

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

ENVIRONMENT

Subject:
Semi-Annual Status Report, First Half 2020

Dear Mr. Teel,

On behalf of Chevron Environmental Management Company's (CEMC) affiliate, Arcadis has prepared the attached *Semi-Annual Status Report, First Half 2020* for the following facility:

Date:
June 22, 2020

Contact:
Ada Hamilton

<u>Former Texaco Service Station No.</u>	<u>Case No.</u>	<u>Location</u>
211556	2050090	101 Mulford Road, Toledo, Washington

Phone:
206-413-6430

Email:
Ada.Hamilton@arcadis.com

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

Our ref:
30046043

Sincerely,

Arcadis U.S., Inc.



Ada Hamilton
Project Manager

Copies:
Mr. Tim Bishop – CEMC
Mr. Charles Vineyard – Property owner

SEMI-ANNUAL STATUS REPORT

**First Half 2020
June 22, 2020**

Facility No:	<u>Former Texaco Service Station No. 211556</u>	Address:	<u>101 Mulford Road, Toledo, Washington</u>
Arcadis Contact Person / Phone No.:	<u>Ada Hamilton / (503) 765-9525</u>		
Arcadis Project No.:	<u>30046043</u>		
Primary Agency / Regulatory ID No.:	<u>Washington State Department of Ecology (Ecology) Southwest Regional Office, Toxics Cleanup Program / Steve Teel / Agreed Order No. DE5236</u>		

WORK CONDUCTED THIS PERIOD [First Half 2020]:

1. Conducted semi-annual groundwater monitoring and sampling activities on May 5 and 6, 2020.
2. Prepared the *Semi-Annual Status Report, First Half 2020*.

WORK PROPOSED NEXT PERIOD [Second Half 2020]:

1. Conduct semi-annual groundwater monitoring activities.
2. Prepare the *Semi-Annual Status Report, Second Half 2020*.

Current Phase of Project:	<u>Monitoring</u>	
Frequency of Monitoring / Sampling:	<u>Semi-Annual (Q2/Q4)</u>	
Are Light Non-Aqueous Phase Liquid (LNAPL) Present On-site:	<u>None</u>	
Cumulative LNAPL Recovered to Date:	<u>None</u>	(gallons)
Depth to Groundwater:	<u>6.77 to 9.15</u>	(feet below top of casing)
Groundwater Elevation:	<u>99.52 to 100.32</u>	(feet above NAVD88)
Groundwater Flow Direction	<u>Southeast</u>	
Groundwater Gradient	<u>0.004</u>	(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

Gettler-Ryan, Inc. (G-R) conducted semi-annual groundwater monitoring activities on May 5, 2020. Ten (10) monitoring wells (well network) were gauged and nine (9) monitoring wells were purged and sampled by G-R representatives. Well MW-110 was removed from the sampling program in 2016. The groundwater monitoring field data sheets and general field procedures are included as Attachment A.

Groundwater samples were submitted to Pace Analytical Laboratory under standard chain-of-custody protocol and analyzed for the following chemicals of potential concern (COPCs):

- Northwest Total Petroleum Hydrocarbons - Gasoline Range Organics (TPH-GRO; NWTPH-Gx),
- Northwest Total Petroleum Hydrocarbons - Diesel Range Organics (TPH-DRO; NWTPH-Dx)
- Heavy Oil Range Organics (TPH-HRO; NWTPH-Dx) 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 Methods 6020.

Groundwater gauging and analytical data obtained during the first semi-annual gauging and sampling event are summarized in Table 1. Historical groundwater gauging and analytical data are summarized in Table 2. The site location and site plan are presented on Figures 1 and 2, respectively.

Purge water generated during this sampling event was treated at the site by G-R using an activated carbon filtration system. A sample of the treated water (TPWHD-1) was collected and submitted for analyses as described above. The analytical results did not exceed the laboratory reported detection limit. Following treatment, the purge water was containerized in 55-gallon drums, which are stored in an onsite secondary containment overpack awaiting laboratory results and Ecology authorization for disposal by surface discharge.

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 calculated gradient of 0.004 feet per foot (feet/foot) is generally consistent with previous monitoring events depicted on the rose diagram within Figure 5. The groundwater elevation contour map is presented on Figure 3.

TPH-DRO was detected in well MW-111 (1,530 micrograms per liter [$\mu\text{g/L}$]) at a concentration that exceeded the Model Toxics Control Act (MTCA) Method A Cleanup Level (CUL) of 500 $\mu\text{g/L}$. TPH-DRO using the silica gel cleanup method was 739 $\mu\text{g/L}$ in well MW-111 indicating some of the reported TPH-DRO was due to polar non-hydrocarbons. TPH-HRO was detected in well MW-111 (1,670 $\mu\text{g/L}$) at a concentration that exceeded the MTCA Method A CUL of 500 $\mu\text{g/L}$. TPH-HRO using the silica gel cleanup method was 1,050 $\mu\text{g/L}$ in well MW-111, also indicating some of the reported TPH-HRO was due to polar non-hydrocarbons. TPH-GRO was detected in well B-4 (1,800 $\mu\text{g/L}$) at a concentration that exceeded the MTCA Method A CUL of 1,000 $\mu\text{g/L}$.

With the exception of wells MW-111 and B-4, COPC concentrations in the well network were either not detected or detected at concentrations less than the MTCA Method A 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.

RECOMMENDATIONS

Based on historical COPC concentration trends below the MTCA Method A CULs, Arcadis recommends to modify the groundwater sampling and monitoring program by discontinuing sampling of wells MW-112, MW-113, B-1, and B-2 during semi-annual sampling events. Groundwater monitoring for depth to water measurements will remain for all wells within the well network.

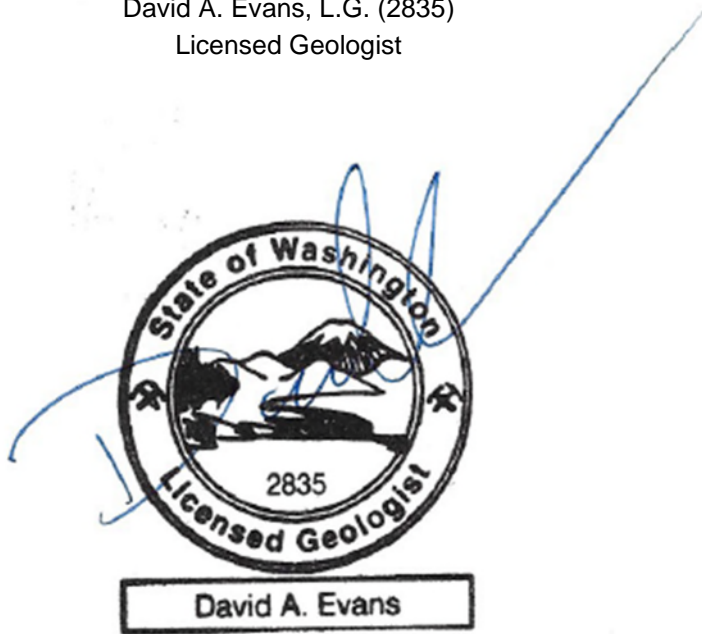
LIMITATIONS

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.

David A. Evans

Date: June 22, 2020

David A. Evans, L.G. (2835)
Licensed Geologist



Ada Hamilton

Date: June 22, 2020

Ada Hamilton
Project Manager

ATTACHMENTS:

Table 1 Groundwater Gauging Data and Select Analytical Results, May 5 and 6, 2020
Table 2 Historic Groundwater Gauging Data and Select Analytical Results

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Groundwater Elevation Contours, May 5, 2020
Figure 4 Groundwater Analytical, May 6, 2020

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

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
				MTCA Method A CULs		800/1,000	500	500	500	500	5	1,000	700	1,000	20	15
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-110	05/05/2020	108.89	9.15	0.00	99.74				WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY							
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-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
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-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
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-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-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-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
QA	05/06/2020	--	--	--	--	38.7 B J	--	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--

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

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

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.

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 6020

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
				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	10/30/2002	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	01/23/2003	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	04/18/2003	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	07/11/2003	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	10/31/2003	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	05/03/2004	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	09/05/2007	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	5/27-28/2008	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	8/27-29/2008	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	11/17-19/2008	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	2/16-18/2009	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	5/4-6/2009	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	8/19-21/2009	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	11/18-20/2009	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	2/8-10/2010	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	5/12-13/2010	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-103	08/12/2010	107.81	8.90	0.00	98.91	<50	--	30	--	120	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP
MW-103	11/3-4/2010	107.81	7.69	0.00	100.12	<50	--	<29	--	91	<0.5	<0.5	<0.5	<0.5	<0.5	0.17	LFP
MW-103	2/3-4/2011	107.81	7.99	0.00	99.82	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-103	05/24/2011	107.81	8.25	0.00	99.56	<50	--	30	--	340	<0.5	<0.5	<0.5	<0.5	<0.5	0.13	LFP
MW-103	8/23-24/2011	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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

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-103	8/1-3/2012	107.81	8.95	0.00	98.86	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.088	LFP	
MW-103	11/26-28/2012	107.81	7.36	0.00	100.45	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP	
MW-103	2/4-6/2013	107.81	7.85	0.00	99.96	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.087	LFP	
MW-103	5/6-8/2013	107.81	8.60	0.00	99.21	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.13	LFP	
MW-103	9/9-13/2013	107.81	8.55	0.00	99.26	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP	
MW-103	11/18-21/2013	107.81	7.62	0.00	100.19	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.21	LFP	
MW-103	2/4-11/2014	107.81	8.36	0.00	99.45	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.11	LFP	
MW-103	6/12-14/2014	107.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-103	8/18-21/2014	107.81	6.81	0.00	101.00	62	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.18	LFP	
MW-103	11/19-20/2014	107.81	8.41	0.00	99.40	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP	
MW-103	2/17-20/2015	107.81	7.83	0.00	99.98	<50	<29	<29	<69	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP	
MW-103	5/11-15/2015	107.81	8.77	0.00	99.04	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP	
MW-103	8/10-11/2015	107.81	9.35	0.00	98.46	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP	
MW-103	11/16-18/2015	107.81	6.67	0.00	101.14	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.00	LFP	
MW-103	5/13-14/2016	107.81	8.60	0.00	99.21				WELL REMOVED FROM SAMPLING PROGRAM - 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	--	--	--	--	--	--	--	--	--	--	<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	01/23/2003	107.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-109	04/18/2003	107.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-109	07/11/2003	107.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	05/03/2004	107.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-109	07/20/2004	107.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	

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-109	2/16-18/2009	107.35	7.59	0.00	99.76	<50	--	53	--	130	<0.5	<0.5	<0.5	<0.5	<0.5	0.093	LFP
MW-109	5/4-6/2009	107.35	7.09	0.00	100.26	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-109	8/19-21/2009	107.35	8.35	0.00	99.00	<50	--	49	--	290	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
MW-109	11/18-20/2009	107.35	5.74	0.00	101.61	<50	--	98	--	340	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
MW-109	2/8-10/2010	107.35	7.04	0.00	100.31	<50	--	31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-109	5/12-13/2010	107.35	7.41	0.00	99.94	<50	--	60	--	270	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
MW-109	08/11/2010	107.35	8.90	0.00	98.45	<50	--	34	--	300	<0.5	<0.5	<0.5	<0.5	<0.5	0.1	LFP
MW-109	11/3-4/2010	107.35	6.37	0.00	100.98	<50	--	65	--	430	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-109	2/3-4/2011	107.35	7.12	0.00	100.23	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-109	05/23/2011	107.35	7.26	0.00	100.09	<50	--	47	--	520	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
MW-109	8/23-24/11	107.35	8.35	0.00	99.00	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	LFP
MW-109	11/7-9/2011	107.35	8.00	0.00	99.35	84	--	<300	--	890	<0.5	<0.5	0.6	<0.5	<0.5	0.19	LFP
MW-109	2/6-8/2012	107.35	6.85	0.00	100.50	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-109	5/2-4/2012	107.35	6.90	0.00	100.45	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-109	8/1-3/2012	107.35	8.13	0.00	99.22	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034	LFP
MW-109	11/26-28/2012	107.35	6.42	0.00	100.93	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
MW-109	2/4-6/2013	107.35	6.95	0.00	100.40	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-109	5/6-8/2013	107.35	7.35	0.00	100.00	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-109	9/9-13/2013	107.35	7.34	0.00	100.01	<50	<31	<31	<72	<72	<0.5	<0.5	<0.5	<0.5	<0.5	0.62	LFP
MW-109	11/18-22/2013	107.35	8.12	0.00	99.23	<50	68	<29	170	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-109	2/4-11/2014	107.35	7.33	0.00	100.02	<50	<30	<30	<70	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.20	LFP
MW-109	6/12-14/2014	107.35	7.31	0.00	100.04	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	--	Insufficient water to collect lead sample
MW-109	8/18-21/14	107.35	9.93	0.00	97.42	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water
MW-109	11/19-20/2014	107.35	7.38	0.00	99.97	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
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-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	--

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-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	--	--	--	--	--	--	
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-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	

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-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			
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		

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-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
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-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
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

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	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	6/12-14/2014	107.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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-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	--
MW-113-DUP	09/05/2007	108.44	9.59	0.00	98.85	<50	--	<82	--	<100	--	--	--	--	--	0.32	--
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

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-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	<0.5	--	<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	LFP	
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	--	
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	01/23/2003	106.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-114	04/18/2003	106.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-114	07/11/2003	106.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	05/03/2004	106.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

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-114	07/20/2004	106.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-114	10/06/2004	106.89	6.98	0.00	99.91	<50	--	<76	--	<95	--	--	--	--	--	--	--
MW-114	10/24/2005	106.89	7.28	0.00	99.61	<48	--	<79	--	<99	--	--	--	--	--	--	--
MW-114	09/05/2007	106.89	7.87	0.00	99.02	<50	--	94	--	810	--	--	--	--	--	0.38	--
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	11/11-12/2018	106.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	LFP
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	LFP
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	LFP
MW-115	08/22/1995	107.94	8.79	0.00	99.15	1,800	--	<250	--	<750	--	--	--	--	--	--	--
MW-115	11/28/1995	107.94	7.05	0.00	100.89	460	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-115	03/12/1996	107.94	7.76	0.00	100.18	630	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-115	06/26/1996	107.94	8.45	0.00	99.49	706	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-115	10/09/1996	107.94	8.71	0.00	99.23	722	--	<250	--	<750	--	--	--	--	--	2.54	--
MW-115	02/12/1997	107.94	7.48	0.00	100.46	58	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-115	04/22/1997	107.94	7.25	0.00	100.69	<50	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-115	08/05/1997	107.94	8.77	0.00	99.17	611	--	<250	--	<750	--	--	--	--	--	2.0	--
MW-115	11/11/1997	107.94	7.71	0.00	100.23	57	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-115	02/11/1998	107.94	7.72	0.00	100.22	89.5	--	<250	--	<750	--	--	--	--	--	<2.0	--
MW-115	05/28/1998	107.94	7.92	0.00	100.02	<50	--	<250	--	<750	--	--	--	--	--	8.08	--
MW-115	08/20/1998	107.94	9.18	0.00	98.76	155	--	<250	--	<750	--	--	--	--	--	<1.0	--
MW-115	11/19/1998	107.94	8.58	0.00	99.36	<50	--	<250	--	<750	--	--	--	--	--	<1.0	--
MW-115	03/11/1999	107.94	7.12	0.00	100.82	<80	--	<250	--	<750	--	--	--	--	--	<1.0	--
MW-115	05/25/1999	107.94	8.33	0.00	99.61	<80	--	<250	--	--	--	--	--	--	--	--	--
MW-115	08/17/1999	107.94	8.87	0.00	99.07	163	--	<250	--	<500	--	--	--	--	--	1.4	--
MW-115	11/19/1999	107.94	6.82	0.00	101.12	<80	--	<250	--	--	--	--	--	--	--	<1.0	--
MW-115	03/09/2000	107.94	7.20	0.00	100.74	103	--	<250	--	<500	--	--	--	--	--	<1.0	--
MW-115	06/13/2000	107.94	7.82	0.00	100.12	<80	--	--	--	--	--	--	--	--	--	<1.0	--

