8~~ 8	X	X	X		X						-05
B-2-211129	Grab	GW	—	11/29/21	1602	~~10~~ 8	X	X	X		X						-06
B-3-211129	Grab	GW	—	11/29/21	1529	10	X	X	X	X	X						-07
B-4-211129	Grab	GW	—	11/29/21	1459	10	X	X	X	X	X						-08
BD-W-211556-211129	Grab	GW	—	11/29/21	1200	10	X	X	X	X	X						-09
TB-211556-211129	Grab	GW	—	11/29/21	1000	3	X				X					ON HOLD	-10

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

Remarks:
TB-211556-211129 ON HOLD

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 530042994744

Relinquished by : (Signature) — Date: — Time: — Received by: (Signature): Shipped via FedEx

Relinquished by : (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR
3

Temp: °C Bottles Received:
2.1+0=2.1 77

Date: 12/2/21 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist

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

Chain of Custody Page 1 of 1

Pace Analytical®

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1437066

Table D098

Acctnum: **CHEVARCWA**
Template: **T198794**
Prelogin: **P885548**
PM: **110 - Brian Ford**
PB:
Shipped Via:

12/2-NCF-L1437066 CHEVARCWA TD

R5

Time estimate: oh **Time spent:** oh

Members

Troy Dunlap (responsible) Brian Ford

- [ ] Parameter(s) past holding time
- [ ] Temperature not in range
- [ ] Improper container type
- [ ] pH not in range
- [ ] Insufficient sample volume
- [ ] Sample is biphasic
- [ ] Vials received with headspace
- [x] Broken container
- [ ] Sufficient sample remains
- [ ] If broken container: Insufficient packing material around container
- [ ] If broken container: Insufficient packing material inside cooler
- [ ] If broken container: Improper handling by carrier:_____
- [ ] If broken container: Sample was frozen
- [ ] If broken container: Container lid not intact
- [ ] Client informed by Call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [ ] Date/Time:_____
- [x] PM initials:____bjf_____
- [ ] Client Contact:_____

Comments

Troy Dunlap *2 December 2021 1:41 PM*

For B-1-211129, 5 of 7 40ml vials were broken in lab accident. Went ahead and only logged V8260BTEXC and NWTPHGX.

Brian Ford *2 December 2021 2:29 PM*

please do not move or delete. i will respond to this ncf early next week.

Brian Ford *3 December 2021 12:14 PM*

i have removed all analyses for B-1-211129.

Troy Dunlap *6 December 2021 3:32 PM*

Done.