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ENVIRONMENT

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

Subject:
Semi-Annual Status Report, Second Half 2019

Date:
January 10, 2020

Contact:
Komal Dixit

Phone:
503.765.9525

Email:
Komal.Dixit
@arcadis.com

Our ref:
30010085

Dear Mr. Teel,

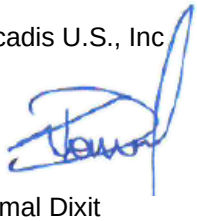
On behalf of Chevron Environmental Management Company's (CEMC) affiliate, Arcadis has prepared the attached *Semi-Annual Status Report, Second Half 2019* for the following facility:

Former Texaco Service Station No.	**Case No.**	**Location**
211556	2050090	101 Mulford Road Toledo, Washington

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

Sincerely,

Arcadis U.S., Inc



Komal Dixit
Project Manager

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

ARCADIS Design & Consultancy for natural and built assets

SEMI-ANNUAL STATUS REPORT

Second Half 2019
January 10, 2020

Facility No:	Former Texaco Service Station No.211556	Address:	101 Mulford Road, Toledo, Washington

Arcadis Contact Person / Phone No.:	Komal Dixit/ (503) 765-9525
Arcadis Project No.:	30010085
Primary Agency/Regulatory ID No.:	Washington State Department of Ecology Southwest Regional Office, Toxics Cleanup Program Steve Teel / Agreed Order No. DE5236

WORK CONDUCTED THIS PERIOD [Second Half 2019]:

1. Conducted semi-annual groundwater monitoring and sampling activities on November 3, 2019.
2. Submitted *Monitoring Well Decommissioning Report* on December 10, 2019.
3. Prepared the *Semi-Annual Status Report, Second Half 2019*.

WORK PROPOSED NEXT PERIOD [First Half 2020]:

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

Current Phase of Project:	Monitoring	
Frequency of Monitoring / Sampling:	Semi-Annual (Q2/Q4)	
Are Light Non-Aqueous Phase Liquid (LNAPL) Present On-site:	None	
Cumulative LNAPL Recovered to Date:	None	(gallons)
Depth to Groundwater:	6.80 to 9.15	(feet below top of casing)
Groundwater Elevation:	99.06 to 100.33	(feet above NAVD88)
Groundwater Flow Direction	Southeast	

Groundwater Gradient	0.0023	(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 November 3, 2019. Seventeen (17) monitoring wells were gauged and nine (9) monitoring wells were purged and sampled by G-R representatives. The groundwater monitoring field data sheets and general procedures are included as Attachment A.

Groundwater samples were submitted to Eurofins Lancaster Laboratories Environmental in Lancaster, Pennsylvania under standard chain-of-custody protocol. Current groundwater gauging and analytical data obtained by G-R are summarized in Table 1. Historical groundwater gauging and analytical results are presented 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 (TPW HD-1) was collected and submitted for analyses by: Northwest Total Petroleum Hydrocarbons - Gasoline Range Organics (GRO; NWTPH-Gx), Northwest Total Petroleum Hydrocarbons - Diesel Range Organics (DRO; NWTPH-Dx) with and without silica gel cleanup, benzene, toluene, ethylbenzene, xylene (BTEX) by Method 8260 and dissolved lead. 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 southwest, and the calculated gradient of 0.0023 feet per foot (feet/foot) was generally consistent with previous monitoring events depicted on the rose diagram in Figure 3. The groundwater elevation contour map is presented on Figure 3.

DRO was observed in MW-111 [2,100 microgram per liter (µg/L)] and B-3 (1,400 µg/L) above the Model Toxics Control Act (MTCA), Method A Cleanup Level (CUL) of 500 µg/L. Lower concentration results for

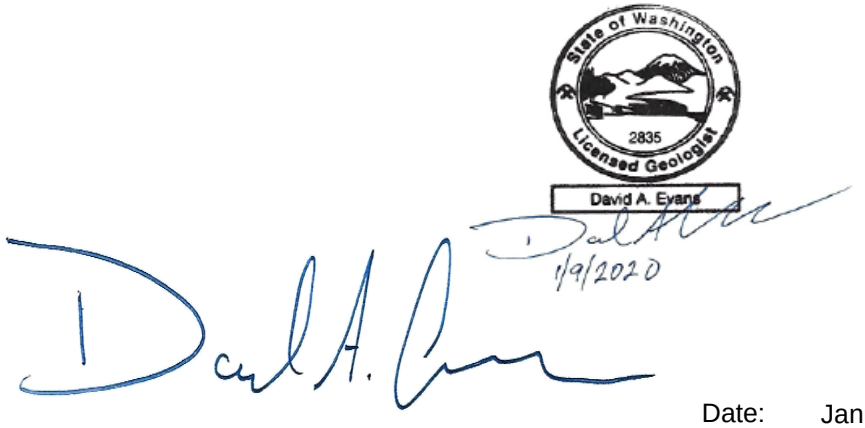
DRO were reported following the silica gel cleanup (SGC) indicating some of the reported DRO is due to polar non-hydrocarbons. Heavy Oil Range Organics (HO) was detected in MW-111 (970 µg/L) and MW-114 (670 µg/L) above the MTCA Method A CUL of 500 µg/L. Lower concentration results for HO were reported following the SGC indicating some of the reported HO is due to polar non-hydrocarbons. GRO was observed in MW-111, B-3 and B-4 above MTCA Method A CUL.

The concentrations were either not detected or detected below MTCA Method A CULs in the other sampled monitoring wells. 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**.**

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

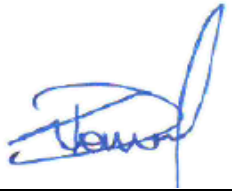
LIMITATIONS

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



Date: January 10, 2020

David A. Evans, WA L.G. (2835)
Professional Geologist



Date: January 10, 2020

Komal Dixit
Project Manager

ATTACHMENTS:

Table 1	Current Groundwater Gauging Data and Analytical Results, November 3, 2019
Table 2	Historical Groundwater Gauging Data and Analytical Results
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Contours, November 3, 2019
Figure 4	Groundwater Analytical, November 3, 2019
Attachment A	Field Data Sheets and General Procedures
Attachment B	Laboratory Report and Chain-of-Custody Documentation