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	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	01/23/2003	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-115	04/18/2003	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-115	07/11/2003	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	05/03/2004	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-115	07/20/2004	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-115	10/06/2004	107.94	8.43	0.00	99.51	<50	--	<160	--	<200	--	--	--	--	--	--	
MW-115	10/21/2005	107.94	8.67	0.00	99.27	<48	--	<81	--	<100	--	--	--	--	--	--	
MW-115-DUP	10/21/2005	107.94	8.67	0.00	99.27	<48	--	<82	--	<100	--	--	--	--	--	--	
MW-115	09/05/2007	107.94	9.11	0.00	98.83	<50	--	<76	--	<95	--	--	--	--	--	0.37	
MW-115	5/27-28/2008	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	6/12-14/2014	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-115	8/18-21/14	107.94	8.88	0.00	99.06	66	36	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.82	LFP
MW-115	11/19-20/2014	107.94	8.07	0.00	99.87	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.28	LFP
MW-115	2/17-20/2015	107.94	7.57	0.00	100.37	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
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	LFP
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	LFP
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	LFP
MW-115	5/13-14/2016	107.94	8.48	0.00	99.46	--	--	--	--	--	--	--	--	--	--	--	
MW-115	11/14/2016	107.94	7.35	0.00	100.59	--	--	--	--	--	--	--	--	--	--	--	
MW-115	05/14/2017	107.94	7.44	0.00	100.50	--	--	--	--	--	--	--	--	--	--	--	
MW-115	11/11-12/2017	107.94	7.37	0.00	100.57	--	--	--	--	--	--	--	--	--	--	--	
MW-115	05/11/2018	107.94	8.20	0.00	99.74	--	--	--	--	--	--	--	--	--	--	--	
MW-115	11/11-12/2018	107.94	8.31	0.00	99.63	--	--	--	--	--	--	--	--	--	--	--	
MW-115	04/27/2019	107.94	7.49	0.00	100.45	--	--	--	--	--	--	--	--	--	--	--	
MW-115	11/03/2019	107.94	8.20	0.00	99.74	--	--	--	--	--	--	--	--	--	--	--	
MW-115	Nov 2019	107.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	

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-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	10/30/2002	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-116	01/23/2003	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-116	04/18/2003	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-116	07/11/2003	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-116	10/31/2003	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	05/03/2004	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-116	07/20/2004	107.56	8.92	0.00	98.64	<50	--	<284	--	<568	<0.500	<0.500	<0.500	<1.00	--	--	
MW-116	10/07/2004	107.56	7.54	0.00	100.02	<50	--	<75	--	<94	--	--	--	--	--	--	
MW-116	10/20/2005	107.56	8.73	0.00	98.83	<48	--	<81	--	<100	--	--	--	--	--	--	
MW-116	09/06/2007	107.56	9.00	0.00	98.56	<50	--	<76	--	<95	--	--	--	--	--	0.15	
MW-116	5/27-28/2008	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	LFP
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	6/12-14/2014	107.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	LFP
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	LFP
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	LFP
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	LFP
MW-116	5/13-14/2016	107.56	8.59	0.00	98.97	--	--	--	--	--	--	--	--	--	--	--	
MW-116	11/14/2016	107.56	8.06	0.00	99.50	--	--	--	--	--	--	--	--	--	--	--	
MW-116	05/14/2017	107.56	8.07	0.00	99.49	--	--	--	--	--	--	--	--	--	--	--	
MW-116	11/11-12/2017	107.56	8.14	0.00	99.42	--	--	--	--	--	--	--	--	--	--	--	
MW-116	05/11/2018	107.56	8.43	0.00	99.13	--	--	--	--	--	--	--	--	--	--	--	
MW-116	11/11-12/2018	107.56	9.04	0.00	98.52	--	--	--	--	--	--	--	--	--	--	--	
MW-116	04/27/2019	107.56	8.30	0.00	99.26	--	--	--	--	--	--	--	--	--	--	--	
MW-116	11/03/2019	107.56	8.48	0.00	99.08	--	--	--	--	--	--	--	--	--	--	--	

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-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	10/30/2002	106.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-117	01/23/2003	106.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-117	04/18/2003	106.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-117	07/11/2003	106.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-117	10/31/2003	106.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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
MW-117	05/03/2004	106.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-117	07/20/2004	106.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-117	10/06/2004	106.57	7.07	0.00	99.50	<50	--	<79	--	<98	--	--	--	--	--	--	--
MW-117	10/21/2005	106.57	7.33	0.00	99.24	<48	--	<81	--	<100	--	--	--	--	--	--	--
MW-117	09/05/2007	106.57	7.92	0.00	98.65	<50	--	<82	--	<100	--	--	--	--	--	--	0.22
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
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	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-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	LFP
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	LFP
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	LFP
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	10/30/2002	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-118	01/23/2003	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-118	04/18/2003	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-118	07/11/2003	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-118	10/31/2003	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	05/03/2004	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-118	07/20/2004	106.72	8.14	0.00	98.58	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--
MW-118	10/07/2004	106.72	7.55	0.00	99.17	<50	--	<76	--	<96	--	--	--	--	--	--	--
MW-118-DUP	10/07/2004	106.72	7.55	0.00	99.17	<50	--	<80	--	160	--	--	--	--	--	--	--
MW-118	10/20/2005	106.72	7.78	0.00	98.94	<48	--	<83	--	<100	--	--	--	--	--	--	--
MW-118	09/05/2007	106.72	8.20	0.00	98.52	<50	--	980	--	710	--	--	--	--	--	0.13	--
MW-118	5/27-28/2008	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	05/24/2011	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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

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-118	5/2-4/2012	106.72	5.85	0.00	100.87	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-118	8/1-3/2012	106.72	7.87	0.00	98.85	<50	--	97	--	230	<0.5	<0.5	<0.5	<0.5	<0.5	0.042	LFP
MW-118	11/26-28/2012	106.72	5.84	0.00	100.88	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
MW-118	2/4-6/2013	106.72	6.57	0.00	100.15	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-118	5/6-8/2013	106.72	7.47	0.00	99.25	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-118	9/9-13/2013	106.72	7.28	0.00	99.44	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-118	11/18-21/2013	106.72	6.57	0.00	100.15	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
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	6/12-14/2014	106.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	LFP
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	LFP
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	LFP
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	LFP
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	01/23/2003	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-119	04/18/2003	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-119	07/11/2003	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-119	10/31/2003	108.35	8.62	0.00	99.73	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	1.315	
MW-119	12/30/2003	108.35	7.40	0.00	100.95	<96	--	<50	--	<77	<0.5	<0.5	<0.5	<1.5	--	<1.2	
MW-119	05/03/2004	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-119	07/20/2004	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-119	10/07/2004	108.35	8.85	0.00	99.50	<50	--	<79	--	<98	--	--	--	--	--	--	
MW-119	10/20/2005	108.35	9.08	0.00	99.27	<48	--	<80	--	<100	--	--	--	--	--	--	
MW-119	09/05/2007	108.35	9.53	0.00	98.82	<50	--	<800	--	<1,000	--	--	--	--	--	0.57	
MW-119	5/27-28/2008	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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

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-119	8/19-21/2009	108.35	9.45	0.00	98.90	<50	--	36	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.25	LFP
MW-119	11/18-20/2009	108.35	6.41	0.00	101.94	150	--	32	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	1	LFP
MW-119	2/8-10/2010	108.35	8.11	0.00	100.24	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.33	LFP
MW-119	5/12-13/2010	108.35	8.56	0.00	99.79	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	0.69	LFP
MW-119	08/12/2010	108.35	9.22	0.00	99.13	<50	--	<30	--	70	<0.5	<0.5	<0.5	<0.5	<0.5	0.36	LFP
MW-119	11/3-4/2010	108.35	7.52	0.00	100.83	<50	--	38	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	LFP
MW-119	2/3-4/2011	108.35	8.22	0.00	100.13	<50	--	30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.30	LFP
MW-119	05/24/2011	108.35	8.37	0.00	99.98	<50	--	<30	--	210	<0.5	<0.5	<0.5	<0.5	<0.5	0.49	LFP
MW-119	8/23-24/11	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	6/12-14/2014	108.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-119	8/18-21/14	108.35	9.23	0.00	99.12	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.17	LFP
MW-119	11/19-20/2014	108.35	8.50	0.00	99.85	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.14	LFP
MW-119	2/17-20/2015	108.35	7.97	0.00	100.38	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.18	LFP
MW-119	5/11-15/2015	108.35	8.96	0.00	99.39	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	LFP
MW-119	8/10-11/2015	108.35	9.70	0.00	98.65	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP
MW-119	11/16-18/2015	108.35	6.43	0.00	101.92	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.0041	LFP
MW-119	5/13-14/2016	108.35	8.39	0.00	99.96												
MW-119	11/14/2016	108.35	7.70	0.00	100.65												
MW-119	05/14/2017	108.35	7.85	0.00	100.50												
MW-119	11/11-12/2017	108.35	7.92	0.00	100.43												
MW-119	05/11/2018	108.35	8.60	0.00	99.75												
MW-119	11/11-12/2018	108.35	8.62	0.00	99.73												
MW-119	11/7-9/2011	108.35	8.00	0.00	99.11	740	--	220	--	160	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	LFP
MW-119	2/6-8/2012	108.35	6.80	0.00	101.55	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-119	5/2-4/2012	108.35	6.20	0.00	102.15	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
MW-119	8/1-3/2012	108.35	8.11	0.00	99.00	<50	--	59	--	75	<0.5	<0.5	<0.5	<0.5	<0.5	0.29	LFP
MW-119	11/26-28/2012	108.35	6.21	0.00	102.14	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
MW-119	2/4-6/2013	108.35	6.84	0.00	101.51	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-119	5/6-8/2013	108.35	7.64	0.00	100.71	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
MW-119	9/9-13/2013	108.35	7.36	0.00	99.75	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	LFP
MW-119	11/18-21/2013	108.35	6.61	0.00	100.50	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.088	LFP
MW-119	2/4-11/2014	108.35	7.32	0.00	101.03	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
MW-119	6/12-14/2014	108.35	7.70	0.00	100.65	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-119	8/18-21/14	108.35	8.13	0.00	98.98	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.32	LFP
MW-119	11/19-20/2014	108.35	7.37	0.00	100.98	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
MW-119	04/27/2019	108.35	8.39	0.00	99.96												
MW-119	11/03/2019	108.35	8.34	0.00	100.01												
MW-119	Nov 2019	108.35	--	--	--												
MW-120	2/17-20/2015	107.11	6.83	0.00	100.28	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-120	5/11-15/2015	107.11	7.71	0.00	99.40	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
MW-120	8/10-11/2015	107.11	8.53	0.00	98.58	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP
MW-120	11/16-18/2015	107.11	4.94	0.00	102.17	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.0019	LFP
MW-120	5/13-14/2016	107.11	7.81	0.00	99.30												
MW-120	11/14/2016	107.11	6.47	0.00	100.64												
MW-120	05/14/2017	107.11	6.67	0.00	100.44												
MW-120	11/11-12/2017	107.11	6.69	0.00	100.42												
MW-120	05/11/2018	107.11	7.49	0.00	99.62												
MW-120	11/11-12/2018	107.11	7.46	0.00	99.65												
MW-120	04/27/2019	107.11	--	--	--												
MW-120	11/03/2019	107.11	7.50	0.00	99.61												
MW-120	Nov 2019	107.11	--	--	--												
B-1	02/14/1991	107.74	--	--	--	5,100	--	<250	--	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Gauging Data and Select Analytical Results
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 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
B-1	02/14/1992	107.74	6.90	0.00	100.84	--	--	--	--	--	--	--	--	--	--	--	--
B-1	02/18/1992	107.74	6.72	0.00	101.02	--	--	--	--	--	--	--	--	--	--	--	--
B-1	03/13/1992	107.74	6.93	0.00	100.81	<50	--	--	--	--	--	--	--	--	--	--	--
B-1	04/21/1992	107.74	6.66	0.00	101.08	--	--	--	--	--	--	--	--	--	--	--	--
B-1	08/22/1995	107.74	8.03	0.00	99.71	<50	--	<250	--	<750	--	--	--	--	--	--	--
B-1	11/28/1995	107.74	6.13	0.00	101.61	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-1	03/11/1996	107.74	6.99	0.00	100.75	<50	--	<250	--	<750	--	--	--	--	--	--	7.5
B-1	06/26/1996	107.74	7.73	0.00	100.01	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-1	10/09/1996	107.74	8.05	0.00	99.69	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-1	02/12/1997	107.74	6.46	0.00	101.28	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-1	04/22/1997	107.74	6.25	0.00	101.49	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-1	08/05/1997	107.74	8.20	0.00	99.54	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-1	11/11/1997	107.74	6.84	0.00	100.90	<50	--	300	--	<750	--	--	--	--	--	--	<2
B-1	02/11/1998	107.74	6.70	0.00	101.04	<50	--	<250	--	<750	--	--	--	--	--	--	<2
B-1	05/28/1998	107.74	6.85	0.00	100.89	<50	--	<250	--	<750	--	--	--	--	--	--	<1
B-1	08/20/1998	107.74	9.42	0.00	98.32	<50	--	<250	--	<750	--	--	--	--	--	--	<1
B-1	11/19/1998	107.74	7.43	0.00	100.31	<50	--	<250	--	<750	--	--	--	--	--	--	<1
B-1	03/11/1999	107.74	6.34	0.00	101.40	<80	--	<250	--	<750	--	--	--	--	--	--	<1
B-1	05/25/1999	107.74	7.60	0.00	100.14	<80	--	<1,450	--	--	--	--	--	--	--	--	--
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	10/30/2002	107.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1	01/23/2003	107.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1	04/18/2003	107.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1	07/11/2003	107.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1	10/31/2003	107.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--
B-1	05/03/2004	107.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1	07/20/2004	107.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1	10/06/2004	107.74	8.87	0.00	98.87	<50	--	81	--	100	--	--	--	--	--	--	--
B-1	10/24/2005	107.74	7.96	0.00	99.78	<48	--	<81	--	<100	--	--	--	--	--	--	--
B-1	09/05/2007	107.74	8.60	0.00	99.14	<50	--	<80	--	<100	--	--	--	--	--	--	0.13
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	<0.50	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

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
B-1	11/19-20/2014	107.74	7.43	0.00	100.31	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-1	2/17-20/2015	107.74	6.79	0.00	100.95	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-1	5/11-15/2015	107.74	8.77	0.00	98.97	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-1	8/10-11/2015	107.74	8.80	0.00	98.94	<50	89	<28	74	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13	LFP
B-1	11/16-18/2015	107.74	4.69	0.00	103.05	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	0.00063	LFP
B-1	5/13-14/2016	107.74	7.80	0.00	99.94	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.13	LFP
B-1	11/14/2016	107.74	6.15	0.00	101.59	<50	--	51	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
B-1	05/14/2017	107.74	6.51	0.00	101.23	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.090	LFP
B-1	11/11-12/2017	107.74	7.42	0.00	100.32	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	<0.11	LFP
B-1	05/11/2018	107.74	7.31	0.00	100.43	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11	LFP
B-1	11/11-12/2018	107.74	7.48	0.00	100.26	<19	--	30	--	<67	<0.2	<0.2	<0.4	<1	--	<1.1	LFP
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	LFP
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	LFP
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	LFP
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	10/30/2002	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	01/23/2003	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	04/18/2003	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	07/11/2003	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	10/31/2003	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	05/03/2004	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	07/20/2004	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2	10/06/2004	108.99	7.65	0.00	101.34	<50	--	<79	--	<99	--	--	--	--	--	--	--
B-2	07/18/2005	108.99	9.20	0.00	99.79	<48	--	<77	--	<96	--	--	--	--	--	--	--
B-2	10/21/2005	108.99	9.17	0.00	99.82	<48	--	<82	--	<100	--	--	--	--	--	--	--
B-2	09/05/2007	108.99	9.83	0.00	99.16	<50	--	<81	--	<100	--	--	--	--	--	0.1	--
B-2	5/27-28/2008	108.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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