TABLES

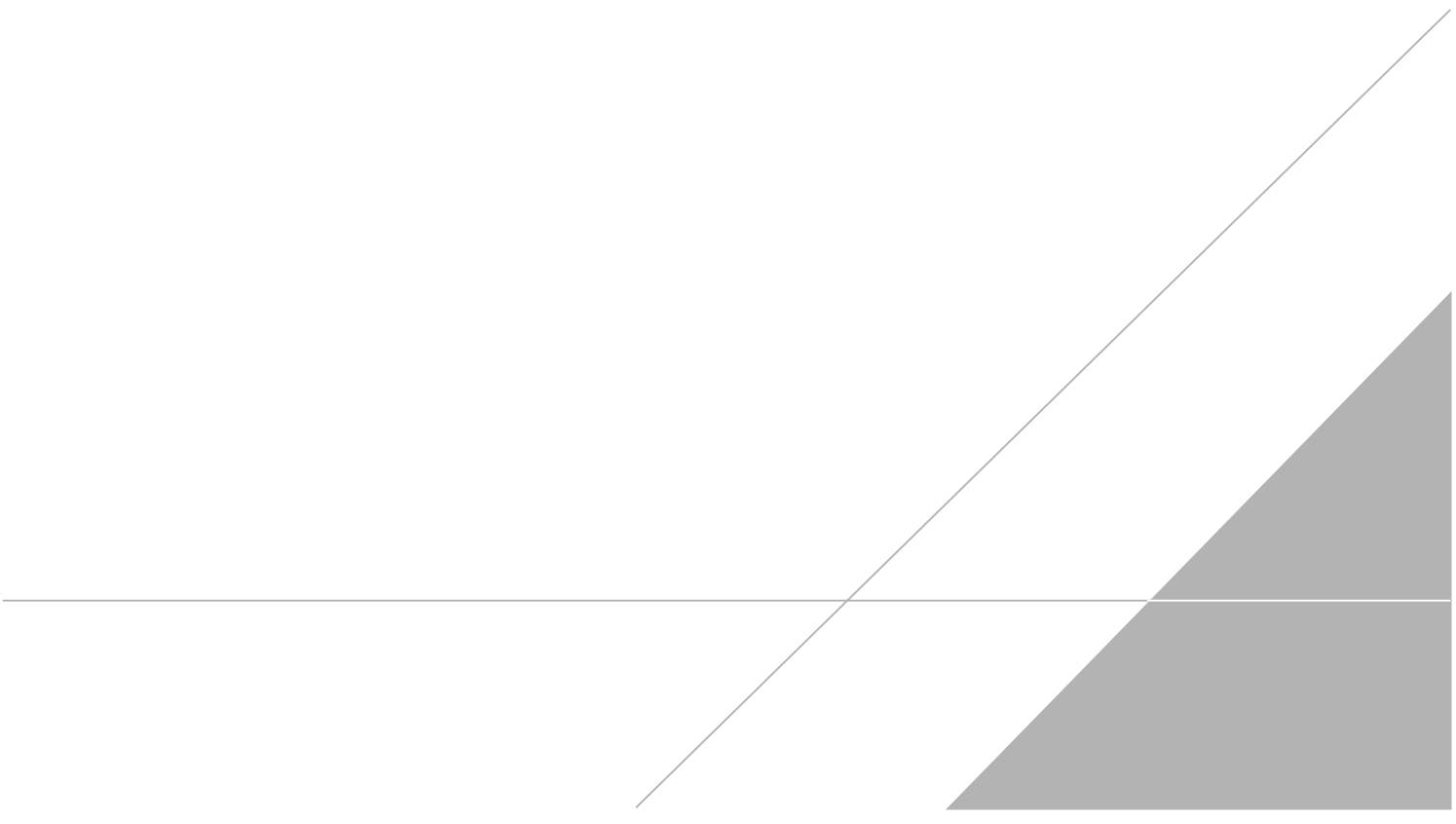


Table 1
Current Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington

All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Standard								**--**	**--**	**50**	**0.5**	**0.5**	**0.5**	**1.0**	**0.5**	**0.5**
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-103	11/3/2019	--	107.81	8.55	--	0.00	99.26	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-109	11/3/2019	--	107.35	7.49	--	0.00	99.86	<30/41 J	<68/95 J	<19	<0.2	<0.2	<0.4	<1	--	**29.4**
MW-110	11/3/2019	--	108.89	9.15	--	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-111	11/3/2019	--	107.12	7.31	--	0.00	99.81	250/**2,100**	400/**970**	**4,500**	1	0.3 J	20	2 J	--	**49.4**
MW-112	11/3/2019	--	107.58	7.82	--	0.00	99.76	60 J	<68	38 J	<0.2	<0.2	<0.4	<1	--	0.25 J
MW-113	11/3/2019	--	108.44	8.65	--	0.00	99.79	100	<66	<19	<0.2	<0.2	<0.4	<1	--	0.25 J
MW-114	11/3/2019	--	106.89	6.80	--	0.00	100.09	<30/110	310/**670**	<19	<0.2	<0.2	<0.4	<1	--	0.21 J
MW-115	11/3/2019	--	107.94	8.20	--	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	11/3/2019	--	107.56	8.48	--	0.00	99.08	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	11/3/2019	--	106.57	7.09	--	0.00	99.48	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	11/3/2019	--	106.72	7.66	--	0.00	99.06	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	11/3/2019	--	108.35	8.34	--	0.00	100.01	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	11/3/2019	--	107.11	7.50	--	0.00	99.61	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
B-1	11/3/2019	--	107.74	7.45	--	0.00	100.29	<29	<66	<19	<0.2	<0.2	<0.4	<1	--	0.30 J
B-2	11/3/2019	--	108.99	8.66	--	0.00	100.33	67 J	<66	<19	<0.2	<0.2	<0.4	<1	--	1.2
B-3	11/3/2019	--	108.46	8.25	--	0.00	100.21	90 J/**1,400**	<67/84 J	**1,500**	0.2 J	0.3 J	8	<1	--	8.2
B-4	11/3/2019	--	107.68	7.51	--	0.00	100.17	120/290	270/410	**1,500**	<0.2	<0.2	0.4 J	<1	--	**36.3**

Notes:

ID = Identification
TOC = Top of casing
DTW = Depth to water in feet below TOC
DTP = Depth to product in feet below TOC
LNAPL = Light Non-aqueous phase liquid thickness in feet
TOC, DTW, DTP, GWE are measured in feet (ft).
GWE = Groundwater elevation in feet NAVD 88
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
HO = Heavy Oil Range Organics
MTBE = Methyl tertiary butyl ether
Dissolved Lead
-- = Not analyzed/not applicable
< = Analytical result is less than the method detection limit
J = Analytical result is estimated
DRO and HO analyzed by NWTPH-Dx Extended method
GRO analyzed by NWTPH-Gx method;
Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by U.S. Environmental Protection Agency (USEPA) 8260C
Dissolved Lead by USEPA 6020.

1 Analytical results in bold font indicate concentrations exceed MTCA Method A cleanup levels.
2 TOC elevations have been surveyed in feet relative to the 1988 North American Vertical Datum.
3 TPH-DRO and TPH-HRO results with multiple values are reported as follows: with silica gel cleanup/without silica gel cleanup. TPH-DRO and TPH-HRO analyses for monitoring completed between October 2004 and May 2013 was performed with silica gel cleanup. The use of silica gel cleanup for samples collected prior to October 2004 has not been confirmed.

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-103	2/14/91	--	107.81	8.08	--	--	99.73	--	--	--	--	--	--	--	--	--
MW-103	2/18/92	--	107.81	8.08	--	--	99.73	--	--	--	--	--	--	--	--	--
MW-103	3/9/92	--	107.81	7.80	--	--	100.01	--	<50	--	--	--	--	--	--	--
MW-103	3/13/92	--	107.81	8.08	--	--	99.73	<250	<250	<50	--	--	--	--	--	--
MW-103	4/21/92	--	107.81	7.78	--	--	100.03	--	--	<50	--	--	--	--	--	--
MW-103	3/3/94	--	107.81	--	--	--	--	<250	<250	<50	<13	--	--	--	--	--
MW-103	6/13/95	--	107.81	8.55	--	--	99.26	<250	<250	<50	--	--	--	--	--	<3.0
MW-103	8/22/95	--	107.81	--	--	--	--	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	8/23/95	--	107.81	8.91	--	--	98.90	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	11/28/95	--	107.81	7.30	--	--	100.51	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	3/12/96	--	107.81	8.03	--	--	99.78	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	6/26/96	--	107.81	8.67	--	--	99.14	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	10/9/96	--	107.81	8.82	--	--	98.99	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	2/12/97	--	107.81	7.81	--	--	100.00	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	4/22/97	--	107.81	7.42	--	--	100.39	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	8/5/97	--	107.81	8.83	--	--	98.98	257	110	257	--	--	--	--	--	<2.0
MW-103	11/11/97	--	107.81	9.01	--	--	98.80	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	2/11/98	--	107.81	8.03	--	--	99.78	<250	<250	<50	--	--	--	--	--	<2.0
MW-103	5/28/98	--	107.81	8.17	--	--	99.64	<250	<250	<50	--	--	--	--	--	2.84
MW-103	8/20/98	--	107.81	9.21	--	--	98.60	<250	<250	<50	--	--	--	--	--	<1.0
MW-103	11/19/98	--	107.81	9.03	--	--	98.78	<250	<250	<50	--	--	--	--	--	<1.0
MW-103	3/11/99	--	107.81	7.51	--	--	100.30	<250	<250	<50	--	--	--	--	--	<1.0
MW-103	5/25/99	--	107.81	8.51	--	--	99.30	<250	<250	<50	--	--	--	--	--	--
MW-103	8/17/99	--	107.81	8.93	--	--	98.88	<250	<250	<50	--	--	--	--	--	<1.0
MW-103	11/19/99	--	107.81	7.18	--	--	100.63	<250	<250	<80	--	--	--	--	--	<1.0
MW-103	3/9/00	--	107.81	7.48	--	--	100.33	<250	<250	<80	--	--	--	--	--	<1.0
MW-103	6/13/00	--	107.81	8.29	--	--	99.52	<250	<250	<80	--	--	--	--	--	<1.0
MW-103	9/26/00	--	107.81	9.05	--	--	98.76	<250	<250	--	--	--	--	--	--	<1.0
MW-103	12/13/00	--	107.81	8.65	--	--	99.16	<250	<250	--	--	--	--	--	--	<1.0
MW-103	2/28/01	--	107.81	8.34	--	--	99.47	<250	<250	89	--	--	--	--	--	<1.0
MW-103	5/2/01	--	107.81	8.12	--	--	99.69	<250	<250	214	--	--	--	--	--	<1.0
MW-103	10/30/02	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	1/23/03	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	4/18/03	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	7/11/03	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	10/31/03	--	107.81	UNABLE TO LOCATE - COVERED BY SOIL					--	--	--	--	--	--	--	--
MW-103	12/30/03	--	107.81	7.32	--	0.00	100.49	<50	<85	<110	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-103	5/3/04	--	107.81	UNABLE TO LOCATE - COVERED BY SOIL					--	--	--	--	--	--	--	--
MW-103	7/20/04	--	107.81	9.09	--	0.00	98.72	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
MW-103	10/7/04	--	107.81	8.66	--	0.00	99.15	<160	<50	--	--	--	--	--	--	--
MW-103	1/27/05	--	107.81	7.95	--	0.00	99.86	<83	<83	<48	--	--	--	--	--	--
MW-103	4/12/05	--	107.81	7.65	--	0.00	100.16	<78	<78	<48	--	--	--	--	--	--

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-103	7/18/05	--	107.81	8.76	--	0.00	99.05	<79	<79	<48	--	--	--	--	--	--
MW-103	10/21/05	--	107.81	8.87	--	0.00	98.94	<79	<79	<48	--	--	--	--	--	--
MW-103	9/5/07	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	5/27-28/08	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	8/27-29/08	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	11/17-19/08	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	2/16-18/09	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	5/4-6/09	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	8/19-21/09	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	11/18-20/09	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	2/8-10/10	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	5/12-13/10	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	8/12/10	LFP	107.81	8.90	--	0.00	98.91	30	120	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-103	11/3-4/10	--	107.81	7.69	--	0.00	100.12	<29	91	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-103	2/3-4/11	LFP	107.81	7.99	--	0.00	99.82	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-103	5/24/11	LFP	107.81	8.25	--	0.00	99.56	30	340	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-103	8/23-24/11	--	107.81	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-103	11/7-9/11	LFP	107.81	8.90	--	0.00	98.91	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-103	2/6-8/12	LFP	107.81	7.80	--	0.00	100.01	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-103	5/2-4/12	LFP	107.81	8.05	--	0.00	99.76	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.083
MW-103	8/1-3/12	LFP	107.81	8.95	--	0.00	98.86	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.088
MW-103	11/26-28/12	LFP	107.81	7.36	--	0.00	100.45	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-103	2/4-6/13	LFP	107.81	7.85	--	0.00	99.96	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.087
MW-103	5/6-8//13	LFP	107.81	8.60	--	0.00	99.21	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-103	9/9-13/13	LFP	107.81	8.55	--	0.00	99.26	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-103	11/18-21/13	LFP	107.81	7.62	--	0.00	100.19	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.21
MW-103	2/4-11/14	LFP	107.81	8.36	--	0.00	99.45	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-103	6/12-14/14	--	107.81		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-103	8/18-21/14	LFP	107.81	6.81	--	0.00	101.00	<29/<29	<68/<68	62	<0.5	<0.5	<0.5	<0.5	<0.5	0.18
MW-103	11/19-20/14	LFP	107.81	8.41	--	0.00	99.40	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-103	2/17-20/15	LFP	107.81	7.83	--	0.00	99.98	<29/<29	<69/<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-103	5/11-15/15	LFP	107.81	8.77	--	0.00	99.04	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-103	8/10-11/15	LFP	107.81	9.35	--	0.00	98.46	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-103	11/16-18/15	LFP	107.81	6.67	--	0.00	101.14	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00
MW-103	5/13-14/16	LFP	107.81	8.60	--	0.00	99.21	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/14/16	LFP	107.81	7.83	--	0.00	99.98	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	5/14/17	LFP	107.81	7.87	--	0.00	99.94	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/11-12/17	LFP	107.81	7.93	--	0.00	99.88	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	5/11/18	LFP	107.81	8.56	--	0.00	99.25	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/11-12/18	LFP	107.81	8.91	--	0.00	98.90	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	4/27/2019	LFP	107.81	8.29	--	0.00	99.52	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-103	11/3/2019	LFP	107.81	8.55	--	0.00	99.26	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-109	3/13/92	--	107.35	7.72	--	0.00	99.63	--	--	<50	--	--	--	--	--	--
MW-109	4/21/92	--	107.35	7.42	--	0.00	99.93	--	--	--	--	--	--	--	--	--
MW-109	3/3/94	--	107.35	--	--	0.00	--	**900**	**1,500**	**4,900**	--	--	--	--	--	--
MW-109	8/22/95	--	107.35	8.57	--	0.00	98.78	**2,900**	**2,400**	<50	--	--	--	--	--	--
MW-109	11/28/95	--	107.35	5.87	--	0.00	101.48	480	**1,900**	72	--	--	--	--	--	<2.0
MW-109	3/12/96	--	107.35	7.16	--	0.00	100.19	<250	<750	<50	--	--	--	--	--	<2.0
MW-109	6/26/96	--	107.35	8.24	--	0.00	99.11	**554**	<750	<50	--	--	--	--	--	<2.0
MW-109	10/9/96	--	107.35	8.54	--	0.00	98.81	405	<750	<50	--	--	--	--	--	<2.0
MW-109	2/12/97	--	107.35	5.82	--	0.00	101.53	393	**1,290**	<50	--	--	--	--	--	<2.0
MW-109	4/22/97	--	107.35	7.10	--	0.00	100.25	356	**1,270**	<50	--	--	--	--	--	<2.0
MW-109	8/5/97	--	107.35	8.81	--	0.00	98.54	**560**	**1,690**	<50	--	--	--	--	--	<2.0
MW-109	11/11/97	--	107.35	7.57	--	0.00	99.78	269	**780**	<50	--	--	--	--	--	<2.0
MW-109	2/11/98	--	107.35	6.20	--	0.00	101.15	387	**1,700**	<50	--	--	--	--	--	<2.0
MW-109	5/28/98	--	107.35	7.62	--	0.00	99.73	332	**920**	<50	--	--	--	--	--	2.25
MW-109	8/20/98	--	107.35	9.00	--	0.00	98.35	**520**	**1,450**	<50	--	--	--	--	--	<1.0
MW-109	11/19/98	--	107.35	8.21	--	0.00	99.14	409	**1,130**	<50	--	--	--	--	--	<1.3
MW-109	3/11/99	--	107.35	6.94	--	0.00	100.41	**539**	**2,000**	<80	--	--	--	--	--	<1.0
MW-109	5/25/99	--	107.35	8.13	--	0.00	99.22	**916**	--	<80	--	--	--	--	--	--
MW-109	8/17/99	--	107.35	8.66	--	0.00	98.69	**1,520**	**7,770**	<80	--	--	--	--	--	<1.0
MW-109	11/19/99	--	107.35	6.65	--	0.00	100.70	<250	--	<80	--	--	--	--	--	<1.0
MW-109	3/9/00	--	107.35	5.67	--	0.00	101.68	<250	<500	<80	--	--	--	--	--	<1.0
MW-109	6/13/00	--	107.35	6.65	--	0.00	100.70	<250	<500	<80	--	--	--	--	--	<1.0
MW-109	9/26/00	--	107.35	8.36	--	0.00	98.99	<250	<500	--	--	--	--	--	--	<1.0
MW-109	12/13/00	--	107.35	7.72	--	0.00	99.63	<250	<500	--	--	--	--	--	--	<1.0
MW-109	2/28/01	--	107.35	7.44	--	0.00	99.91	<250	<500	<80	--	--	--	--	--	<1.0
MW-109	5/2/01	--	107.35	9.50	--	0.00	97.85	<250	<500	<80	--	--	--	--	--	<1.0
MW-109	10/30/02	--	107.35	8.69	--	0.00	98.66	<250	<500	<80	<0.500	<0.500	<0.500	<1.0	--	6.44
MW-109	1/23/03	--	107.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-109	4/18/03	--	107.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-109	7/11/03	--	107.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-109	10/31/03	--	107.35	7.63	--	0.00	99.72	<250	<500	<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-109	12/31/03	--	107.35	6.42	--	0.00	100.93	<50	440	**2,300**	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-109	5/3/04	--	107.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-109	7/20/04	--	107.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-109	10/6/04	--	107.35	7.71	--	0.00	99.64	<81	110	<50	--	--	--	--	--	--
MW-109	10/24/05	--	107.35	7.93	--	0.00	99.42	<81	<100	<48	--	--	--	--	--	--
MW-109	9/5/07	--	107.35	8.45	--	0.00	98.90	<79	240	91	--	--	--	--	--	0.15
MW-109	5/27-28/08	--	107.35	7.86	--	0.00	99.49	<79	<98	<50	<0.5	0.6	<0.5	<0.5	<0.5	<0.050
MW-109	8/27-29/08	LFP	107.35	7.92	--	0.00	99.43	<79	<99	<50	<5	<5	<5	<5	<5	<0.050
MW-109	11/17-19/08	LFP	107.35	6.60	--	0.00	100.75	35	110	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	2/16-18/09	LFP	107.35	7.59	--	0.00	99.76	53	130	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.093