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
B-2	5/12-13/2010	108.99	8.55	0.00	100.44	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	LFP
B-2	08/11/2010	108.99	9.38	0.00	99.61	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	11/3-4/2010	108.99	7.20	0.00	101.79	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	2/3-4/2011	108.99	8.25	0.00	100.74	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	05/24/2011	108.99	8.33	0.00	100.66	<50	--	<30	--	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	LFP
B-2	8/23-24/11	108.99	9.70	0.00	99.29	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.26	LFP
B-2	11/7-9/2011	108.99	9.30	0.00	99.69	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
B-2	2/6-8/2012	108.99	7.95	0.00	101.04	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.10	LFP
B-2	5/2-4/2012	108.99	7.40	0.00	101.59	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080	LFP
B-2	8/1-3/2012	108.99	8.20	0.00	100.79	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034	LFP
B-2	11/26-28/2012	108.99	7.47	0.00	101.52	<50	--	<37	--	<86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047	LFP
B-2	2/4-6/2013	108.99	8.04	0.00	100.95	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
B-2	5/6-8/2013	108.99	8.89	0.00	100.10	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073	LFP
B-2	9/9-13/2013	108.99	8.41	0.00	100.58	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	11/18-22/2013	108.99	7.77	0.00	101.22	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	2/4-11/2014	108.99	8.47	0.00	100.52	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	6/12-14/2014	108.99	8.91	0.00	100.08	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085	LFP
B-2	8/18-21/14	108.99	9.53	0.00	99.46	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	11/19-20/2014	108.99	8.54	0.00	100.45	<50	<29	<29	<68	<68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	2/17-20/2015	108.99	7.93	0.00	101.06	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	5/11-15/2015	108.99	8.91	0.00	100.08	<50	<28	<28	<66	<66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082	LFP
B-2	8/10-11/2015	108.99	10.01	0.00	98.98	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	1.20	LFP
B-2	11/16-18/2015	108.99	5.75	0.00	103.24	<50	<29	<29	<67	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.00060	LFP
B-2	5/13-14/2016	108.99	9.02	0.00	99.97	<50	--	37	--	<67	<0.5	<0.5	<0.5	<0.5	--	<0.13	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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-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	10/30/2002	108.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

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
B-3	01/23/2003	108.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3	04/18/2003	108.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3	07/11/2003	108.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3	10/31/2003	108.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	05/03/2004	108.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
B-3	04/12/2005	108.46	7.21	0.00	101.25	5,300	--	1,200	--	<100	--	--	--	--	--	--	--
B-3	07/18/2005	108.46	8.83	0.00	99.63	6,400	--	1,200	--	<97	--	--	--	--	--	--	--
B-3	10/21/2005	108.46	8.85	0.00	99.61	8,900	--	2,400	--	<510	--	--	--	--	--	--	--
B-3	09/04/2007	108.46	9.41	0.00	99.05	10,000	--	1,500	--	<200	--	--	--	--	--	--	--
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	LFP
B-3	05/11/2018	108.46	8.14	0.00	100.32	900	82	33	68	<67	<0.5	<0.5	5	<0.5	<0.5	0.76	LFP
B-3	11/11-12/2018	108.46	8.24	0.00	100.22	2,100	2,800	180	370	<66	0.9	0.3	5	<1	--	11.1	LFP
B-3	04/27/2019	108.46	8.02	0.00	100.44	<19	--	160	--	<66	<0.2	<0.2	<0.4	<1	--	3.4	LFP
B-3	11/03/2019	108.46	8.25	0.00	100.21	1,500	1,400	90 J	84 J	<67	0.2 J	0.3 J	8	<1	--	8.2	LFP
B-3	05/06/2020	108.46	8.35	0.00	100.11	92.3 B J	273	79.5 J	--	104 J	<1.00	<1.00	<1.00	<3.00	--	<5.00	--
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	--

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
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	
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	10/30/2002	107.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-4	01/23/2003	107.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-4	04/18/2003	107.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-4	07/11/2003	107.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-4	10/31/2003	107.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	05/03/2004	107.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
B-4	07/20/2004	107.68	8.23	0.00	99.45	4,660	--	<250	--	<500	15.1	1.3	42.3	10.1	--	--	
B-4	10/06/2004	107.68	7.45	0.00	100.23	2,300	--	390	--	180	--	--	--	--	--	--	
B-4	01/27/2005	107.68	6.72	0.00	100.96	2,800	--	200	--	<195	--	--	--	--	--	--	
B-4	04/12/2005	107.68	6.62	0.00	101.06	2,600	--	340	--	<100	--	--	--	--	--	--	
B-4	07/18/2005	107.68	6.62	0.00	101.06	1,600	--	560	--	<1,100	--	--	--	--	--	--	
B-4	10/21/2005	107.68	7.81	0.00	99.87	1,800	--	190	--	260	--	--	--	--	--	--	
B-4	09/04/2007	107.68	8.40	0.00	99.28	3,200	--	310	--	<100	--	--	--	--	--	1.8	
B-4-DUP	09/04/2007	107.68	8.40	0.00	99.28	3,300	--	340	--	140	--	--	--	--	--	1.7	
B-4	5/27-28/2008	107.68	7.52	0.00	100.16	1,800	--	310	--	330	3	3	25	7	<0.5	2.9	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	<66	<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

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
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	--	--	--	<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	10/30/2002	99.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-101	01/23/2003	99.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-101	04/18/2003	99.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-101	07/11/2003	99.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-101	10/31/2003	99.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	05/03/2004	99.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--
MW-101	10/06/2004	99.51	7.54	0.00	91.97	<260	--	<81	--	<100	--	--	--	--	--	--	--
MW-101	01/27/2005	99.51	6.78	0.00	92.73	2,900	--	190	--	<100	--	--	--	--	--	--	--
MW-101	04/12/2005	99.51	6.32	0.00	93.19	1,700	--	160	--	<100	--	--	--	--	--	--	--
MW-101	07/18/2005	99.51	7.78	0.00	91.73	240	--	93	--	<99	--	--	--	--	--	--	--
MW-101	10/21/2005	99.51	7.75	0.00	91.76	470	--	110	--	<100	--	--	--	--	--	--	--
MW-101	09/05/2007	99.51	8.22	0.00	91.29	200	--	110	--	140	--	--	--	--	--	1.2	--
MW-101	5/27-28/2008	99.51	7.71	0.00	91.80	410	--	<80	--	<99	<0.5	<0.5	0.5	<0.5	<0.5	1.2	LFP
MW-101	8/27-29/2008	99.51	7.75	0.00	91.76	450	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	<0.5	0.39	LFP
MW-101	11/17-19/2008	99.51	6.33	0.00	93.18	520	--	74	--	<68	<0.5	<0.5	1	<0.5	<0.5	1.1	LFP
MW-101	2/16-18/2009	99.51	7.43	0.00	92.08	590	--	68	--	<67	<0.5	<0.5	<0.5	<0.5	<0.5	0.96	LFP
MW-101	5/4-6/2009	99.51	6.93	0.00	92.58	370	--	66	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.39	LFP
MW-101	8/19-21/2009	99.51	8.16	0.00	91.35	510	--	65	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.22	LFP
MW-101	11/18-20/2009	99.51	4.97	0.00	94.54	84	--	42	--	<69	<0.5	<0.5	<0.5	<0.5	<0.5	1	LFP
MW-101	2/8-10/2010	99.51	6.82	0.00	92.69	970	--	130	--	190	<0.5	<0.5	1	<0.5	<0.5	2.1	LFP
MW-101	5/12-13/2010	99.51	7.32	0.00	92.19	470	--	64	--	<70	<0.5	<0.5	<0.5	<0.5	<0.5	0.65	LFP
MW-101	08/12/2010	99.51	7.96	0.00	91.55	370	--	52	--	<68	<0.5	<0.5	<0.5	<0.5	<0.5	0.24	LFP

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 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-101	MONITORING WELL DECOMI																
MW-102	02/14/1992	--	6.94	0.00	#VALUE!	--	--	--	--	--	--	--	--	--	--	--	--
MW-102	02/18/1992	--	6.88	0.00	#VALUE!	--	--	--	--	--	--	--	--	--	--	--	--
MW-102	03/09/1992	--	6.76	0.00	#VALUE!	--	--	--	--	--	--	--	--	--	--	--	--
MW-102	03/13/1992	--	7.02	0.00	#VALUE!	150	--	--	--	--	--	--	--	--	--	--	--
MW-102	04/21/1992	--	7.72	0.00	#VALUE!	--	--	--	--	--	--	--	--	--	--	--	--
MW-102	NOT PART OF MONITORING/SAMPLING PROGRAM																
MW-104	02/14/1992	100.45	8.86	0.00	91.59	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	02/18/1992	100.45	8.84	0.00	91.61	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	03/09/1992	100.45	8.73	0.00	91.72	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	03/13/1992	100.45	8.84	0.00	91.61	<50	--	--	--	--	--	--	--	--	--	--	--
MW-104	04/21/1992	100.45	8.72	0.00	91.73	--	--	--	--	--	--	--	--	--	--	--	--
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	--	<500	--	--	--	--	--	--	--
MW-104	08/17/1999	100.45	9.24	0.00	91.21	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-104	11/19/1999	100.45	8.40	0.00	92.05	<80	--	<250	--	--	--	--	--	--	--	--	1.0
MW-104	03/09/2000	100.45	8.49	0.00	91.96	<80	--	<250	--	<50	--	--	--	--	--	--	<1.0
MW-104	06/13/2000	100.45	8.89	0.00	91.56	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-104	09/26/2000	100.45	9.32	0.00	91.13	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-104	12/13/2000	100.45	9.09	0.00	91.36	--	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-104	02/28/2001	100.45	8.89	0.00	91.56	<80	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-104	05/02/2001	100.45	8.79	0.00	91.66	103	--	<250	--	<500	--	--	--	--	--	--	<1.0
MW-104	10/30/2002	100.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	01/23/2003	100.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	04/18/2003	100.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	07/11/2003	100.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	10/31/2003	100.44	9.15	0.00	91.29	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	<1.0
MW-104	12/30/2003	100.44	8.39	0.00	92.05	<96	--	<50	--	<77	<0.5	<0.5	<0.5	<1.5	--	--	<1.2
MW-104	05/03/2004	100.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	07/20/2004	100.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-104	10/07/2004	100.45	9.09	0.00	91.36	<50	--	<83	--	<100	--	--	--	--	--	--	--
MW-104	10/20/2005	100.45	9.19	0.00	91.26	<48	--	<82	--	<100	--	--	--	--	--	--	--
MW-104	09/06/2007	100.45	9.42	0.00	91.03	<50	--	<79	--	<98	--	--	--	--	--	--	0.087
MW-104	5/27-28/2008	100.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	--	--	--	--	--	--	--

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-105	11/28/1995	96.14	2.53	0.00	93.61	--	--	--	--	--	--	--	--	--	--	--	
MW-105	03/12/1996	96.14	3.37	0.00	92.77	--	--	--	--	--	--	--	--	--	--	--	
MW-105	06/26/1996	96.14	4.74	0.00	91.40	--	--	--	--	--	--	--	--	--	--	--	
MW-105	10/09/1996	96.14	4.93	0.00	91.21	--	--	--	--	--	--	--	--	--	--	--	
MW-105	02/12/1997	96.14	3.19	0.00	92.95	<50	--	<250	--	<750	--	--	--	--	--	2	
MW-105	04/22/1997	96.14	3.08	0.00	93.06	<50	--	<250	--	<750	--	--	--	--	--	2	
MW-105	08/05/1997	96.14	4.85	0.00	91.29	<50	--	<250	--	<750	--	--	--	--	--	2	
MW-105	11/11/1997	96.14	3.11	0.00	93.03	<50	--	<250	--	<750	--	--	--	--	--	2	
MW-105	02/11/1998	96.14	3.24	0.00	92.90	<50	--	<250	--	<750	--	--	--	--	--	2	
MW-105	05/28/1998	96.14	3.91	0.00	92.23	<50	--	<250	--	<750	--	--	--	--	--	6.62	
MW-105	08/20/1998	96.14	5.28	0.00	90.86	<50	--	<250	--	<750	--	--	--	--	--	<1.00	
MW-105	11/19/1998	96.14	5.37	0.00	90.77	<50	--	<250	--	<750	--	--	--	--	--	<1.00	
MW-105	03/11/1999	96.14	2.43	0.00	93.71	<80	--	<250	--	<500	--	--	--	--	--	<1.00	
MW-105	05/25/1999	96.14	4.29	0.00	91.85	<80	--	<250	--	--	--	--	--	--	--	--	
MW-105	08/17/1999	96.14	5.06	0.00	91.08	<80	--	<250	--	<500	--	--	--	--	--	<1.00	
MW-105	11/19/1999	96.14	3.08	0.00	93.06	<80	--	<250	--	--	--	--	--	--	--	<1.00	
MW-105	03/09/2000	96.14	2.75	0.00	93.39	<80	--	<250	--	<500	--	--	--	--	--	<1.00	
MW-105	06/13/2000	96.14	4.45	0.00	91.69	<80	--	<250	--	<500	--	--	--	--	--	<1.00	
MW-105	09/26/2000	96.14	5.20	0.00	90.94	--	--	<250	--	<500	--	--	--	--	--	<1.00	
MW-105	12/13/2000	96.14	4.67	0.00	91.47	--	--	<250	--	<500	--	--	--	--	--	1.37	
MW-105	02/28/2001	96.14	3.92	0.00	92.22	<80	--	<250	--	<500	--	--	--	--	--	<1.00	
MW-105	05/02/2001	96.14	3.53	0.00	92.61	87	--	<250	--	<750	--	--	--	--	--	<1.00	
MW-105	10/30/2002	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-105	01/23/2003	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-105	04/18/2003	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-105	07/11/2003	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-105	10/31/2003	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	
MW-105	05/03/2004	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-105	07/20/2004	96.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-105	10/07/2004	96.14	4.71	0.00	91.43	<50	--	<160	--	<200	--	--	--	--	--	--	
MW-105	10/20/2005	96.14	5.16	0.00	90.98	<48	--	<82	--	<100	--	--	--	--	--	--	
MW-105	09/06/2007	96.14	5.34	0.00	90.80	<50	--	<100	--	<81	--	--	--	--	--	0.47	
MW-105	5/27-28/2008	96.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	

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-106	11/19/1999	99.71	7.88	0.00	91.83	<80	--	<250	--	--	--	--	--	--	--	<1.0	
MW-106	03/09/2000	99.71	7.74	0.00	91.97	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-106	06/13/2000	99.71	8.39	0.00	91.32	<80	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-106	09/26/2000	99.71	8.79	0.00	90.92	--	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-106	12/13/2000	99.71	8.51	0.00	91.20	--	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-106	02/28/2001	99.71	8.18	0.00	91.53	<80	--	<250	--	<500	--	--	--	--	--	<2.0	
MW-106	05/02/2001	99.71	8.17	0.00	91.54	88	--	<250	--	<500	--	--	--	--	--	<1.0	
MW-106	10/30/2002	99.73	8.98	0.00	90.75	<80	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	<1.0	
MW-106	01/23/2003	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-106	04/18/2003	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-106	07/11/2003	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-106	10/31/2003	99.73	8.52	0.00	91.21	<50	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	<1.0	
MW-106	12/31/2003	99.73	7.54	0.00	92.19	<98	--	<50	--	<78	<0.5	<0.5	<0.5	<1.5	--	<1.2	
MW-106	05/03/2004	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-106	07/20/2004	99.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-106	10/07/2004	99.71	8.50	0.00	91.21	<50	--	<78	--	<97	--	--	--	--	--	--	
MW-106	10/20/2005	99.71	8.70	0.00	91.01	<48	--	<82	--	<100	--	--	--	--	--	--	
MW-106	09/06/2007	99.71	8.88	0.00	90.83	<50	--	<80	--	<100	--	--	--	--	--	0.13	
MW-106	5/27-28/2008	99.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	
MW-107	05/03/2004	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-107	07/20/2004	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

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

Well	Date	TOC	DTW	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	10/07/2004	100.00	8.78	0.00	91.22	<50	--	<80	--	<100	--	--	--	--	--	--		
MW-107	10/20/2005	100.00	8.97	0.00	91.03	<48	--	<81	--	<100	--	--	--	--	--	--		
MW-107	09/06/2007	100.00	9.18	0.00	90.82	<50	--	<78	--	<98	--	--	--	--	--	0.07		
MW-107	5/27-28/2008	100.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
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	LFP	
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	LFP	
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	LFP	
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	LFP	
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	LFP	
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	LFP	
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	LFP	
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					MONITORING WELL DECOMMISSIONED/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	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW-108	07/20/2004	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW-108	10/07/2004	99.79	8.80	0.00	90.99	<50	--	<80	--	<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

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	10/20/2005	99.79	8.89	0.00	90.90	<48	--	<81	--	<100	--	--	--	--	--	--	
MW-108	10/20/2005 (D)	99.79	8.89	0.00	90.90	<48	--	<81	--	<100	--	--	--	--	--	--	
MW-108	09/06/2007	99.79	9.15	0.00	90.64	<50	--	<80	--	<100	--	--	--	--	--	0.12	
MW-108	5/27-28/2008	99.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
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	LFP
MW-108						MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED											
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 ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	--	
QA	11/16-18/2015	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	5/13-14/2016	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/14/2016	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	05/14/2017	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/11-12/2017	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	05/11/2018	--	--	--	--	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	
QA	11/11-12/2018	--	--	--	--	<19	--	--	--	--	<0.2	<0.2	<0.4	<1	--	--	
QA	04/27/2019	--	--	--	--	<19	--	--	--	--	<0.2	<0.2	<0.4	<1	--	--	
QA	11/03/2019	--	--	--	--	<19	--	--	--	--	<0.2	<0.2	<0.4	<1	--	--	
QA	05/06/2020	--	--	--	--	38.7 B J	--	--	--	--	<1.00	<1.00	<1.00	<3.00	--	--	

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

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.