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-109	5/4-6/09	LFP	107.35	7.09	--	0.00	100.26	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	8/19-21/09	LFP	107.35	8.35	--	0.00	99.00	49	290	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-109	11/18-20/09	LFP	107.35	5.74	--	0.00	101.61	98	340	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-109	2/8-10/10	LFP	107.35	7.04	--	0.00	100.31	31	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	5/12-13/10	LFP	107.35	7.41	--	0.00	99.94	60	270	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	8/11/10	LFP	107.35	8.90	--	0.00	98.45	34	300	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.1
MW-109	11/3-4/10	LFP	107.35	6.37	--	0.00	100.98	65	430	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-109	2/3-4/11	LFP	107.35	7.12	--	0.00	100.23	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-109	5/23/11	LFP	107.35	7.26	--	0.00	100.09	47	**520**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-109	8/23-24/11	LFP	107.35	8.35	--	0.00	99.00	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-109	11/7-9/11	LFP	107.35	8.00	--	0.00	99.35	<300	**890**	84	<0.5	<0.5	0.6	<0.5	<0.5	0.19
MW-109	2/6-8/12	LFP	107.35	6.85	--	0.00	100.50	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-109	5/2-4/12	LFP	107.35	6.90	--	0.00	100.45	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-109	8/1-3/12	LFP	107.35	8.13	--	0.00	99.22	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
MW-109	11/26-28/12	LFP	107.35	6.42	--	0.00	100.93	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-109	2/4-6/13	LFP	107.35	6.95	--	0.00	100.40	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-109	5/6-8/13	LFP	107.35	7.35	--	0.00	100.00	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-109	9/9-13/13	LFP	107.35	7.34	--	0.00	100.01	<31/<31	<72/<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.62
MW-109	11/18-22/13	LFP	107.35	8.12	--	0.00	99.23	<29/68	<67/170	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-109	2/4-11/14	LFP	107.35	7.33	--	0.00	100.02	<30/<30	<70/<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-109	6/12-14/14	LFP	107.35	7.31	--	0.00	100.04	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-8
MW-109	8/18-21/14	LFP	107.35	9.93	--	0.00	97.42	INSUFFICIENT WATER								
MW-109	11/19-20/14	LFP	107.35	7.38	--	0.00	99.97	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-109	2/17-20/15	LFP	107.35	6.91	--	0.00	100.44	<30/<30	<69/<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-109	5/11-15/15	LFP	107.35	7.29	--	0.00	100.06	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-109	8/10-11/15	LFP	107.35	8.62	--	0.00	98.73	<29/130	210/**640**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**136**
MW-109	11/16-18/15	LFP	107.35	5.34	--	0.00	102.01	<28/36	<66/97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0028
MW-109	5/13-14/16	LFP	107.35	7.76	--	0.00	99.59	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
MW-109	11/14/16	LFP	107.35	6.40	--	0.00	100.95	<28/77	<65/65	<50	<0.5	<0.5	<0.5	<0.5	--	0.55
MW-109	5/14/17	LFP	107.35	6.70	--	0.00	100.65	<28/45	<66/260	<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
MW-109	11/11-12/17	LFP	107.35	6.61	--	0.00	100.74	<30/<30	<70/<70	<50	<0.5	<0.5	<0.5	<0.5	--	0.40
MW-109	5/11/18	LFP	107.35	7.38	--	0.00	99.97	31/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
MW-109	11/11-12/18	LFP	107.35	7.47	--	0.00	99.88	<28/40	96/260	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-109	4/27/2019	LFP	107.35	7.28	--	0.00	100.07	<30/97	<67/<67	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-109	11/3/2019	LFP	107.35	7.49	--	0.00	99.86	<30/41 J	<68/95 J	<19	<0.2	<0.2	<0.4	<1	--	**29.4**
MW-110	8/22/95	--	108.89	9.62	--	0.00	99.27	400	<750	**11,000**	--	--	--	--	--	--
MW-110	11/28/95	--	108.89	8.08	--	0.00	100.81	**540**	<750	**6,000**	--	--	--	--	--	14
MW-110	3/12/96	--	108.89	8.74	--	0.00	100.15	340	<750	**3,600**	--	--	--	--	--	14
MW-110	6/26/96	--	108.89	9.41	--	0.00	99.48	274	<750	**2,750**	--	--	--	--	--	8.14
MW-110	10/9/96	--	108.89	9.67	--	0.00	99.22	<250	<750	**1,160**	--	--	--	--	--	5.96
MW-110	2/12/97	--	108.89	8.42	--	0.00	100.47	393	<750	**1,830**	--	--	--	--	--	11.7

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-110	4/22/97	--	108.89	8.18	--	0.00	100.71	371	<750	**1,950**	--	--	--	--	--	7.27
MW-110	8/5/97	--	108.89	9.80	--	0.00	99.09	282	<750	**1,480**	--	--	--	--	--	3.16
MW-110	11/11/97	--	108.89	8.57	--	0.00	100.32	**659**	<750	**2,330**	--	--	--	--	--	**22.9**
MW-110	2/11/98	--	108.89	8.54	--	0.00	100.35	390	<750	**2,040**	--	--	--	--	--	**15.3**
MW-110	5/28/98	--	108.89	8.69	--	0.00	100.20	324	<750	**1,350**	--	--	--	--	--	**15.5**
MW-110	8/20/98	--	108.89	10.91	--	0.00	97.98	<250	<750	**812**	--	--	--	--	--	1.55
MW-110	11/19/98	--	108.89	9.51	--	0.00	99.38	258	<750	637	--	--	--	--	--	7.27
MW-110	3/11/99	--	108.89	8.09	--	0.00	100.80	486	<500	**2,350**	--	--	--	--	--	11
MW-110	5/25/99	--	108.89	9.28	--	0.00	99.61	<250	--	**2,950**	--	--	--	--	--	--
MW-110	8/17/99	--	108.89	9.81	--	0.00	99.08	<250	<500	749	--	--	--	--	--	2.2
MW-110	11/19/99	--	108.89	7.77	--	0.00	101.12	453	--	**2,030**	--	--	--	--	--	**32.4**
MW-110	3/9/00	--	108.89	8.15	--	0.00	100.74	<250	<500	**3,780**	--	--	--	--	--	9.59
MW-110	6/13/00	--	108.89	8.81	--	0.00	100.08	<250	<500	**2,330**	--	--	--	--	--	5.45
MW-110	9/26/00	--	108.89	9.98	--	0.00	98.91	<250	<500	--	--	--	--	--	--	2.83
MW-110	12/13/00	--	108.89	9.37	--	0.00	99.52	<250	<500	**1,340**	--	--	--	--	--	4.15
MW-110	2/28/01	--	108.89	9.07	--	0.00	99.82	<250	<500	**1,800**	--	--	--	--	--	6.32
MW-110	5/2/01	--	108.89	8.62	--	0.00	100.27	<250	<500	**905**	--	--	--	--	--	4.23
MW-110	10/30/02	--	108.89	10.28	--	0.00	98.61	<250	<500	**3,880**	<2.50	<2.50	22.5	108	--	6.36
MW-110	1/23/03	--	108.89	8.74	--	0.00	100.15	<250	<500	**1,190**	0.902	0.585	9.83	13.9	--	**26.5**[5]
MW-110	4/18/03	--	108.89	8.40	--	0.00	100.49	<250	<500	499	1.94	<0.500	0.799	1.65	--	**16.8**[5]
MW-110	7/11/03	--	108.89	9.99	--	0.00	98.90	<250	<500	586	1.76	<0.500	1.08	1.11	--	2.115
MW-110	10/31/03	--	108.89	9.25	--	0.00	99.64	<250	<500	184	0.529	<0.500	<0.500	<1.0	--	<1.0[5]
MW-110	12/31/03	--	108.89	7.94	--	0.00	100.95	**1,800**	410	<99	<10	<2.0	23	25	--	**17.3**
MW-110	5/3/04	--	108.89	9.56	--	0.00	99.33	<250	<500	454	1.8	<0.500	<0.500	<1.0	--	3.865
MW-110	7/20/04	--	108.89	10.03	--	0.00	98.86	<250	<500	308	0.893	<0.500	<0.500	<1.0	--	<1.0[5]
MW-110	10/6/04	--	108.89	9.38	--	0.00	99.51	<79	<99	160	--	--	--	--	--	--
MW-110	1/27/05	--	108.89	8.65	--	0.00	100.24	<81	<100	150	--	--	--	--	--	--
MW-110	4/12/05	--	108.89	8.22	--	0.00	100.67	370	<100	290	--	--	--	--	--	--
MW-110	7/18/05	--	108.89	9.50	--	0.00	99.39	<79	<99	100	--	--	--	--	--	--
MW-110	7/18/05 (D)	--	108.89	9.50	--	0.00	99.39	<79	<99	100	--	--	--	--	--	--
MW-110	10/20/05	--	108.89	9.62	--	0.00	99.27	82	100	110	--	--	--	--	--	--
MW-110	9/4/07	--	108.89	10.08	--	0.00	98.81	<150	220	290	--	--	--	--	--	5
MW-110	5/27-28/08	LFP	108.89	9.52	--	0.00	99.37	<76	<96	210	<0.5	<0.5	9	0.7	<0.5	9.1
MW-110	8/27-29/08	LFP	108.89	9.60	--	0.00	99.29	120	<100	240	<5	<5	<5	<5	<5	1.5
MW-110	11/17-19/08	LFP	108.89	8.17	--	0.00	100.72	410	<68	150	<0.5	<0.5	<0.5	<0.5	<0.5	**34.1**
MW-110	2/16-18/09	LFP	108.89	9.23	--	0.00	99.66	58	170	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**27.7**
MW-110	5/4-6/09	LFP	108.89	8.60	--	0.00	100.29	380	**670**	96	<0.5	<0.5	<0.5	<0.5	<0.5	5.4
MW-110	8/19-21/09	LFP	108.89	9.98	--	0.00	98.91	<30	76	69	<0.5	<0.5	<0.5	<0.5	<0.5	0.63
MW-110	11/18-20/09	LFP	108.89	6.97	--	0.00	101.92	200	<67	670	<0.5	<0.5	2	<0.5	<0.5	5
MW-110	2/8-10/10	LFP	108.89	8.64	--	0.00	100.25	51	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	12.5
MW-110	5/12-13/10	LFP	108.89	9.08	--	0.00	99.81	39	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	4.2
MW-110	8/11/10	LFP	108.89	9.75	--	0.00	99.14	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.4