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

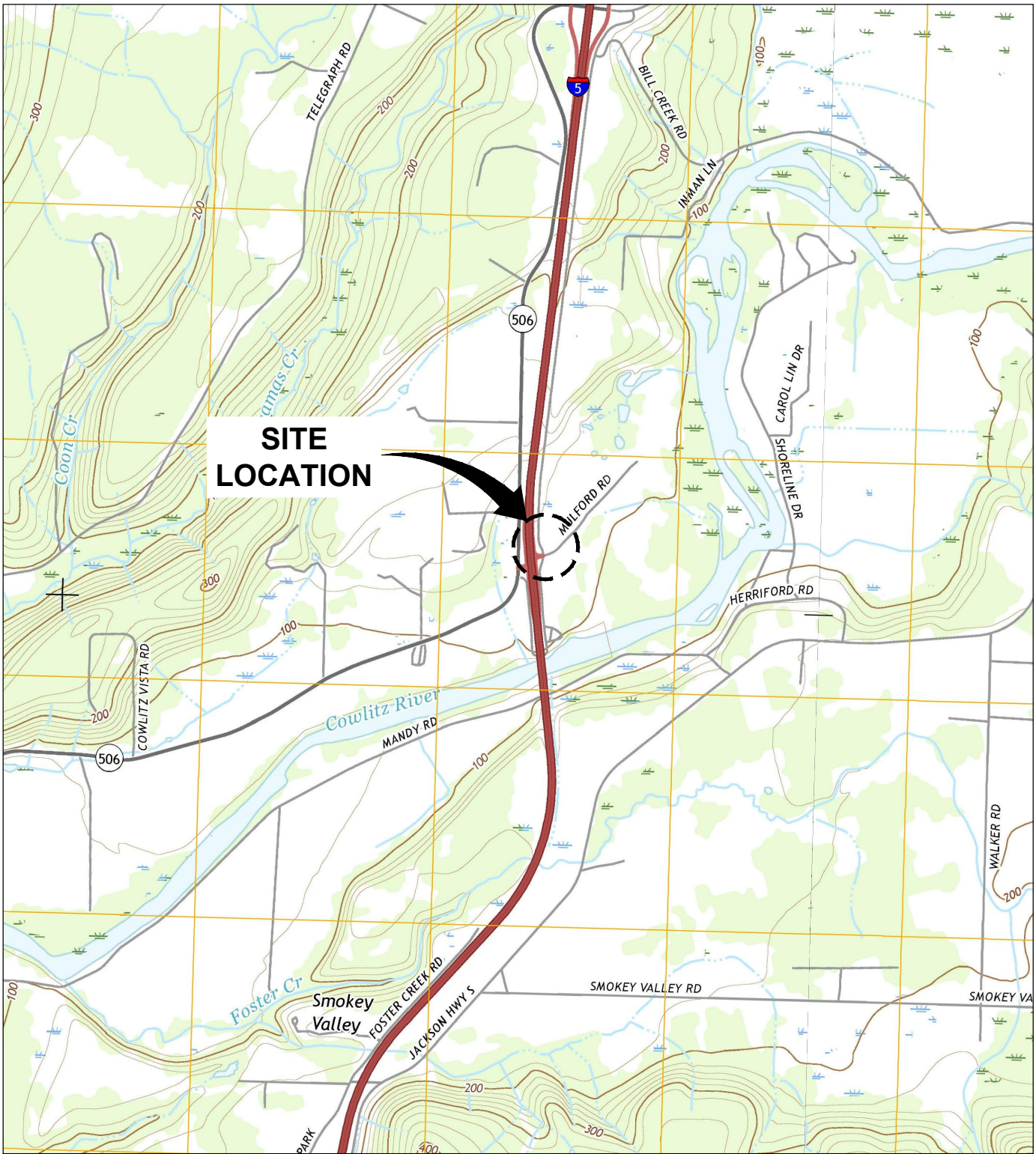
TPH-DRO = Total Petroleum Hydrocarbon as Diesel Range Organics

TPH-HRO = Total Petroleum Hydrocarbons as Heavy Oil Range Organics

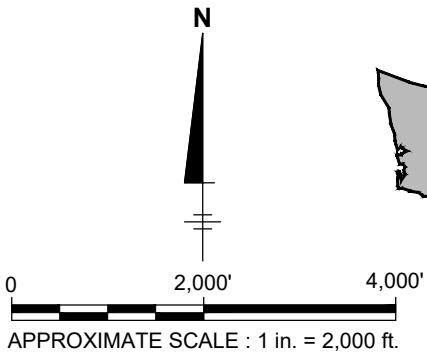
Dissolved Lead analyzed by USEPA 6020

FIGURES





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



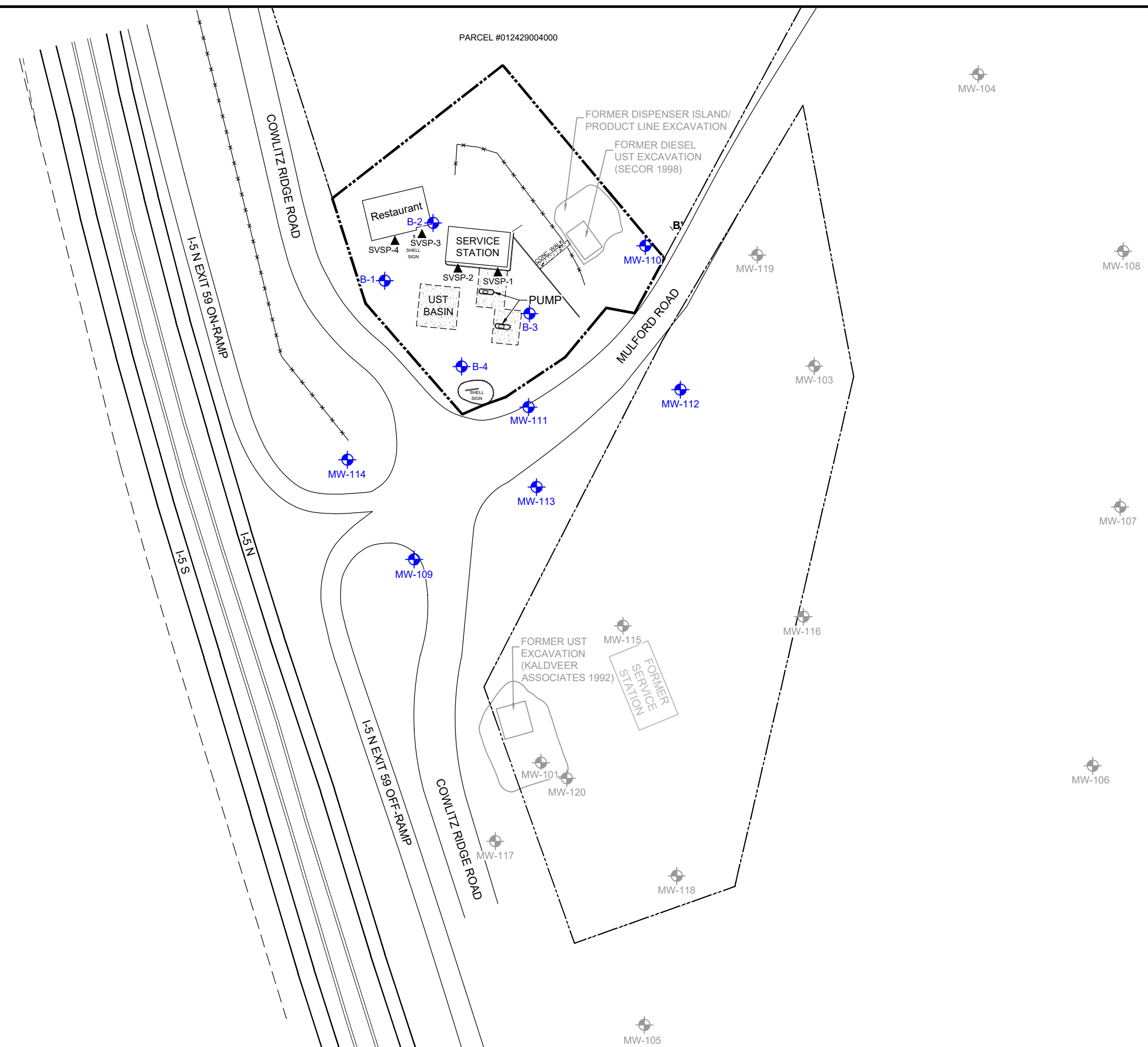
COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION No. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

SITE LOCATION MAP

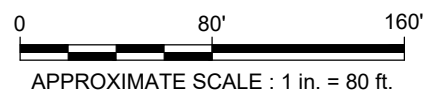
 ARCADIS Design & Consultancy for natural and built assets	FIGURE 1
--	--------------------

CITY:EMERYVILLE_CA_DIV\GROUP:ENV\CAD_DRA:REYES
 C:\Users\madarapu9594\BIM\360\Arcadis\ANA - CHEVRON CORPORATION\Project Files\211556 - TOLEDO\2020\ASRTM0EH.1556\01-DWG\GWM\Fig2-Site Plan.dwg LAYOUT:2
 6/4/2020 11:45 AM BY: MADARAPU, VENKAT AKHIL
 PAGES: 23 OF 23
 PLOTSTYLETABLE: PLTFULL.ctb PLOTTED: 6/3/2020 4:08 PM ACADVER: 23.1S (LMS TECH)

PARCEL #012429004000

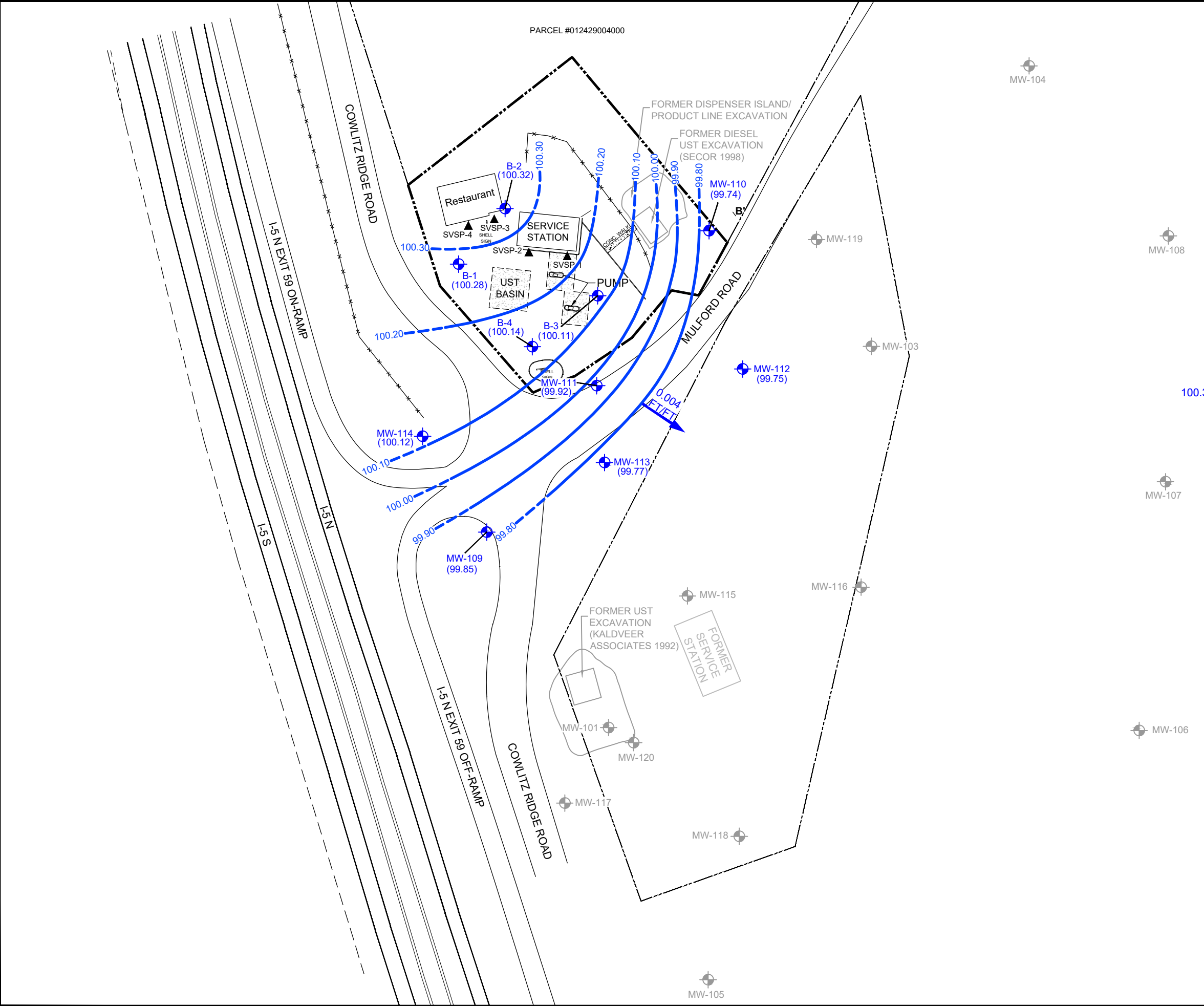


- LEGEND:**
- LEWIS COUNTY PARCEL No. 012429003001 BOUNDARY
 - LEWIS COUNTY PARCEL No. 012429002001 BOUNDARY
 - FENCE
 - MW-119 GROUNDWATER MONITORING WELL
 - MW-108 ABANDONED MONITORING WELL
 - ▲ SVSP-2 SOIL VAPOR SAMPLING PROBES
 - UST UNDERGROUND STORAGE TANK

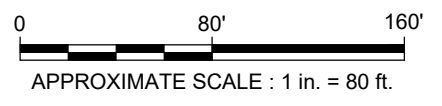
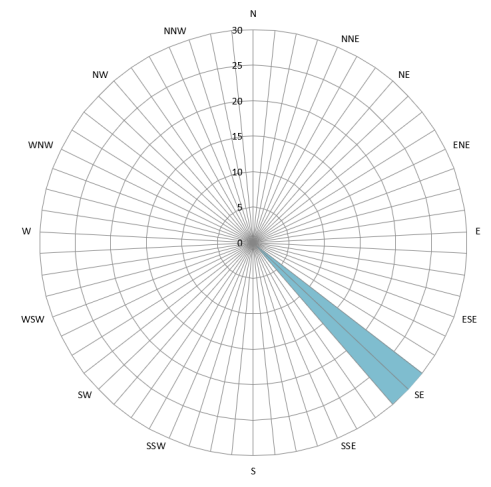


COWLITZ BP / COWLITZ FOOD AND FUEL / FORMER TEXACO SERVICE STATION No. 211556 101 MULFORD ROAD TOLEDO, WASHINGTON	
SITE PLAN	
Design & Consultancy for natural and built assets	FIGURE 2

CITY:EMERYVILLE, CA - DIV:GROUP:ENVCAD - DR:A:REVES
 C:\Users\madarapu9564\BIM\360\Arcadis\ANA - CHEVRON CORPORATION\Project Files\211556 - TOLEDO\2020\ASRT\06\1556\01-DWG\GWM\Fig3-Conc_recover.dwg LAYOUT:3 - SAVED: 6/5/2020 4:55 PM ACADYER: 231.S (LMS TECH) PAGES: 15 PAGES: 15 PLOT: PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 6/5/2020 5:23 PM BY: MADARAPU, VENKAT AKHIL



- 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
 - 100.30 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
 - (100.32) GROUNDWATER ELEVATION (FEET)
 - APPROXIMATE GROUNDWATER FLOW DIRECTION
 - 0.004 FT/FT APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)



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

GROUNDWATER ELEVATION CONTOUR MAP
MAY 5, 2020

CITY:EMERYVILLE, CA DIV:GROUP:ENVCAD, DR:AREYES, C:\Users\madarapu\p69418\1\360\Arcadis\ANA - CHEVRON CORPORATION\Project Files\211556 - TOLEDO\2020\ASRT\MEH, 1556\01-DWG\GWM-Fig4-Analytical Map_recover.dwg LAYOUT: 4, SAVED: 6/3/2020 4:23 PM, ACADVER: 23.15 (LMS TECH), PAGES: 1, PLOTSTYLE: PLT:FULL, CTB: PLOT.TED, 6/5/2020 4:14 PM, BY: MADARAPU, VENKAT AKHIL

B-2	
Date	05/06/2020
TPH-GRO	32.6 B J
TPH-DRO	<200
TPH-DRO w/Si gel	--
TPH-HRO	<250
TPH-HRO w/Si gel	--
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	<5.00

B-1	
Date	05/06/2020
TPH-GRO	32.9 B J
TPH-DRO	<200
TPH-DRO w/Si gel	--
TPH-HRO	<250
TPH-HRO w/Si gel	--
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	<5.00

B-4	
Date	05/06/2020
TPH-GRO	1,800
TPH-DRO	230
TPH-DRO w/Si gel	115 J
TPH-HRO	106 J
TPH-HRO w/Si gel	<250
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	9.59

MW-114	
Date	05/06/2020
TPH-GRO	38.2 B J
TPH-DRO	<200
TPH-DRO w/Si gel	<200
TPH-HRO	<250
TPH-HRO w/Si gel	<250
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	<5.00

MW-109	
Date	05/06/2020
TPH-GRO	51.3 B J
TPH-DRO	<200
TPH-DRO w/Si gel	<200
TPH-HRO	<250
TPH-HRO w/Si gel	<250
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	<5.00

B-3	
Date	05/06/2020
TPH-GRO	92.3 B J
TPH-DRO	273
TPH-DRO w/Si gel	79.5 J
TPH-HRO	104 J
TPH-HRO w/Si gel	<250
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	<5.00

MW-112	
Date	05/06/2020
TPH-GRO	42.6 B J
TPH-DRO	<200
TPH-DRO w/Si gel	--
TPH-HRO	<250
TPH-HRO w/Si gel	--
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	<5.00

MW-111	
Date	05/06/2020
TPH-GRO	37.8 B J
TPH-DRO	1,530
TPH-DRO w/Si gel	739
TPH-HRO	1,670
TPH-HRO w/Si gel	1,050
B	0.824 J
T	0.394 J
E	14.0
X	1.53 J
Lead	10.2

MW-113	
Date	05/06/2020
TPH-GRO	<100
TPH-DRO	<200
TPH-DRO w/Si gel	--
TPH-HRO	<250
TPH-HRO w/Si gel	--
B	<1.00
T	<1.00
E	<1.00
X	<3.00
Lead	<5.00

- 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
 - < CONSTITUENT NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT (MDL)
 - J ESTIMATED VALUE BETWEEN MDL AND REPORTED DETECTION LIMIT (RDL)
 - NOT ANALYZED
 - (NS) NOT SAMPLED
 - BOLD** ANALYTE CONCENTRATION EXCEEDS MODEL TOXICS CONTROL ACT (MTCA) METHOD A CLEANUP LEVELS
 - TPH TOTAL PETROLEUM HYDROCARBONS
 - B THE SAME ANALYTE IS FOUND IN ASSOCIATED BLANK
 - w/Si gel WITH SILICA GEL CLEANUP
 - * 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

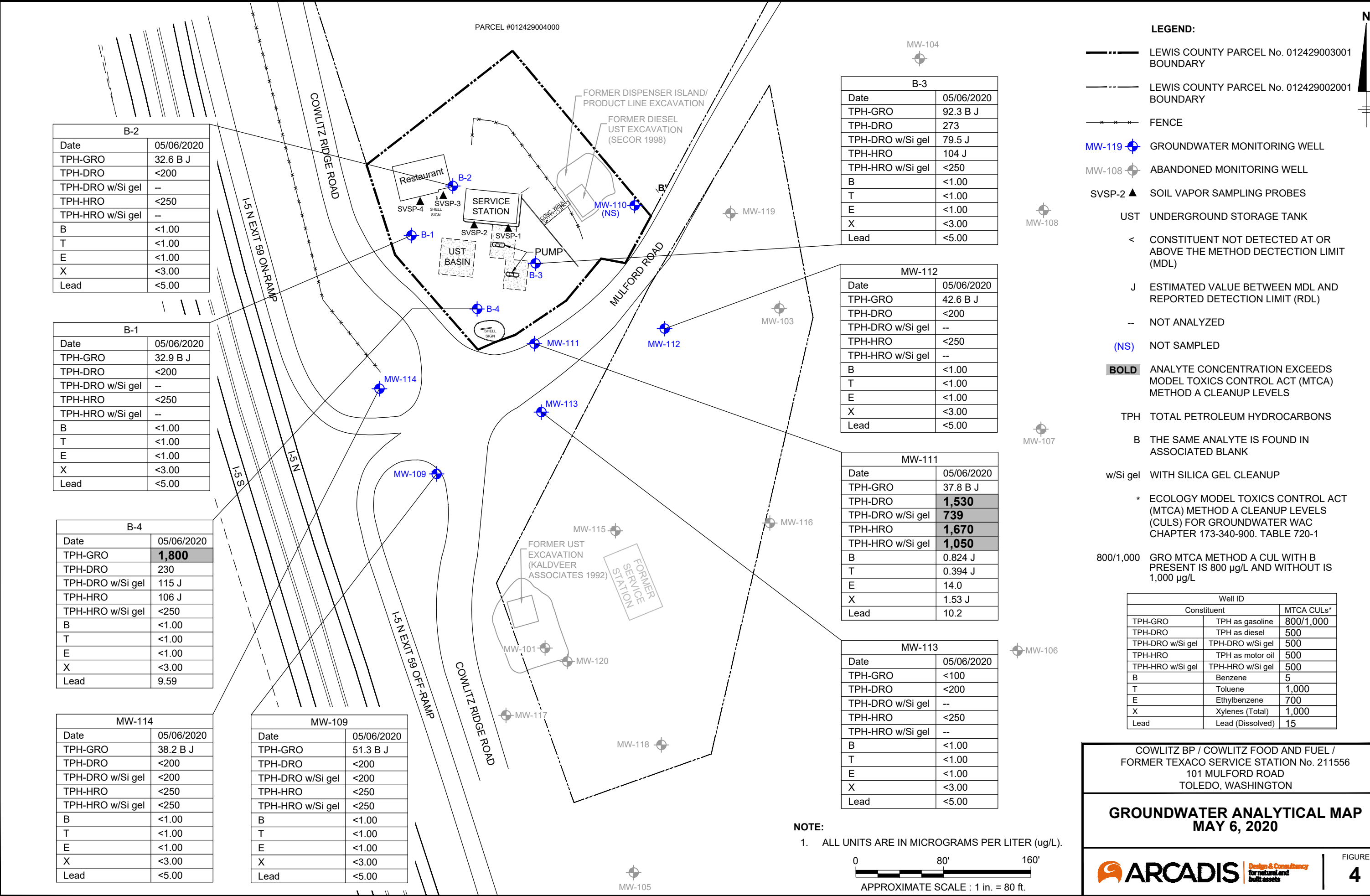
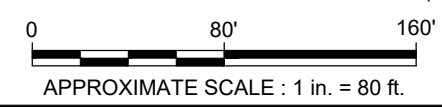
Well ID		
Constituent	TPH as gasoline	MTCA CULs*
TPH-GRO	TPH as gasoline	800/1,000
TPH-DRO	TPH as diesel	500
TPH-DRO w/Si gel	TPH-DRO w/Si gel	500
TPH-HRO	TPH as motor oil	500
TPH-HRO w/Si gel	TPH-HRO w/Si gel	500
B	Benzene	5
T	Toluene	1,000
E	Ethylbenzene	700
X	Xylenes (Total)	1,000
Lead	Lead (Dissolved)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

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

**GROUNDWATER ANALYTICAL MAP
MAY 6, 2020**



NOTE:
1. ALL UNITS ARE IN MICROGRAMS PER LITER (µg/L).



ATTACHMENT A

Field Data Sheets and General Procedures





GETTLER-RYAN INC.



TRANSMITTAL

May 12, 2020
G-R #17156773

TO: Ms. Komal Dixit
Arcadis
111 SW Columbia Street, Suite 670
Portland, Oregon 97201

FROM: Deanna L. Harding
Project Manager
Gettler-Ryan Inc.
6805 Sierra Court, Suite G
Dublin, California 94568

RE: **Former Texaco Service Station
#211556/Cowlitz BP
101 Mulford Road
Toledo, Washington
UST Site#10669**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package First Semi Annual Event May 5 & 6, 2020

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

All field data was uploaded to Field Now/Fulcrum App.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/211556



GETTLER-RYAN Inc.

CHEVRON - SITE CHECK LIST

Facility#: Chevron #211556

Date: 5/5/20

Address: 101 Mulford Road

City/St.: Toledo, WA

Status of Site: Active Shell

DRUMS:

Please list below ALL DRUMS on site:

(i.e., drum description, condition, labeling, contents and location of drums)



#	Description	Condition	Labeling	Contents/Capacity	Location
1	55 gal	OK	Faded	H ₂ O/20%	behind station
2	↓	↓	↓	Empty	↓

WELLS:

Please check the condition of ALL WELLS on site:

(i.e., gaskets, bolts, replaced well plug and/or well lock, well box condition and etc.)

Well ID	Gaskets (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Replaced Plug Y/N	Replaced Lock Y/N	Well Box Manufacturer/Size/# of Bolts	Other
MW-103	OK				UTL	
MW-109	OK	OK	N	N	monb/8"/3	
MW-110	↓	↓	↓	↓	12	
MW-111	↓	↓	↓	↓	8	
MW-112	↓	↓	↓	↓	↓	
MW-113	↓	↓	↓	↓	12	
MW-114	↓	↓	↓	↓	↓	
MW-115	_____				UTL	
MW-116	_____					
MW-117	_____					
MW-118	_____					
MW-119	_____					
MW-120	_____					
B-1	OK	OK	N	N	monb/12/3	
B-2	↓	↓	↓	↓	8	
B-3	↓	↓	↓	↓	↓	
B-4	↓	↓	↓	↓	↓	

Additional Comments/Observations: _____

211556 Toledo 5/5/20, Site Picture



20200505_102229.jpg

STANDARD OPERATING PROCEDURE, LOW-FLOW PURGING AND SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following Standard Operating Procedure (SOP) for the collection and handling of representative groundwater samples using the Low-Flow (Minimal-Drawdown) Purging technique. This SOP incorporates purging and sampling methods discussed in U.S. EPA, Ground Water Issue, Publication Number EPA/540/S-95/504, April 1996 by Puls, R.W. and M.J. Barcelona - "*Low-Flow (Minimal-Drawdown) Ground-Water Sampling Procedures.*"

A QED Well Wizard™ (or equivalent) bladder pump or Peristaltic Pump will be used to purge and sample selected wells as outlined in the scope-of-work. An in-line flow cell or other multi-parameter meter is used to collect water quality indicating parameters during purging.

Initial Pump Discharge Test Procedures

The Static Water Level (SWL) is measured in all wells at the site prior to the installation of the pump or tubing and initiation of the test procedures in any well. In addition, the presence or absence of separate-phase hydrocarbons (SPH) is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot. The SWL measurement and SPH thickness, if any, will be recorded on the field data sheet. Total well depths are measured annually.

The bladder pump or suction inlet tubing of the peristaltic pump is then positioned with its inlet located within the screened interval of the well. The in-line flow cell is then connected to the discharge tubing. After pump installation, the SWL is allowed to recover to its original level. The pump is then started at a discharge rate between 100 ml to 300 ml per minute with the in-line flow cell connected. The water level is monitored continuously for any change from the original measurement and the discharge rate is adjusted until an optimum discharge rate (ODR) is determined. The goal for the ODR is to produce a stable drawdown of less than 0.1 meter as allowed by site conditions; however the total drawdown from the initial SWL should not exceed 25% of the distance between pump inlet location and the top of the well screen. Once achieved, the ODR will be confirmed by volumetric discharge measurement and recorded on the field data sheet.

Purging and Water Quality Parameter Measurement

When the ODR has been determined and the SWL drawdown has been established within the acceptable range, and a minimum of one pump system volume (bladder volume and/or discharge tubing volume) has been purged, field measurements for temperature (T), pH, conductivity (Ec), and if required, oxygen reduction potential (ORP) and dissolved oxygen (DO) will be collected and documented on the field data sheet. Measurements should be taken every three to five minutes until parameters stabilize for three consecutive readings. The minimum parameter subset of T ($\pm 10\%$), pH (± 0.1 unit), and Ec (± 10 uS) are required to stabilize. Additional parameters that may be required are DO (± 0.2 mg/l) and ORP (± 20 mV).

Sample Collection

When water quality parameters have stabilized, and the SWL drawdown remains established within the acceptable range, groundwater sample collection may begin. If used, the in-line flow cell and its tubing are disconnected from the discharge tubing prior to sample collection. Water samples are collected from the discharge tubing into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: MW-103
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____
 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: - Well unable to locate. Possibly destroyed. per tenant on property

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556 Job Number: 17156773
 Site Address: 101 Mulford Road Event Date: 5/5 - 5/6/20 (inclusive)
 City: Toledo, WA Sampler: AW

Well ID: MW-109 Date Monitored: 5-5-20

Well Diameter: 2 1/4 in.

Total Depth: 12.63 ft.

Depth to Water: 7.50 ft.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.13 xVF = x3 case volume = Estimated Purge Volume: gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): 1300 Weather Conditions: Sunny
 Sample Time/Date: 1340 / 5-6-20 Water Color: Cloudy Odor: Y 10
 Approx. Flow Rate: 200 mlpm Sediment Description: Cloudy
 Did well de-water? N If yes, Time: Volume: ltrs DTW @ Sampling: 2.62

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (mS umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>1318</u>	<u>3.6</u>	<u>7.23</u>	<u>92.4</u>	<u>14.1</u>	<u>5.36</u>	<u>183.2</u>	<u>7.55</u>
<u>1321</u>	<u>4.2</u>	<u>7.19</u>	<u>92.9</u>	<u>14.2</u>	<u>5.30</u>	<u>183.8</u>	<u>7.58</u>
<u>1324</u>	<u>4.8</u>	<u>7.17</u>	<u>93.3</u>	<u>14.2</u>	<u>5.24</u>	<u>184.3</u>	<u>7.62</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-109</u>	<u>6</u> x amber voa vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-GxBTEX(8260)</u>
	<u>2</u> x amber voa vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx</u>
	<u>2</u> x amber voa vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx w/sgc/NWTPH-Dx</u>
	<u>1</u> x 250ml poly	<u>YES</u>	<u>HNO3</u>	<u>PACE</u>	<u>DISSOLVED LEAD(6020 ICP/MS)</u>

COMMENTS: Depth Pump Set At: 110.0 ft.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: MW-110
 Well Diameter: 2 1/4 in.
 Total Depth: 19.80 ft.
 Depth to Water: 9.15 ft.