Table 2
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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-110	11/3-4/10	LFP	108.89	8.15	--	0.00	100.74	49	98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.5
MW-110	2/3-4/11	LFP	108.89	8.77	--	0.00	100.12	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.72
MW-110	5/24/11	LFP	108.89	8.90	--	0.00	99.99	<29	180	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.43
MW-110	8/23-24/11	LFP	108.89	9.96	--	0.00	98.93	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.62
MW-110	11/7-9/11	LFP	108.89	9.30	--	0.00	99.59	<31	<72	95	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-110	2/6-8/12	LFP	108.89	8.40	--	0.00	100.49	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-110	5/2-4/12	LFP	108.89	8.40	--	0.00	100.49	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-110	8/1-3/12	LFP	108.89	8.46	--	0.00	100.43	50	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.093
MW-110	11/26-28/12	LFP	108.89	7.95	--	0.00	100.94	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.30
MW-110	2/4-6/13	LFP	108.89	8.38	--	0.00	100.51	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-110	5/6-8/13	LFP	108.89	9.52	--	0.00	99.37	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-110	9/9-13/13	LFP	108.89	9.03	--	0.00	99.86	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-110	11/18-21/13	LFP	108.89	8.22	--	0.00	100.67	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.33
MW-110	2/4-11/14	LFP	108.89	8.98	--	0.00	99.91	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-110	6/12-14/14	LFP	108.89	9.50	--	0.00	99.39	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-110	8/18-21/14	LFP	108.89	8.53	--	0.00	100.36	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-110	11/19-20/14	LFP	108.89	9.08	--	0.00	99.81	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.94
MW-110	2/17-20/15	LFP	108.89	8.39	--	0.00	100.50	<30/<30	<70/<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-110	5/11-15/15	LFP	108.89	9.51	--	0.00	99.38	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.46
MW-110	8/10-11/15	LFP	108.89	10.23	--	0.00	98.66	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.88
MW-110	11/16-18/15	LFP	108.89	6.54	--	0.00	102.35	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00
MW-110	5/13-14/16	LFP	108.89	9.04	--	0.00	99.85	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-110	11/14/16	LFP	108.89	8.21	--	0.00	100.68	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-110	5/14/17	LFP	108.89	8.40	--	0.00	100.49	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-110	11/11-12/17	LFP	108.89	8.44	--	0.00	100.45	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-110	5/11/18	LFP	108.89	9.12	--	0.00	99.77	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-110	11/11-12/18	LFP	108.89	9.30	--	0.00	99.59	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-110	4/27/2019	LFP	108.89	8.93	--	0.00	99.96	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-110	11/3/2019	LFP	108.89	9.15	--	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-111	8/22/95	--	107.12	7.86	--	0.00	99.26	360	<750	**33,000**	--	--	--	--	--	--
MW-111	11/28/95	--	107.12	6.14	--	0.00	100.98	**640**	<750	**17,000**	--	--	--	--	--	10
MW-111	3/12/96	--	107.12	6.84	--	0.00	100.28	290	<750	**11,000**	--	--	--	--	--	7.6
MW-111	6/26/96	--	107.12	7.55	--	0.00	99.57	479	<750	**7,690**	--	--	--	--	--	4.8
MW-111	10/9/96	--	107.12	7.81	--	0.00	99.31	256	<750	**3,560**	--	--	--	--	--	4.7
MW-111	2/12/97	--	107.12	6.52	--	0.00	100.60	**631**	<750	**17,200**	--	--	--	--	--	8.7
MW-111	4/22/97	--	107.12	6.31	--	0.00	100.81	**920**	<750	**13,800**	--	--	--	--	--	5.3
MW-111	8/5/97	--	107.12	7.90	--	0.00	99.22	444	<750	**4,290**	--	--	--	--	--	3.5
MW-111	11/11/97	--	107.12	6.70	--	0.00	100.42	**770**	<750	**14,300**	--	--	--	--	--	12.4
MW-111	2/11/98	--	107.12	6.65	--	0.00	100.47	**587**	<750	**13,600**	--	--	--	--	--	8.3
MW-111	5/28/98	--	107.12	6.89	--	0.00	100.23	**526**	<750	**11,200**	--	--	--	--	--	**16.6**
MW-111	8/20/98	--	107.12	9.08	--	0.00	98.04	**637**	<750	**5,950**	--	--	--	--	--	1.7

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-111	11/19/98	--	107.12	7.60	--	0.00	99.52	**3,890**	<750	**10,500,000**	--	--	--	--	--	2.2
MW-111	1/22/99	--	107.12	5.36	--	0.00	101.76	--	--	**19,000**	--	--	--	--	--	--
MW-111	3/11/99	--	107.12	6.19	--	0.00	100.93	**611**	<500	**6,910**	--	--	--	--	--	6.3
MW-111	5/25/99	--	107.12	7.43	--	0.00	99.69	388	--	**8,500**	--	--	--	--	--	4.2
MW-111	8/17/99	--	107.12	7.98	--	0.00	99.14	**547**	<500	**17,600**	--	--	--	--	--	3
MW-111	11/19/99	--	107.12	5.87	--	0.00	101.25	**547**	--	**27,900**	--	--	--	--	--	14.4
MW-111	3/9/00	--	107.12	6.27	--	0.00	100.85	**12,400**	**646**	**20,800**	--	--	--	--	--	11.8
MW-111	6/13/00	--	107.12	6.91	--	0.00	100.21	**7,670**	<500	**29,600**	--	--	--	--	--	12.8
MW-111	9/26/00	--	107.12	8.37	--	0.00	98.75	--	--	--	--	--	--	--	--	--
MW-111	12/13/00	--	107.12	7.65	--	0.00	99.47	**13,800**	<500	**23,100**	--	--	--	--	--	4.1
MW-111	2/28/01	--	107.12	7.26	--	0.00	99.86	**3,740**	<500	**16,400**	--	--	--	--	--	5.6
MW-111	5/2/01	--	107.12	6.89	--	0.00	100.23	**7,530**	<500	**17,700**	--	--	--	--	--	10.7
MW-111	10/30/02	--	107.12	8.70	8.42	0.28	98.64	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--
MW-111	1/23/03	--	107.12	6.99	6.95	0.04	100.16	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--
MW-111	4/18/03	--	107.12	6.89	6.83	0.06	100.28	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--
MW-111	7/11/03	--	107.12	8.25	8.18	0.07	98.93	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--
MW-111	10/31/03	--	107.12	7.48	7.45	0.03	99.66	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--
MW-111	12/31/03	--	107.12	6.40	--	0.00	100.72	**50,000**	**2,800**	300	**8.3**	6.5	**1,100**	**3,300**	--	**15.2**
MW-111	5/3/04	--	107.12	7.79	7.76	0.03	99.35	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--
MW-111	7/20/04	--	107.12	8.16	8.10	0.06	99.01	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--
MW-111	10/6/04	--	107.12	7.54	--	0.00	99.58	240	<100	**5,700**	--	--	--	--	--	--
MW-111	1/27/05	--	107.12	6.79	--	0.00	100.33	310	<98	**8,800**	--	--	--	--	--	--
MW-111	1/27/05(D)	--	107.12	6.79	--	0.00	100.33	310	<98	**9,100**	--	--	--	--	--	--
MW-111	4/12/05	--	107.12	6.32	--	0.00	100.80	**820**	<100	**10,000**	--	--	--	--	--	--
MW-111	4/12/05(D)	--	107.12	6.32	--	0.00	100.80	**850**	<110	**10,000**	--	--	--	--	--	--
MW-111	7/18/05	--	107.12	7.75	--	0.00	99.37	460	<96	**6,300**	--	--	--	--	--	--
MW-111	10/20/05	--	107.12	7.84	--	0.00	99.28	--	--	--	--	--	--	--	--	--
MW-111	9/4/07	--	107.12	8.26	--	0.00	98.86	**1,100**	<220	**6,800**	--	--	--	--	--	2.8
MW-111	9/4/07	--	107.12	--	--	0.00	--	<81	<100	<50	--	--	--	--	--	<0.047
MW-111	5/27-28/08	--	107.12	7.64	--	0.00	99.48	NOT SAMPLED DUE TO OBSTRUCTION IN WELL @ 7 FEET						--	--	--
MW-111	8/27-29/08	--	107.12	7.71	--	0.00	99.41	NOT SAMPLED DUE TO OBSTRUCTION IN WELL @ 8 FEET						--	--	--
MW-111	11/17-19/08	LFP	107.12	6.27	--	0.00	100.85	**2,300**	<1,400	**18,000**	3	<1	300	220	<1	**36.8**
MW-111	2/16-18/09	LFP	107.12	7.36	--	0.00	99.76	350	74	**20,000**	4	2	190	110	<1	8.5
MW-111	5/4-6/09	LFP	107.12	6.62	--	0.00	100.50	**1,200**	<70	**13,000**	**8**	2	220	120	<0.5	**20.1**
MW-111	8/19-21/09	LFP	107.12	8.12	--	0.00	99.00	**780**	<70	**11,000**	4	0.6	180	130	<0.5	5.3
MW-111	11/18-20/09	LFP	107.12	5.42	--	0.00	101.70	400	<68	**4,700**	**5**	0.7	53	21	<0.5	6.3
MW-111	2/08-10/10	LFP	107.12	6.79	--	0.00	100.33	**2,700**	<140	**19,000**	**16**	1	270	110	<0.5	**18.8**
MW-111	5/11-13/10	LFP	107.12	7.25	--	0.00	99.87	**3,400**	380	**21,000**	**10**	1	300	110	<1	**22.6**
MW-111	8/11/10	LFP	107.12	7.92	--	0.00	99.20	**1,300**	<700	**9,200**	4	<1	220	55	<1	**20.2**
MW-111	11/3-4/10	LFP	107.12	6.12	--	0.00	101.00	**1,700**	**640**	**7,000**	4	<1	160	68	<1	**29.5**
MW-111	2/3-4/11	LFP	107.12	6.91	--	0.00	100.21	**2,800**	<340	**14,000**	**10**	0.9	250	72	<0.5	**19.9**
MW-111	5/24/11	LFP	107.12	7.03	--	0.00	100.09	**500**	130	**2,700**	<0.5	<0.5	65	15	<0.5	2.8