Date Monitored: 5/5/20

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less then 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.65 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N _____
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: - m/b

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: MW-111
 Well Diameter: 2 1/4 in.
 Total Depth: 17.71 ft.
 Depth to Water: 7.60 ft.
10.11 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: S-S-20

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ✓

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump ✓
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump ✓
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): 1110
 Sample Time/Date: 1150 / 5/6/20
 Approx. Flow Rate: 200 mlpm
 Did well de-water? ✓ If yes, Time: _____

Weather Conditions: Sunny
 Water Color: cloudy Odor: Y/O
 Sediment Description: cloudy
 Volume: _____ ltrs DTW @ Sampling: 7.75

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>1128</u>	<u>3.6</u>	<u>7.31</u>	<u>312.2</u>	<u>15.7</u>	<u>2.87</u>	<u>-48.4</u>	<u>7.66</u>
<u>1131</u>	<u>4.2</u>	<u>7.29</u>	<u>312.9</u>	<u>15.8</u>	<u>2.81</u>	<u>-48.9</u>	<u>7.69</u>
<u>1134</u>	<u>4.8</u>	<u>7.35</u>	<u>313.3</u>	<u>15.8</u>	<u>2.76</u>	<u>-49.5</u>	<u>7.75</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-111</u>	<u>6</u> x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	<u>2</u> x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	<u>2</u> x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	<u>1</u> x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: 213.0 ft

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556 Job Number: 17156773
 Site Address: 101 Mulford Road Event Date: 5/5-5/6/20 (inclusive)
 City: Toledo, WA Sampler: AW

Well ID: MW-112 Date Monitored: 5-5-20
 Well Diameter: 2 1/4 in.
 Total Depth: 17.30 ft.
 Depth to Water: 7.83 ft. Check if water column is less than 0.50 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.47 xVF = x3 case volume = Estimated Purge Volume: gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr
Product Transferred to:	_____

Start Time (purge): 1450 Weather Conditions: Sunny
 Sample Time/Date: 1530 / 5-6-20 Water Color: cloudy Odor: Y 10
 Approx. Flow Rate: 200 mlpm Sediment Description: cloudy
 Did well de-water? If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: 7.97

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (1825 μS/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1508	3.6	7.41	244	13.9	1.79	119	7.88
1511	4.2	7.38	250	14.0	1.75	125	7.92
1514	4.8	7.35	253	14.0	1.75	128	7.97

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-112</u>	<u>6</u> x amber vov vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Gx/BTEX(8260)</u>
	<u>2</u> x amber vov vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx</u>
	<u> </u> x amber vov vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx w/sgc/NWTPH-Dx</u>
	<u>1</u> x 250ml poly	<u>YES</u>	<u>HNO3</u>	<u>PACE</u>	<u>DISSOLVED LEAD(6020 ICP/MS)</u>

COMMENTS: Depth Pump Set At: ~12.5ft

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 - 5/6/20 (inclusive)
 Sampler: GW

Well ID: MW-113
 Well Diameter: 2 1/4 in.
 Total Depth: 18.10 ft.
 Depth to Water: 8.67 ft.
9.43 xVF = x3 case volume = Estimated Purge Volume: gal.

Date Monitored: 5-5-20

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]:

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump ✓
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump ✓
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): 1355 Weather Conditions: Sunny
 Sample Time/Date: 1435 / 5-6-20 Water Color: Cloudy Odor: Y 10
 Approx. Flow Rate: 200 mlpm Sediment Description: Cloudy
 Did well de-water? ✓ If yes, Time: Volume: ltrs DTW @ Sampling: 8.79

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS/mS umhgs/cm)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>1413</u>	<u>2.6</u>	<u>7.53</u>	<u>55.4</u>	<u>13.0</u>	<u>8.28</u>	<u>229</u>	<u>8.71</u>
<u>1416</u>	<u>4.2</u>	<u>7.49</u>	<u>55.9</u>	<u>13.1</u>	<u>8.22</u>	<u>236</u>	<u>8.75</u>
<u>1419</u>	<u>4.8</u>	<u>7.44</u>	<u>56.3</u>	<u>13.1</u>	<u>8.17</u>	<u>241</u>	<u>8.79</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-113</u>	<u>6</u> x amber voa vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Gx/BTEX(8260)</u>
	<u>2</u> x amber voa vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx</u>
	<u> </u> x amber voa vial	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx w/sgc/NWTPH-Dx</u>
	<u>1</u> x 250ml poly	<u>YES</u>	<u>HNO3</u>	<u>PACE</u>	<u>DISSOLVED LEAD(6020 ICP/MS)</u>

COMMENTS: Depth Pump Set At: ~13.5ft

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: MW-114
 Well Diameter: 214 in.
 Total Depth: 16.80 ft.
 Depth to Water: 6.77 ft.
10.03 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 5-5-20

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): 1205
 Sample Time/Date: 1245 5-6-20
 Approx. Flow Rate: 200 mlpm
 Did well de-water? N If yes, Time: _____

Weather Conditions: Sunny
 Water Color: Cloudy Odor: YTD
 Sediment Description: Cloudy
 Volume: _____ ltrs DTW @ Sampling: 6.92

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>1223</u>	<u>3.6</u>	<u>7.64</u>	<u>144.1</u>	<u>12.3</u>	<u>4.97</u>	<u>42.0</u>	<u>6.81</u>
<u>1226</u>	<u>4.2</u>	<u>7.59</u>	<u>144.7</u>	<u>12.4</u>	<u>4.90</u>	<u>42.2</u>	<u>6.88</u>
<u>1229</u>	<u>4.8</u>	<u>7.55</u>	<u>145.4</u>	<u>12.4</u>	<u>4.85</u>	<u>42.5</u>	<u>6.92</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-114</u>	<u>6</u> x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	<u>2</u> x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	<u>2</u> x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	<u>1</u> x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~12.0 ft.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 - 5/6/20 (inclusive)
 Sampler: AW

Well ID: mw-115
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): _____
 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS cmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: - UTL - possibly destroyed.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: MW-116
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____
 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft.
 Depth to Water: _____ ft.
 Hydrocarbon Thickness: _____ ft.
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-GxBTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml/poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: - VTL - possibly destroyed

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: MW-117
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____
 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: - VTL - possibly destroyed.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____





GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 - 5/6/20 (inclusive)
 Sampler: AW

Well ID: mw-118
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____
 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft.
 Depth to Water: _____ ft.
 Hydrocarbon Thickness: _____ ft.
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N _____
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: VTL - possibly destroyed.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 - 5/6/20 (inclusive)
 Sampler: AW

Well ID: mm119
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____
 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (μ S / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: - VTL possibly destroyed.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 - 5/6/20 (inclusive)
 Sampler: AW

Well ID: MW-120
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____
 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ mlpm Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

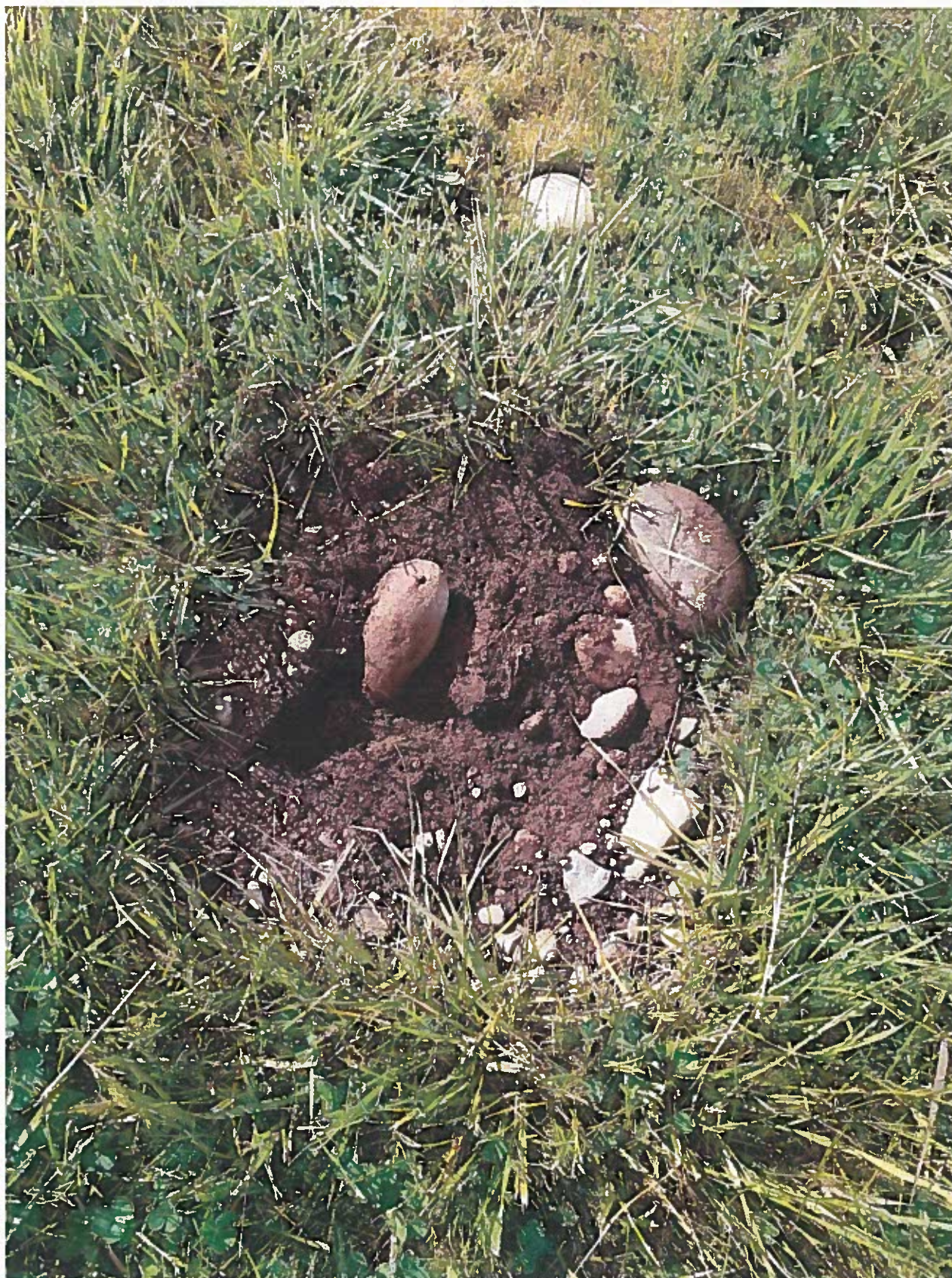
Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx
	x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: - NTC - possibly destroyed

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____





GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: B-1
 Well Diameter: Ø14 in.
 Total Depth: 19.95 ft.
 Depth to Water: 7.46 ft.
12.49 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 5-5-20

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): 0825
 Sample Time/Date: 0905 5-6-20
 Approx. Flow Rate: 200 mlpm
 Did well de-water? N If yes, Time: _____

Weather Conditions: Sunny
 Water Color: Cloudy Odor: Y 1 (R)
 Sediment Description: Cloudy
 Volume: _____ ltrs DTW @ Sampling: 7.57

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS/cm)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>0843</u>	<u>3.6</u>	<u>7.04</u>	<u>133.4</u>	<u>12.4</u>	<u>3.86</u>	<u>250.3</u>	<u>760</u>
<u>0846</u>	<u>4.2</u>	<u>7.01</u>	<u>134.0</u>	<u>12.5</u>	<u>3.81</u>	<u>250.9</u>	<u>753</u>
<u>0849</u>	<u>4.8</u>	<u>6.99</u>	<u>134.4</u>	<u>12.5</u>	<u>3.77</u>	<u>251.3</u>	<u>757</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-1</u>	<u>6 x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Gx/BTEX(8260)</u>
	<u>2 x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx</u>
	<u>x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx w/sgc/NWTPH-Dx</u>
	<u>1 x 250ml poly</u>	<u>YES</u>	<u>HNO3</u>	<u>PACE</u>	<u>DISSOLVED LEAD(6020 ICP/MS)</u>

COMMENTS: Depth Pump Set At: ~14.0ft.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 -5/6/20 (inclusive)
 Sampler: AW

Well ID: B-2
 Well Diameter: 2.4 in.
 Total Depth: 19.30 ft.
 Depth to Water: 8.67 ft.
10.63 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 5-5-20

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump /
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump /
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr
Product Transferred to:	_____

Start Time (purge): 0730
 Sample Time/Date: 0810 / 5-6-20
 Approx. Flow Rate: 200 mlpm
 Did well de-water? N If yes, Time: _____

Weather Conditions: Sunny
 Water Color: Cloudy Odor: Y 10
 Sediment Description: Cloudy
 Volume: _____ ltrs DTW @ Sampling: 8.79

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS umhos/cm)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>0748</u>	<u>3.6</u>	<u>7.32</u>	<u>230.5</u>	<u>12.0</u>	<u>5.00</u>	<u>253.1</u>	<u>8.72</u>
<u>0751</u>	<u>4.2</u>	<u>7.29</u>	<u>231.0</u>	<u>12.1</u>	<u>4.94</u>	<u>253.6</u>	<u>8.77</u>
<u>0754</u>	<u>4.8</u>	<u>7.25</u>	<u>231.3</u>	<u>12.1</u>	<u>4.92</u>	<u>254.0</u>	<u>8.79</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-2</u>	<u>6 x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Gx/BTEX(8260)</u>
	<u>2 x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx</u>
	<u>x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx w/sgc/NWTPH-Dx</u>
	<u>1 x 250ml poly</u>	<u>YES</u>	<u>HNO3</u>	<u>PACE</u>	<u>DISSOLVED LEAD(6020 ICP/MS)</u>

COMMENTS: Depth Pump Set At: ~14.0ft.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 - 5/6/20 (inclusive)
 Sampler: BW

Well ID: B-3
 Well Diameter: 214 in.
 Total Depth: 13.81 ft.
 Depth to Water: 8.35 ft.
5.46 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 5-5-20

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): _____

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): 1015
 Sample Time/Date: 1055 / 5-6-20
 Approx. Flow Rate: 200 mlpm
 Did well de-water? N If yes, Time: _____

Weather Conditions: Sunny
 Water Color: Cloudy Odor: Y / N
 Sediment Description: Cloudy
 Volume: _____ ltrs DTW @ Sampling: 8.50

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS/mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>1033</u>	<u>3.6</u>	<u>7.29</u>	<u>158</u>	<u>12.5</u>	<u>2.66</u>	<u>92</u>	<u>8.42</u>
<u>1036</u>	<u>4.2</u>	<u>7.23</u>	<u>193</u>	<u>12.6</u>	<u>2.70</u>	<u>99</u>	<u>8.47</u>
<u>1039</u>	<u>4.8</u>	<u>7.19</u>	<u>198</u>	<u>12.6</u>	<u>2.74</u>	<u>102</u>	<u>8.50</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-3</u>	<u>0</u> x amber vov vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	<u>2</u> x amber vov vial	YES	HCL	PACE	NWTPH-Dx
	<u>2</u> x amber vov vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	<u>1</u> x 250ml poly	YES	HNO3	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: 11.0ft

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5-5/6/20 (inclusive)
 Sampler: AW

Well ID: B-4
 Well Diameter: 2.4 in.
 Total Depth: 14.85 ft.
 Depth to Water: 7.54 ft.
7.31 xVF _____ = _____ x3 case volume = Estimated Purge Volume; _____ gal.