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-111	8/23-24/11	LFP	107.12	9.16	--	0.00	97.96	**1,600**	<69	**6,900**	3	<0.5	130	11	<0.5	12.2
MW-111	11/7-9/11	LFP	107.12	7.85	--	0.00	99.27	**4,700**	<730	**20,000**	1	<1	140	26	<1	**45.8**
MW-111	2/6-8/12	LFP	107.12	6.55	--	0.00	100.57	**690**	110	**5,100**	**5**	<0.5	140	<0.5	<0.5	**22.1**
MW-111	5/2-4/12	LFP	107.12	6.50	--	0.00	100.62	420	<68	**4,400**	**5**	0.7	170	23	<0.5	8.9
MW-111	8/1-3/12	LFP	107.12	7.93	--	0.00	99.19	**620**	140	**6,900**	0.6	<0.5	<0.5	12	<0.5	**22.9**
MW-111	11/26-28/12	LFP	107.12	6.07	--	0.00	101.05	**15,000**	<3,500	**5,200**	4	<0.5	140	32	<0.5	**36.1**
MW-111	2/4-6/13	LFP	107.12	6.53	--	0.00	100.59	**2,300**	**710**	**7,500**	<3	<3	120	24	<0.5	**17.8**
MW-111	5/6-8/13	LFP	107.12	7.46	--	0.00	99.66	300	<67	**5,500**	2	<0.5	100	13	<0.5	**16.6**
MW-111	9/9-13/13	LFP	107.12	7.15	--	0.00	99.97	330/**3,600**	<66/89	**5,500**	1	<0.5	110	39	<0.5	**59.4**
MW-111	11/18-22/13	LFP	107.12	6.42	--	0.00	100.70	370/**1,000**	<66/<66	**3,300**	0.9	<0.5	77	13	<0.5	**17.8**
MW-111	2/4-11/14	LFP	107.12	7.11	--	0.00	100.01	410/**1,000**	<68/<68	**4,800**	1	<0.5	75	7	<0.5	**27.3**
MW-111	6/12-14/14	LFP	107.12	7.70	--	0.00	99.42	380/**1,200**	<67/83	**4,200**	2	<0.5	130	14	<0.5	**16.1**
MW-111	8/18-21/14	LFP	107.12	8.07	--	0.00	99.05	310/**1,400**	<67/100	**4,700**	1	<0.5	49	1	<0.5	1.09
MW-111	11/19-20/14	LFP	107.12	6.47	--	0.00	100.65	430/**1,800**	<69/320	**6,000**	2	<0.5	120	11	<0.5	**45.3**
MW-111	2/17-20/15	LFP	107.12	6.57	--	0.00	100.55	230/**730**	<68/180	**3,600**	1	<0.5	44	3	<0.5	14.3
MW-111	5/11-15/15	LFP	107.12	9.02	--	0.00	98.10	320/**1,000**	<66/<66	**4,400**	1	<0.5	71	5	<0.5	0.0202
MW-111	8/10-11/15	LFP	107.12	8.43	--	0.00	98.69	470/**2,700**	<67/93	**4,500**	<3	<3	31	6	<3	12.5
MW-111	11/16-18/15	LFP	107.12	4.59	--	0.00	102.53	150/450	<67/270	**1,900**	<0.5	<0.5	9	1	<0.5	0.0078
MW-111	5/13-14/16	LFP	107.12	8.95	--	0.00	98.17	350/**1,200**	**680/1,600**	**4,200**	<0.5	<0.5	19	2	--	7.8
MW-111	11/14/16	LFP	107.12	--	--	--	--	WELL FLOODED-UNABLE TO ACCESS						2	--	7.8
MW-111	5/14/17	LFP	107.12	6.37	--	0.00	100.75	490/**1,200**	**630/1,400**	**9,200**	1	<0.5	46	3	--	10.3
MW-111	11/11-12/17	--	107.12	--	--	--	--	UNABLE TO ACCESS						--	--	--
MW-111	5/11/18	LFP	107.12	7.57	--	0.00	99.55	440/**1,400**	400/**970**	**6,600**	**14**	2	45	3	<0.5	13.8
MW-111	11/11-12/18	LFP	107.12	7.31	--	0.00	99.81	300/**3,300**	<68/320	**4,000**	3	0.6	33	3	--	**92.8**
MW-111	4/27/2019	LFP	107.12	7.11	--	0.00	100.01	**900/1,800**	**1,100/1,900**	**5,800**	3	0.6 J	29	2 J	--	**17.8**
MW-111	11/3/2019	LFP	107.12	7.31	--	0.00	99.81	250/**2,100**	400/**970**	**4,500**	1	0.3 J	20	2 J	--	**49.4**
MW-112	8/22/95	--	107.58	8.42	--	0.00	99.16	<250	<750	480	--	--	--	--	--	--
MW-112	11/28/95	--	107.58	6.73	--	0.00	100.85	<250	<750	150	--	--	--	--	--	5.8
MW-112	3/12/96	--	107.58	7.43	--	0.00	100.15	<250	<750	250	--	--	--	--	--	<2.0
MW-112	6/26/96	--	107.58	8.12	--	0.00	99.46	<250	<750	63.8	--	--	--	--	--	<2.0
MW-112	10/9/96	--	107.58	8.36	--	0.00	99.22	<250	<750	93.1	--	--	--	--	--	2.62
MW-112	2/12/97	--	107.58	7.11	--	0.00	100.47	322	<750	**1,250**	--	--	--	--	--	2.99
MW-112	4/22/97	--	107.58	6.85	--	0.00	100.73	<250	<750	323	--	--	--	--	--	<2.0
MW-112	8/5/97	--	107.58	8.45	--	0.00	99.13	<250	<750	124	--	--	--	--	--	<2.0
MW-112	11/11/97	--	107.58	7.26	--	0.00	100.32	<250	<750	112	--	--	--	--	--	<2.0
MW-112	2/11/98	--	107.58	7.25	--	0.00	100.33	<250	<750	658	--	--	--	--	--	<2.0
MW-112	5/28/98	--	107.58	7.46	--	0.00	100.12	315	<750	713	--	--	--	--	--	10.4
MW-112	8/20/98	--	107.58	9.64	--	0.00	97.94	<250	<750	<50	--	--	--	--	--	<1.0
MW-112	11/19/98	--	107.58	8.20	--	0.00	99.38	<250	<750	367	--	--	--	--	--	<1.0
MW-112	3/11/99	--	107.58	6.79	--	0.00	100.79	<250	<500	**1,370**	--	--	--	--	--	1.42
MW-112	5/25/99	--	107.58	7.97	--	0.00	99.61	<250	--	<80	--	--	--	--	--	--