Date Monitored: 5-5-20

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailor _____
 Stainless Steel Bailor _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailor _____
 Pressure Bailor _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr
Product Transferred to:	_____

Start Time (purge): 0920
 Sample Time/Date: 1000 / 5-6-20
 Approx. Flow Rate: 200 mlpm
 Did well de-water? If yes, Time: _____

Weather Conditions: Sunny
 Water Color: cloudy Odor: Y / N
 Sediment Description: Cloudy
 Volume: _____ ltrs DTW @ Sampling: 7.64

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (mS umhos/cm)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
<u>0938</u>	<u>3.6</u>	<u>7.46</u>	<u>193.2</u>	<u>13.7</u>	<u>2.40</u>	<u>-36.4</u>	<u>7.57</u>
<u>0944</u>	<u>4.2</u>	<u>7.42</u>	<u>193.7</u>	<u>13.8</u>	<u>2.84</u>	<u>-36.7</u>	<u>7.60</u>
<u>0944</u>	<u>4.6</u>	<u>7.39</u>	<u>194.0</u>	<u>13.8</u>	<u>2.81</u>	<u>-37.0</u>	<u>7.64</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-4</u>	<u>6 x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Gx/BTEX(8260)</u>
	<u>2 x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx</u>
	<u>2 x amber voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>PACE</u>	<u>NWTPH-Dx w/sgc/NWTPH-Dx</u>
	<u>1 x 250ml poly</u>	<u>YES</u>	<u>HNO3</u>	<u>PACE</u>	<u>DISSOLVED LEAD(6020 ICP/MS)</u>

COMMENTS: Depth Pump Set At: ~11.5ft.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____

Arcadis - Chevron - WA

1100 Olive Way
Suite 800
Seattle WA 98101

Report to:
Komal Dixit

Project Description:
211556

Phone: 206-325-5254

Collected by (print):
ALEX WONG

Collected by (signature):

Immediately Packed on Ice **N** **Y** X

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

Pres
Chk

Email To:
Komal.Dixit@arcadis.com;environmentDM-

City/State Collected: **Tukalo, WA**

Please Circle:
PT MT CT ET

Client Project #

Lab Project #
CHEVARCWA-211556

Site/Facility ID #
101 MULFORD ROAD,

P.O. #

Rush? (Lab MUST Be Notified)

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Quote #

Date Results Needed

STAT

No.
of
Cnts

Analysis / Container / Preservative

Chain of Custody Page 1 of 2



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG #

Table #

Acctnum: **CHEVARCWA**

Template: **T166710**

Prelogin: **P769431**

PM: **110 - Brian Ford**

PB:

Shipped Via:

Remarks Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cnts	BTEX 8260D 40mlAmb-HCl	FF Diss Pb 6020 250mlHDPE HNO3	LF Diss Pb 6020 250mlHDPE NoPres	NWTPHDX no silica 40mlAmb-HCl-BT	NWTPHDX w/ silica 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl								
QA	G	GW		200506		2	X					X								
mw-109	G	GW		200506	1340	11	X	X		X	X	X								
mw-111	G	GW		200506	1150	11	X	X		X	X	X								
mw-112	G	GW		200506	1530	7	X	X		X	X	X								
mw-113	G	GW		200506	11435	7	X	X		X	X	X								
mw-114	G	GW		200506	1245	1	X	X		X	X	X								
B-1	G	GW		200506	0905	7	X	X		X	X	X								
B-2	G	GW		200506	0810	7	X	X		X	X	X								
B-3	G	GW		200506	1055	11	X	X		X	X	X								
B-4	G	GW		200506	1000	11	X	X		X	X	X								

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

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

Samples returned via:
 UPS FedEx Courier

Tracking #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold:

Condition:
NCF / OK



GETTLER-RYAN INC.



TRANSMITTAL

May 12, 2020
G-R #17156773

TO: Ms. Komal Dixit
Arcadis
111 SW Columbia Street, Suite 670
Portland, Oregon 97201

FROM: Deanna L. Harding
Project Manager
Gettler-Ryan Inc.
6805 Sierra Court, Suite G
Dublin, California 94568

RE: **Former Texaco Service Station
#211556/Cowlitz BP
101 Mulford Road
Toledo, Washington
UST Site#10669**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package Treated Purge Water Event of May 5 & 6, 2020

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/211556

STANDARD OPERATING PROCEDURE GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells. Total well depths are measured annually.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work). Purging continues until these parameters stabilize. Purge water is treated by filtering the water through granular activated carbon and is subsequently placed in 55-gallon drums. A grab sample is collected from the effluent prior to placing the water in the drums. This sample will be handled as outlined below. Once the laboratory analytical report is received and the constituents of concern concentrations are confirmed to be below Washington Department of Ecology MTCA Method A Cleanup Levels, the purge water is then discharged to the ground surface at the site.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.



GETTLER-RYAN Inc.

DAILY SAMPLING REPORT

CLIENT /

FACILITY: Chevron #211556
101 Mulford Road
Toledo, WA

JOB #: 17156773

SAMPLER(S): AW

DATE: 5/5-5/6/20 (inclusive)

DESCRIPTION OF WORK PERFORMED

Total # of Wells this Event: 17
Monitor Only: 1
Sampled: 9 (+7 VWT)
Developed: _____
Bailed Product from Wells: _____
Product Transferred To: _____
Total Well Depths Taken: YES / NO

PURGE WATER TRANSFERRED TO:

Total Purged: 11.0 gals _____
Drums At Site: _____ gals _____

PURGING EQUIPMENT

Disposable Bailer: _____
3/8" Stack Pumps: _____
Stainless Steel Bailer: _____
Peristaltic Pump: ✓
QED Bladder Pump: _____
Other: _____

TRAFFIC CONTROL

National Baricade: YES / NO

SAMPLING EQUIPMENT: # OF WELLS USED ON

Disposable Bailer: # _____
Pressure Bailer: # _____
Poly Tubing: ✓
Metal Filters: # 9
Eagle CGI: # _____

OTHER EQUIPMENT

Absorbent Socks (# of): _____
Well Plug (# of): _____ Size: 2"
Size: 3"
Size: 4" / 6"
Bolt(s): _____
Lock(s): _____
Gasket(s): _____

SPECIAL EQUIPMENT: # OF WELLS USED ON

D.O. Meter: 9 > All readings
ORP/Re-Dox Meter: 9
Turbidity Meter: _____
Field Test: _____

Samples dropped at: _____
(Location) (Date)

COMMENTS: TREATED PURGE WATER HOLDING DRUM SAMPLE

5/6
Arrival Time: _____
Departure Time: _____
TRAVEL Time Billed: _____
TOTAL Time Billed: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211556
 Site Address: 101 Mulford Road
 City: Toledo, WA

Job Number: 17156773
 Event Date: 5/5 - 5/6/20 (inclusive)
 Sampler: AW

Well ID: TPWHD-1
 Well Diameter: _____ in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr
 Product Transferred to: _____

Start Time (purge): _____
 Sample Time/Date: 1600 / 5-6-20
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: _____

Weather Conditions: Sunny
 Water Color: Clear Odor: Y RN
 Sediment Description: Clear

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
TPWHD-1	6 x amber voa vial	YES	HCL	PACE	NWTPH-Gx/BTEX(8260)
	2 x amber voa vial	YES	HCL	PACE	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	NP	PACE	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: _____

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____

Arcadis - Chevron - WA

1100 Olive Way
Suite 800
Seattle WA 98101

Report to:
Komal Dixit

Project Description:
211556

Phone: 206-325-5254

Client Project #

Lab Project #
CHEVARCWA-211556

Collected by (print):
ALEX WONG

Site/Facility ID #
101 MULFORD ROAD,

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed
STD TAT

Immediately Packed on Ice N Y X

Pres Chk

Billing Information:

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

Email To:
Komal.Dixit@arcadis.com;environmentDM-

City/State Collected: TOLEDO, WA

Please Circle:
PT MT CT ET

Analysis / Container / Preservative

Chain of Custody Page 2 of 2



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG #

Table #

Acctnum: CHEVARCWA

Template: T166710

Prelogin: P769431

PM: 110 - Brian Ford

PB:

Shipped Via:

Remarks Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 8260D 40mlAmb-HCl	FF Diss Pb 6020 250mlHDPE HNO3	LF Diss Pb 6020 250mlHDPE NoPres	NWTPHDX no silica 40mlAmb-HCl-BT	NWTPHDX w/ silica 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl							
TPWHD-1	G	GW		200506	1600	9	X		X	X	X	X							

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

Remarks:

Samples returned via:
UPS FedEx Courier

Tracking #

pH Temp
Flow Other

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

Relinquished by: (Signature)

Date: 200508 Time: 0900

Received by: (Signature) Pace Nat

Trip Blank Received: Yes / No
HCl / MeOH
TBR

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)

Temp: °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)

Date: Time:

Hold:

Condition:
NCF / OK

ATTACHMENT B

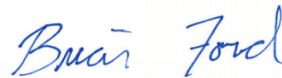
Laboratory Report and Chain-of-Custody Documentation



Arcadis - Chevron - WA

Sample Delivery Group: L1217078
Samples Received: 05/09/2020
Project Number:
Description: 211556
Site: 101 MULFORD ROAD, TOLEDO, WA
Report To: Komal Dixit
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.



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

SAMPLE SUMMARY

QA_200506 L1217078-01 GW

Collected by
Alex Wong
Collected date/time
05/06/20 00:00
Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 00:25	05/17/20 00:25	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 07:15	05/13/20 07:15	TJJ	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

MW-109_200506 L1217078-02 GW

Collected by
Alex Wong
Collected date/time
05/06/20 13:40
Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:00	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 04:33	05/17/20 04:33	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 10:47	05/13/20 10:47	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474458	1	05/12/20 16:14	05/16/20 20:38	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1475077	1	05/12/20 16:14	05/20/20 02:35	JN	Mt. Juliet, TN

MW-111_200506 L1217078-03 GW

Collected by
Alex Wong
Collected date/time
05/06/20 11:50
Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:04	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 06:57	05/17/20 06:57	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1476962	1	05/15/20 23:03	05/15/20 23:03	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1478797	1	05/19/20 22:09	05/20/20 19:29	CAG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1478800	1	05/19/20 22:10	05/20/20 18:37	CAG	Mt. Juliet, TN

MW-112_200506 L1217078-04 GW

Collected by
Alex Wong
Collected date/time
05/06/20 15:30
Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:07	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 04:53	05/17/20 04:53	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 11:10	05/13/20 11:10	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474458	1	05/12/20 16:14	05/16/20 20:59	JN	Mt. Juliet, TN

MW-113_200506 L1217078-05 GW

Collected by
Alex Wong
Collected date/time
05/06/20 14:35
Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:10	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 05:14	05/17/20 05:14	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 11:34	05/13/20 11:34	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474458	1	05/12/20 16:14	05/16/20 21:19	JN	Mt. Juliet, TN

MW-114_200506 L1217078-06 GW

Collected by
Alex Wong
Collected date/time
05/06/20 12:45
Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:14	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 05:35	05/17/20 05:35	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 11:57	05/13/20 11:57	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474458	1	05/12/20 16:14	05/16/20 21:39	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1475077	1	05/12/20 16:14	05/20/20 03:22	JN	Mt. Juliet, TN

SAMPLE SUMMARY



B-1_200506 L1217078-07 GW

Collected by
Alex Wong

Collected date/time
05/06/20 09:05

Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:17	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 05:55	05/17/20 05:55	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 12:21	05/13/20 12:21	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474458	1	05/12/20 16:14	05/16/20 21:59	JN	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

B-2_200506 L1217078-08 GW

Collected by
Alex Wong

Collected date/time
05/06/20 08:10

Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:20	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 06:16	05/17/20 06:16	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 12:44	05/13/20 12:44	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474458	1	05/12/20 16:14	05/16/20 22:19	JN	Mt. Juliet, TN

B-3_200506 L1217078-09 GW

Collected by
Alex Wong

Collected date/time
05/06/20 10:55

Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:31	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477292	1	05/17/20 06:36	05/17/20 06:36	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 13:08	05/13/20 13:08	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474458	1	05/12/20 16:14	05/16/20 22:39	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1475077	1	05/12/20 16:14	05/20/20 02:58	JN	Mt. Juliet, TN

B-4_200506 L1217078-10 GW

Collected by
Alex Wong

Collected date/time
05/06/20 10:00

Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:39	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477675	1	05/18/20 15:19	05/18/20 15:19	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 13:31	05/13/20 13:31	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474453	1	05/13/20 04:29	05/17/20 10:16	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1475079	1	05/13/20 04:29	05/19/20 03:20	TJD	Mt. Juliet, TN

TPWHD-1_200506 L1217078-11 GW

Collected by
Alex Wong

Collected date/time
05/06/20 16:00

Received date/time
05/09/20 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1474259	1	05/12/20 10:46	05/12/20 14:42	JDG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1477675	1	05/18/20 15:39	05/18/20 15:39	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1475001	1	05/13/20 13:55	05/13/20 13:55	TJJ	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG1474453	1	05/13/20 04:29	05/17/20 10:42	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG1478020	1	05/13/20 04:29	05/17/20 10:42	JN	Mt. Juliet, TN



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

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



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	38.7	<u>B</u>	31.6	100	1	05/17/2020 00:25	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	94.5			78.0-120		05/17/2020 00:25	WG1477292

1 Cp

2 Tc

3 Ss

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	05/13/2020 07:15	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 07:15	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 07:15	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 07:15	WG1475001
(S) Toluene-d8	118			80.0-120		05/13/2020 07:15	WG1475001
(S) 4-Bromofluorobenzene	98.4			77.0-126		05/13/2020 07:15	WG1475001
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/13/2020 07:15	WG1475001

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:00	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	51.3	<u>B J</u>	31.6	100	1	05/17/2020 04:33	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	94.3			78.0-120		05/17/2020 04:33	WG1477292

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 10:47	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 10:47	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 10:47	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 10:47	WG1475001
(S) Toluene-d8	115			80.0-120		05/13/2020 10:47	WG1475001
(S) 4-Bromofluorobenzene	101			77.0-126		05/13/2020 10:47	WG1475001
(S) 1,2-Dichloroethane-d4	106			70.0-130		05/13/2020 10:47	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/16/2020 20:38	WG1474458
Residual Range Organics (RRO)	U		83.3	250	1	05/16/2020 20:38	WG1474458
(S) o-Terphenyl	77.4			52.0-156		05/16/2020 20:38	WG1474458

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/20/2020 02:35	WG1475077
Residual Range Organics (RRO)	U		83.3	250	1	05/20/2020 02:35	WG1475077
(S) o-Terphenyl	56.8			52.0-156		05/20/2020 02:35	WG1475077



Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead,Dissolved	10.2		2.49	5.00	1	05/12/2020 14:04	WG1474259

1 Cp

2 Tc

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	37.8	<u>B</u>	31.6	100	1	05/17/2020 06:57	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	92.5			78.0-120		05/17/2020 06:57	WG1477292

3 Ss

4 Cn

5 Sr

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	0.824	<u>J</u>	0.0941	1.00	1	05/15/2020 23:03	WG1476962
Toluene	0.394	<u>J</u>	0.278	1.00	1	05/15/2020 23:03	WG1476962
Ethylbenzene	14.0		0.137	1.00	1	05/15/2020 23:03	WG1476962
Total Xylenes	1.53	<u>J</u>	0.174	3.00	1	05/15/2020 23:03	WG1476962
(S) Toluene-d8	105			80.0-120		05/15/2020 23:03	WG1476962
(S) 4-Bromofluorobenzene	101			77.0-126		05/15/2020 23:03	WG1476962
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/15/2020 23:03	WG1476962

6 Qc

7 Gl

8 Al

9 Sc

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)	1530		66.7	200	1	05/20/2020 19:29	WG1478797
Residual Range Organics (RRO)	1670		83.3	250	1	05/20/2020 19:29	WG1478797
(S) o-Terphenyl	84.7			52.0-156		05/20/2020 19:29	WG1478797

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)	739		66.7	200	1	05/20/2020 18:37	WG1478800
Residual Range Organics (RRO)	1050		83.3	250	1	05/20/2020 18:37	WG1478800
(S) o-Terphenyl	78.9			52.0-156		05/20/2020 18:37	WG1478800

Sample Narrative:

L1217078-03 WG1478800: pH meets requirements to extend holding time



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:07	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	42.6	<u>B</u>	31.6	100	1	05/17/2020 04:53	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	95.6			78.0-120		05/17/2020 04:53	WG1477292

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 11:10	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 11:10	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 11:10	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 11:10	WG1475001
(S) Toluene-d8	114			80.0-120		05/13/2020 11:10	WG1475001
(S) 4-Bromofluorobenzene	97.9			77.0-126		05/13/2020 11:10	WG1475001
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/13/2020 11:10	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/16/2020 20:59	WG1474458
Residual Range Organics (RRO)	U		83.3	250	1	05/16/2020 20:59	WG1474458
(S) o-Terphenyl	79.5			52.0-156		05/16/2020 20:59	WG1474458



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:10	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	05/17/2020 05:14	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	94.0			78.0-120		05/17/2020 05:14	WG1477292

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 11:34	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 11:34	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 11:34	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 11:34	WG1475001
(S) Toluene-d8	117			80.0-120		05/13/2020 11:34	WG1475001
(S) 4-Bromofluorobenzene	100			77.0-126		05/13/2020 11:34	WG1475001
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/13/2020 11:34	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/16/2020 21:19	WG1474458
Residual Range Organics (RRO)	U		83.3	250	1	05/16/2020 21:19	WG1474458
(S) o-Terphenyl	83.7			52.0-156		05/16/2020 21:19	WG1474458