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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-112	8/17/99	--	107.58	8.51	--	0.00	99.07	<250	<500	106	--	--	--	--	--	<1.6
MW-112	11/19/99	--	107.58	6.46	--	0.00	101.12	<250	--	<80	--	--	--	--	--	<1.0
MW-112	3/9/00	--	107.58	6.85	--	0.00	100.73	<250	<500	<80	--	--	--	--	--	<1.0
MW-112	6/13/00	--	107.58	7.48	--	0.00	100.10	<250	<500	**824**	--	--	--	--	--	2.14
MW-112	9/26/00	--	107.58	8.66	--	0.00	98.92	<250	<500	--	--	--	--	--	--	<1.0
MW-112	12/13/00	--	107.58	8.07	--	0.00	99.51	<250	<500	<80	--	--	--	--	--	<1.0
MW-112	2/28/01	--	107.58	7.77	--	0.00	99.81	<250	<500	<80	--	--	--	--	--	<1.0
MW-112	5/2/01	--	107.58	7.31	--	0.00	100.27	<250	<500	710	--	--	--	--	--	1.44
MW-112	10/30/02	--	107.58	8.95	--	0.00	98.63	<250	<500	95.7	<0.500	<0.500	<0.500	<1.00	--	2.63
MW-112	1/23/03	--	107.58	7.39	--	0.00	100.19	<250	<500	178	<0.500	<0.500	0.730	<1.00	--	<1.0[5]
MW-112	4/18/03	--	107.58	7.28	--	0.00	100.30	<250	<500	93.4	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-112	7/11/03	--	107.58	8.68	--	0.00	98.90	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-112	10/31/03	--	107.58	8.04	--	0.00	99.54	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-112	12/30/03	--	107.58	6.62	--	0.00	100.96	<50	<77	<97	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-112	5/3/04	--	107.58	8.22	--	0.00	99.36	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-112	7/20/04	--	107.58	8.69	--	0.00	98.89	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	--	--
MW-112	10/7/04	--	107.58	8.06	--	0.00	99.52	<82	<100	<50	--	--	--	--	--	--
MW-112	7/18/05	--	107.58	8.26	--	0.00	99.32	<77	<96	<48	--	--	--	--	--	--
MW-112	10/21/05	--	107.58	8.25	--	0.00	99.33	<82	<100	48	--	--	--	--	--	--
MW-112	9/5/07	--	107.58	8.79	--	0.00	98.79	<79	<99	<50	--	--	--	--	--	0.52
MW-112	5/27-28/08	LFP	107.58	8.22	--	0.00	99.36	<80	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-112	8/27-29/08	LFP	107.58	8.26	--	0.00	99.32	<79	<99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.92
MW-112	11/17-19/08	LFP	107.58	6.87	--	0.00	100.71	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.057
MW-112	2/16-18/09	LFP	107.58	7.92	--	0.00	99.66	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.51
MW-112	5/4-06/09	LFP	107.58	7.26	--	0.00	100.32	120	<69	380	2	<0.5	<0.5	<0.5	<0.5	2.1
MW-112	8/19-21/09	LFP	107.58	8.67	--	0.00	98.91	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.27
MW-112	11/18-20/09	LFP	107.58	5.58	--	0.00	102.00	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-112	2/8-10/10	LFP	107.58	7.35	--	0.00	100.23	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.46
MW-112	5/12-13/10	LFP	107.58	7.77	--	0.00	99.81	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.58
MW-112	8/12/10	LFP	107.58	8.45	--	0.00	99.13	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.29
MW-112	11/3-4/10	LFP	107.58	6.85	--	0.00	100.73	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-112	2/3-4/11	LFP	107.58	8.21	--	0.00	99.37	49	89	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.56
MW-112	5/24/11	LFP	107.58	7.58	--	0.00	100.00	<29	270	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.49
MW-112	8/23-24/11	LFP	107.58	8.52	--	0.00	99.06	**860**	<66	72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-112	11/7-9/11	LFP	107.58	8.35	--	0.00	99.23	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-112	2/6-8/12	LFP	107.58	7.10	--	0.00	100.48	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-112	5/2-4/12	LFP	107.58	7.20	--	0.00	100.38	<30	<69	68	<0.5	<0.5	<0.5	<0.5	<0.5	1.5
MW-112	8/1-3/12	LFP	107.58	8.45	--	0.00	99.13	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-112	11/26-28/12	LFP	107.58	6.67	--	0.00	100.91	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-112	2/4-6/13	LFP	107.58	7.22	--	0.00	100.36	<28	<66	50	<0.5	<0.5	<0.5	<0.5	<0.5	0.64
MW-112	5/6-8/13	LFP	107.58	8.00	--	0.00	99.58	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.47
MW-112	9/9-13/13	LFP	107.58	7.71	--	0.00	99.87	<29/32	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.85

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101 Mulford Road, Toledo, Washington
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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-112	11/18-22/13	LFP	107.58	6.76	--	0.00	100.82	<29/33	<67/<67	68	<0.5	<0.5	<0.5	<0.5	<0.5	0.58
MW-112	2/4-11/2014	LFP	107.58	7.67	--	0.00	99.91	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.38
MW-112	6/12-14/14	--	107.58		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-112	8/18-21/14	LFP	107.58	8.63	--	0.00	98.95	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-112	11/19-20/14	LFP	107.58	7.71	--	0.00	99.87	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-112	2/17-20/15	LFP	107.58	7.33	--	0.00	100.25	<30/<30	<69/<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.083
MW-112	5/11-15/15	LFP	107.58	8.19	--	0.00	99.39	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.460
MW-112	8/10-11/15	LFP	107.58	8.90	--	0.00	98.68	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.200
MW-112	11/16-18/15	LFP	107.58	5.65	--	0.00	101.93	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0014
MW-112	5/13-14/16	LFP	107.58	8.18	--	0.00	99.40	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
MW-112	11/14/16	LFP	107.58	6.90	--	0.00	100.68	56	<70	<50	<0.5	<0.5	<0.5	<0.5	--	0.33
MW-112	5/14/17	LFP	107.58	7.05	--	0.00	100.53	<28	<66	150	<0.5	<0.5	<0.5	<0.5	--	0.56
MW-112	11/11-12/17	LFP	107.58	6.99	--	0.00	100.59	<28	<66	95	<0.5	<0.5	<0.5	<0.5	--	0.27
MW-112	5/11/18	LFP	107.58	7.82	--	0.00	99.76	59	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-112	11/11-12/18	LFP	107.58	7.81	--	0.00	99.77	<28	<66	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-112	4/27/2019	LFP	107.58	7.62	--	0.00	99.96	130	98 J	38 J	<0.2	<0.2	<0.4	<1	--	<1.1
MW-112	11/3/2019	LFP	107.58	7.82	--	0.00	99.76	60 J	<68	38 J	<0.2	<0.2	<0.4	<1	--	0.25 J
MW-113	8/22/95	--	108.44	9.26	--	0.00	99.18	320	<750	**3,100**	--	--	--	--	--	--
MW-113	11/28/95	--	108.44	7.55	--	0.00	100.89	<250	<750	180	--	--	--	--	--	<2.0
MW-113	3/12/96	--	108.44	8.26	--	0.00	100.18	<250	<750	750	--	--	--	--	--	<2.0
MW-113	6/26/96	--	108.44	8.95	--	0.00	99.49	<250	<750	**809**	--	--	--	--	--	2.43
MW-113	10/9/96	--	108.44	9.21	--	0.00	99.23	<250	<750	494	--	--	--	--	--	2.95
MW-113	2/12/97	--	108.44	7.93	--	0.00	100.51	<250	<750	**1,600**	--	--	--	--	--	<2.0
MW-113	4/22/97	--	108.44	7.71	--	0.00	100.73	291	<750	748	--	--	--	--	--	<2.0
MW-113	8/5/97	--	108.44	9.37	--	0.00	99.07	<250	<750	**876**	--	--	--	--	--	<2.0
MW-113	11/11/97	--	108.44	8.04	--	0.00	100.40	<250	<750	<50	--	--	--	--	--	<2.0
MW-113	2/11/98	--	108.44	8.02	--	0.00	100.42	<250	<750	76.10	--	--	--	--	--	<2.0
MW-113	5/28/98	--	108.44	8.31	--	0.00	100.13	<250	<750	116	--	--	--	--	--	6.26
MW-113	8/20/98	--	108.44	10.48	--	0.00	97.96	<250	<750	235	--	--	--	--	--	<1.0
MW-113	11/19/98	--	108.44	9.02	--	0.00	99.42	<250	<750	<50	--	--	--	--	--	<1.0
MW-113	3/11/99	--	108.44	7.59	--	0.00	100.85	<250	<750	162	--	--	--	--	--	<1.0
MW-113	5/25/99	--	108.44	8.83	--	0.00	99.61	<250	--	321	--	--	--	--	--	--
MW-113	8/17/99	--	108.44	9.34	--	0.00	99.10	<250	<500	265	--	--	--	--	--	1.2
MW-113	11/19/99	--	108.44	7.27	--	0.00	101.17	<250	--	<80	--	--	--	--	--	<1.0
MW-113	3/9/00	--	108.44	7.66	--	0.00	100.78	<250	<500	96.70	--	--	--	--	--	<1.0
MW-113	6/13/00	--	108.44	8.29	--	0.00	100.15	<250	<500	154	--	--	--	--	--	<1.0
MW-113	9/26/00	--	108.44	9.51	--	0.00	98.93	<250	<500	--	--	--	--	--	--	<1.0
MW-113	12/13/00	--	108.44	8.91	--	0.00	99.53	<250	**588**	<80	--	--	--	--	--	<1.0
MW-113	2/28/01	--	108.44	8.60	--	0.00	99.84	<250	<500	<80	--	--	--	--	--	<1.0
MW-113	5/2/01	--	108.44	8.14	--	0.00	100.30	<250	<500	<80	--	--	--	--	--	<1.0
MW-113	10/30/02	--	108.44	9.85	--	0.00	98.59	<250	<500	<80	<0.500	<0.500	<0.500	<1.0	--	1.55