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:14	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	38.2	<u>B J</u>	31.6	100	1	05/17/2020 05:35	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	94.3			78.0-120		05/17/2020 05:35	WG1477292

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 11:57	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 11:57	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 11:57	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 11:57	WG1475001
(S) Toluene-d8	120			80.0-120		05/13/2020 11:57	WG1475001
(S) 4-Bromofluorobenzene	101			77.0-126		05/13/2020 11:57	WG1475001
(S) 1,2-Dichloroethane-d4	104			70.0-130		05/13/2020 11:57	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/16/2020 21:39	WG1474458
Residual Range Organics (RRO)	U		83.3	250	1	05/16/2020 21:39	WG1474458
(S) o-Terphenyl	80.0			52.0-156		05/16/2020 21:39	WG1474458

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/20/2020 03:22	WG1475077
Residual Range Organics (RRO)	U		83.3	250	1	05/20/2020 03:22	WG1475077
(S) o-Terphenyl	64.7			52.0-156		05/20/2020 03:22	WG1475077



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:17	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.9	<u>B J</u>	31.6	100	1	05/17/2020 05:55	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	94.1			78.0-120		05/17/2020 05:55	WG1477292

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 12:21	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 12:21	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 12:21	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 12:21	WG1475001
(S) Toluene-d8	124	<u>J1</u>		80.0-120		05/13/2020 12:21	WG1475001
(S) 4-Bromofluorobenzene	101			77.0-126		05/13/2020 12:21	WG1475001
(S) 1,2-Dichloroethane-d4	106			70.0-130		05/13/2020 12:21	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/16/2020 21:59	WG1474458
Residual Range Organics (RRO)	U		83.3	250	1	05/16/2020 21:59	WG1474458
(S) o-Terphenyl	69.5			52.0-156		05/16/2020 21:59	WG1474458



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:20	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.6	<u>B</u>	31.6	100	1	05/17/2020 06:16	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	94.1			78.0-120		05/17/2020 06:16	WG1477292

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 12:44	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 12:44	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 12:44	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 12:44	WG1475001
(S) Toluene-d8	118			80.0-120		05/13/2020 12:44	WG1475001
(S) 4-Bromofluorobenzene	97.6			77.0-126		05/13/2020 12:44	WG1475001
(S) 1,2-Dichloroethane-d4	107			70.0-130		05/13/2020 12:44	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/16/2020 22:19	WG1474458
Residual Range Organics (RRO)	U		83.3	250	1	05/16/2020 22:19	WG1474458
(S) o-Terphenyl	78.9			52.0-156		05/16/2020 22:19	WG1474458



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:31	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	92.3	<u>B</u>	31.6	100	1	05/17/2020 06:36	WG1477292
(S) a,a,a-Trifluorotoluene(FID)	94.8			78.0-120		05/17/2020 06:36	WG1477292

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 13:08	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 13:08	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 13:08	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 13:08	WG1475001
(S) Toluene-d8	121	<u>J</u>		80.0-120		05/13/2020 13:08	WG1475001
(S) 4-Bromofluorobenzene	99.9			77.0-126		05/13/2020 13:08	WG1475001
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/13/2020 13:08	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	273		66.7	200	1	05/16/2020 22:39	WG1474458
Residual Range Organics (RRO)	104	<u>J</u>	83.3	250	1	05/16/2020 22:39	WG1474458
(S) o-Terphenyl	88.9			52.0-156		05/16/2020 22:39	WG1474458

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	79.5	<u>J</u>	66.7	200	1	05/20/2020 02:58	WG1475077
Residual Range Organics (RRO)	U		83.3	250	1	05/20/2020 02:58	WG1475077
(S) o-Terphenyl	68.9			52.0-156		05/20/2020 02:58	WG1475077



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	9.59		2.49	5.00	1	05/12/2020 14:39	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1800		31.6	100	1	05/18/2020 15:19	WG1477675
(S) a,a,a-Trifluorotoluene(FID)	103			78.0-120		05/18/2020 15:19	WG1477675

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 13:31	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 13:31	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 13:31	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 13:31	WG1475001
(S) Toluene-d8	114			80.0-120		05/13/2020 13:31	WG1475001
(S) 4-Bromofluorobenzene	100			77.0-126		05/13/2020 13:31	WG1475001
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/13/2020 13:31	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	230		66.7	200	1	05/17/2020 10:16	WG1474453
Residual Range Organics (RRO)	106	J	83.3	250	1	05/17/2020 10:16	WG1474453
(S) o-Terphenyl	74.7			52.0-156		05/17/2020 10:16	WG1474453

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	115	J	66.7	200	1	05/19/2020 03:20	WG1475079
Residual Range Organics (RRO)	U		83.3	250	1	05/19/2020 03:20	WG1475079
(S) o-Terphenyl	65.3			52.0-156		05/19/2020 03:20	WG1475079



Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead,Dissolved	U		2.49	5.00	1	05/12/2020 14:42	WG1474259

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	05/18/2020 15:39	WG1477675
(S) a,a,a-Trifluorotoluene(FID)	107			78.0-120		05/18/2020 15:39	WG1477675

3 Ss

4 Cn

5 Sr

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/13/2020 13:55	WG1475001
Toluene	U		0.278	1.00	1	05/13/2020 13:55	WG1475001
Ethylbenzene	U		0.137	1.00	1	05/13/2020 13:55	WG1475001
Total Xylenes	U		0.174	3.00	1	05/13/2020 13:55	WG1475001
(S) Toluene-d8	117			80.0-120		05/13/2020 13:55	WG1475001
(S) 4-Bromofluorobenzene	97.6			77.0-126		05/13/2020 13:55	WG1475001
(S) 1,2-Dichloroethane-d4	106			70.0-130		05/13/2020 13:55	WG1475001

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/17/2020 10:42	WG1474453
Residual Range Organics (RRO)	U		83.3	250	1	05/17/2020 10:42	WG1474453
(S) o-Terphenyl	81.1			52.0-156		05/17/2020 10:42	WG1474453

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	05/17/2020 10:42	WG1478020
Residual Range Organics (RRO)	U		83.3	250	1	05/17/2020 10:42	WG1478020
(S) o-Terphenyl	81.1			52.0-156		05/17/2020 10:42	WG1478020



Method Blank (MB)

(MB) R3527029-1 05/12/20 13:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead,Dissolved	U		2.49	5.00

¹Cp

²Tc

³Ss

Laboratory Control Sample (LCS)

(LCS) R3527029-2 05/12/20 13:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead,Dissolved	50.0	46.8	93.6	80.0-120	

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3528760-2 05/16/20 23:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	45.6	↓	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	94.0			78.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3528760-1 05/16/20 22:57

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5230	95.1	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			108	78.0-120	



Method Blank (MB)

(MB) R3529058-2 05/18/20 08:34

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)	109			78.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3529058-1 05/18/20 07:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5010	91.1	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			94.5	78.0-120	



Method Blank (MB)

(MB) R3528460-2 05/13/20 06:09

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
<i>(S) Toluene-d8</i>	116			80.0-120
<i>(S) 4-Bromofluorobenzene</i>	96.9			77.0-126
<i>(S) 1,2-Dichloroethane-d4</i>	105			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3528460-1 05/13/20 05:22

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.19	104	70.0-123	
Ethylbenzene	5.00	5.48	110	79.0-123	
Toluene	5.00	5.18	104	79.0-120	
Xylenes, Total	15.0	15.4	103	79.0-123	
<i>(S) Toluene-d8</i>			111	80.0-120	
<i>(S) 4-Bromofluorobenzene</i>			99.2	77.0-126	
<i>(S) 1,2-Dichloroethane-d4</i>			103	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3528580-2 05/15/20 19:36

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
<i>(S) Toluene-d8</i>	109			80.0-120
<i>(S) 4-Bromofluorobenzene</i>	101			77.0-126
<i>(S) 1,2-Dichloroethane-d4</i>	104			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3528580-1 05/15/20 18:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.23	105	70.0-123	
Ethylbenzene	5.00	5.50	110	79.0-123	
Toluene	5.00	5.45	109	79.0-120	
Xylenes, Total	15.0	16.7	111	79.0-123	
<i>(S) Toluene-d8</i>			107	80.0-120	
<i>(S) 4-Bromofluorobenzene</i>			101	77.0-126	
<i>(S) 1,2-Dichloroethane-d4</i>			108	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3528742-1 05/16/20 23:12

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
<i>(S) o-Terphenyl</i>	80.5			52.0-156

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

(LCS) R3528742-2 05/16/20 23:38 • (LCSD) R3528742-3 05/17/20 00:03

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	1620	105	108	50.0-150			2.50	20
<i>(S) o-Terphenyl</i>				89.0	85.0	52.0-156				

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



Method Blank (MB)

(MB) R3529124-1 05/16/20 15:36

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
<i>(S) o-Terphenyl</i>	79.0			52.0-156

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

(LCS) R3529124-2 05/16/20 15:56 • (LCSD) R3529124-3 05/16/20 16:17

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	1530	1510	102	101	50.0-150			1.32	20
<i>(S) o-Terphenyl</i>				109	110	52.0-156				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3530170-1 05/20/20 17:20

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
<i>(S) o-Terphenyl</i>	82.0			52.0-156

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

(LCS) R3530170-2 05/20/20 17:46 • (LCSD) R3530170-3 05/20/20 18:12

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	1260	1370	84.0	91.3	50.0-150			8.37	20
<i>(S) o-Terphenyl</i>				85.5	88.5	52.0-156				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3529980-1 05/20/20 00:38

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
<i>(S) o-Terphenyl</i>	67.5			52.0-156

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

(LCS) R3529980-2 05/20/20 01:01 • (LCSD) R3529980-3 05/20/20 01:25

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	1450	1430	96.7	95.3	50.0-150			1.39	20
<i>(S) o-Terphenyl</i>				87.0	85.5	52.0-156				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3529488-1 05/19/20 02:10

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
<i>(S) o-Terphenyl</i>	60.5			52.0-156

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

(LCS) R3529488-2 05/19/20 02:33 • (LCSD) R3529488-3 05/19/20 02:57

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	1240	1320	82.7	88.0	50.0-150			6.25	20
<i>(S) o-Terphenyl</i>				72.5	77.5	52.0-156				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3529087-1 05/16/20 23:12

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
<i>(S) o-Terphenyl</i>	80.5			52.0-156

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

(LCS) R3529087-2 05/16/20 23:38 • (LCSD) R3529087-3 05/17/20 00:03

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	1580	1620	105	108	50.0-150			2.50	20
<i>(S) o-Terphenyl</i>				89.0	85.0	52.0-156				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3530171-1 05/20/20 16:02

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
<i>(S) o-Terphenyl</i>	72.5			52.0-156

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

(LCS) R3530171-2 05/20/20 16:28 • (LCSD) R3530171-3 05/20/20 16:54

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	1080	1220	72.0	81.3	50.0-150			12.2	20
<i>(S) o-Terphenyl</i>				72.5	79.0	52.0-156				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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.
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.

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

Qualifier	Description
B	The same analyte is found in the associated blank.
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.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	n/a
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}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

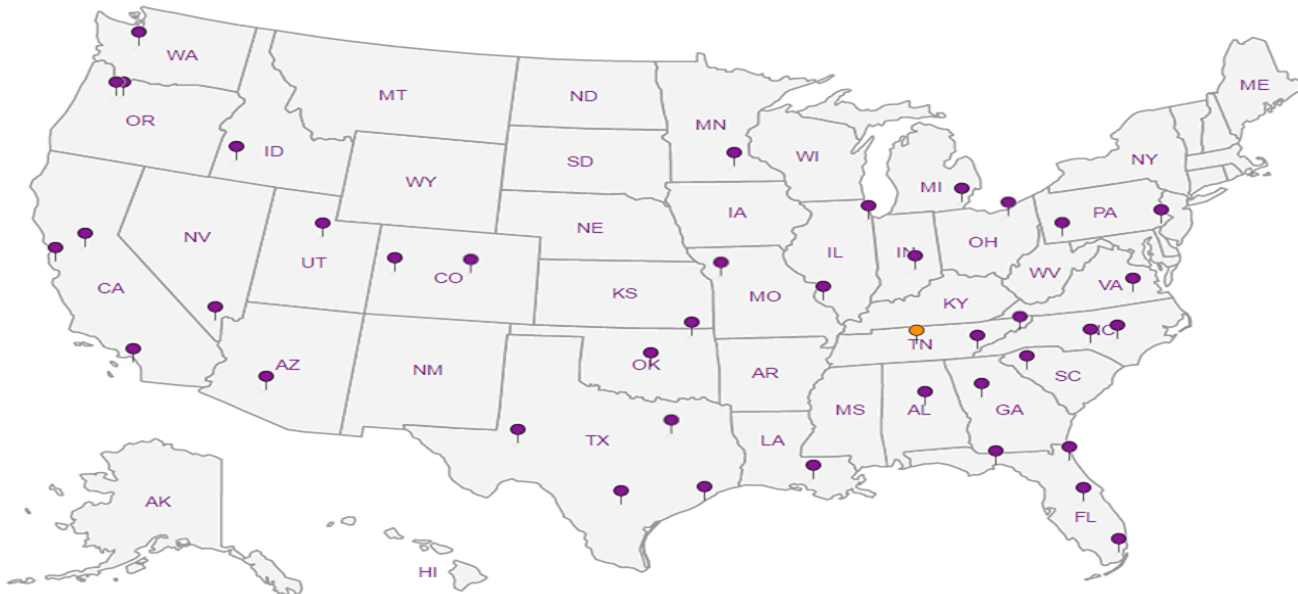
Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Report to:
 Komal Dixit

Email To:
 Komal.Dixit@arcadis.com;environmentDM-

Project Description:
 211556

City/State Collected: **Toledo, WA**

Please Circle:
 PT MT CT ET

Phone: 206-325-5254

Client Project #

Lab Project #
CHEVARCWA-211556

Collected by (print):
ALEX WONG

Site/Facility ID #
 101 MULFORD ROAD,

P.O. #

Collected by (signature):

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

Quote #
 Date Results Needed
STD TAT

Immediately Packed on Ice N ___ Y **X**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Contrs	BTEX 8260D 40mlAmb-HCl	FF Diss Pb 6020 250mlHDPE HNO3	LF Diss Pb 6020 250mlHDPE NoPres	NWTPHDX no silica 40mlAmb-HCl-BT	NWTPHDX w/ silica 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl
QA	G	GW		200506		2	X					X
mw-109	G	GW		200506	1340	11	X	X		X	X	X
mw-111	G	GW		200506	1150	11	X	X		X	X	X
mw-112	G	GW		200506	1530	9	X	X		X	X	X
mw-113	G	GW		200506	1435	9	X	X		X	X	X
mw-114	G	GW		200506	1245	11	X	X		X	X	X
B-1	G	GW		200506	0905	9	X	X		X	X	X
B-2	G	GW		200506	0810	9	X	X		X	X	X
B-3	G	GW		200506	1055	11	X	X		X	X	X
B-4	G	GW		200506	1000	11	X	X		X	X	X

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

Remarks:
 Samples returned via: ___ UPS ___ FedEx ___ Courier
 Tracking #

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

Relinquished by: (Signature)

Date: 200508
 Time: 0900

Received by: (Signature)

Trip Blank Received: Yes ___ No **X**
 HCl/ MeOH
 TBR

Relinquished by: (Signature)

Date: 5/8/20
 Time: 1600

Received by: (Signature)

Temp **7.6** °C Bottles Received: 102
 10-2-8

Relinquished by: (Signature)

Date: 5-9-20
 Time: 0815

Received for lab by: (Signature)

Hold:

Condition: NCF **1 OK**

Analysis / Container / Preservative
12
BTEX 8260D 40mlAmb-HCl
FF Diss Pb 6020 250mlHDPE HNO3
LF Diss Pb 6020 250mlHDPE NoPres
NWTPHDX no silica 40mlAmb-HCl-BT
NWTPHDX w/ silica 40mlAmb-HCl-BT
NWTPHGX 40mlAmb HCl

Chain of Custody Page 1 of 2

12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859

SDG # **L1217678**
D129

Acctnum: CHEVARCWA
 Template: T166710
 Prelogin: P769431
 PM: 110 - Brian Ford
 PB:

Shipped Via:

Remarks	Sample # (lab only)
	-01
	02
	03
	04
	05
	06
	07
	08
	09
	10