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-113	1/23/03	--	108.44	8.29	--	0.00	100.15	<250	<500	<80	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-113	4/18/03	--	108.44	8.09	--	0.00	100.35	<250	<500	<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-113	7/11/03	--	108.44	9.51	--	0.00	98.93	<250	<500	<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-113	10/31/03	--	108.44	8.80	--	0.00	99.64	<250	<500	<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-113	12/31/03	--	108.44	7.44	--	0.00	101.00	<50	<77	<97	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-113	5/3/04	--	108.44	9.14	--	0.00	99.30	<250	<500	<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-113	7/20/04	--	108.44	9.58	--	0.00	98.86	<250	<500	<50	<0.500	<0.500	<0.500	<1.0	--	--
MW-113	10/6/04	--	108.44	8.92	--	DRY	--	--	--	--	--	--	--	--	--	--
MW-113	1/27/05	--	108.44	8.15	--	0.00	--	<84	<110	<48	--	--	--	--	--	--
MW-113	4/12/05	--	108.44	7.76	--	0.00	--	<88	<110	<48	--	--	--	--	--	--
MW-113	7/18/05	--	108.44	9.11	--	0.00	--	<79	<98	<48	--	--	--	--	--	--
MW-113	10/26/05	--	108.44	9.10	--	0.00	--	<82	<100	<48	--	--	--	--	--	--
MW-113	9/5/07	--	108.44	9.59	--	0.00	98.85	<82	<100	<50	--	--	--	--	--	0.32
MW-113	9/5/07 (D)	--	108.44	9.59	--	0.00	98.85	<82	<100	<50	--	--	--	--	--	0.32
MW-113	5/27-28/08	LFP	108.44	9.02	--	0.00	99.42	<82	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-113	8/27-29/08	LFP	108.44	9.10	--	0.00	99.34	<81	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-113	11/17-19/08	LFP	108.44	7.68	--	0.00	100.76	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-113	2/16-18/09	LFP	108.44	8.75	--	0.00	99.69	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.087
MW-113	5/4-6/09	LFP	108.44	8.28	--	0.00	100.16	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-113	8/19-21/09	LFP	108.44	9.50	--	0.00	98.94	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-113	11/18-20/09	LFP	108.44	6.39	--	0.00	102.05	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-113	2/8-10/10	LFP	108.44	8.15	--	0.00	100.29	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-113	5/12-13/10	LFP	108.44	8.60	--	0.00	99.84	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.093
MW-113	8/12/10	LFP	108.44	9.29	--	0.00	99.15	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.077
MW-113	11/3-4/10	LFP	108.44	7.65	--	0.00	100.79	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-113	2/3-4/11	LFP	108.44	8.26	--	0.00	100.18	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-113	5/24/11	LFP	108.44	8.42	--	0.00	100.02	<30	330	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-113	8/23-24/11	LFP	108.44	9.32	--	0.00	99.12	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.096
MW-113	11/7-9/11	LFP	108.44	9.20	--	0.00	99.24	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-113	2/6-8/12	LFP	108.44	7.95	--	0.00	100.49	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-113	5/2-4/12	LFP	108.44	8.00	--	0.00	100.44	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-113	8/1-3/12	LFP	108.44	9.30	--	0.00	99.14	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.048
MW-113	11/26-28/12	LFP	108.44	7.49	--	0.00	100.95	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-113	2/4-6/13	LFP	108.44	8.06	--	0.00	100.38	30	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-113	5/6-8/13	LFP	108.44	8.83	--	0.00	99.61	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-113	9/9-13/13	LFP	108.44	8.56	--	0.00	99.88	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-113	11/18-21/13	LFP	108.44	7.74	--	0.00	100.70	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-113	2/4-11/14	LFP	108.44	6.56	--	0.00	101.88	<29/<29	<69/<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-113	6/12-14/14	LFP	108.44	8.79	--	0.00	99.65	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-113	8/18-21/14	LFP	108.44	9.39	--	0.00	99.05	<30/<30	<71/<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.35
MW-113	11/19-20/14	LFP	108.44	8.59	--	0.00	99.85	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-113	2/17-20/15	LFP	108.44	8.01	--	0.00	100.43	<30/<30	<70/<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082

Table 2
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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-113	5/11-15/15	LFP	108.44	9.08	--	0.00	99.36	<29/<29	<67/<67	75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-113	8/10-11/15	LFP	108.44	9.28	--	0.00	99.16	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-113	11/16-18/15	LFP	108.44	5.99	--	0.00	102.45	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00019
MW-113	5/13-14/16	LFP	108.44	8.95	--	0.00	99.49	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
MW-113	11/14/16	LFP	108.44	7.73	--	0.00	100.71	57	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
MW-113	5/14/17	LFP	108.44	7.88	--	0.00	100.56	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
MW-113	11/11-12/17	LFP	108.44	7.81	--	0.00	100.63	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.11
MW-113	5/11/18	LFP	108.44	8.65	--	0.00	99.79	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
MW-113	11/11-12/18	LFP	108.44	8.68	--	0.00	99.76	<28	<65	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-113	4/27/2019	LFP	108.44	8.11	--	0.00	100.33	81 J	130 J	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-113	11/3/2019	LFP	108.44	8.65	--	0.00	99.79	100	<66	<19	<0.2	<0.2	<0.4	<1	--	0.25 J
MW-114	8/22/95	--	106.89	7.47	--	0.00	99.42	<250	<750	<50	--	--	--	--	--	--
MW-114	11/28/95	--	106.89	5.83	--	0.00	101.06	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	3/12/96	--	106.89	6.39	--	0.00	100.50	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	6/26/96	--	106.89	7.11	--	0.00	99.78	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	10/9/96	--	106.89	7.42	--	0.00	99.47	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	2/12/97	--	106.89	5.47	--	0.00	101.42	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	4/22/97	--	106.89	14.30	--	0.00	92.59	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	8/5/97	--	106.89	7.65	--	0.00	99.24	<250	**1,410**	<50	--	--	--	--	--	<2.0
MW-114	11/11/97	--	106.89	6.45	--	0.00	100.44	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	2/11/98	--	106.89	6.23	--	0.00	100.66	<250	<750	<50	--	--	--	--	--	<2.0
MW-114	5/28/98	--	106.89	6.44	--	0.00	100.45	<250	<750	<50	--	--	--	--	--	5.91
MW-114	8/20/98	--	106.89	8.75	--	0.00	98.14	<250	<750	<50	--	--	--	--	--	<1.0
MW-114	11/19/98	--	106.89	7.05	--	0.00	99.84	<250	<750	<50	--	--	--	--	--	<1.0
MW-114	3/11/99	--	106.89	5.90	--	0.00	100.99	<250	<500	<80	--	--	--	--	--	<1.0
MW-114	5/25/99	--	106.89	7.10	--	0.00	99.79	<250	--	<80	--	--	--	--	--	--
MW-114	8/17/99	--	106.89	7.59	--	0.00	99.30	<250	**607**	<80	--	--	--	--	--	<1.0
MW-114	11/19/99	--	106.89	5.59	--	0.00	101.30	<250	--	<80	--	--	--	--	--	<1.0
MW-114	3/9/00	--	106.89	5.98	--	0.00	100.91	<250	<500	<80	--	--	--	--	--	<1.0
MW-114	6/13/00	--	106.89	6.04	--	0.00	100.85	<250	<500	<80	--	--	--	--	--	<1.0
MW-114	9/26/00	--	106.89	7.81	--	0.00	99.08	<250	<500	--	--	--	--	--	--	<1.0
MW-114	12/13/00	--	106.89	7.06	--	0.00	99.83	<250	<500	--	--	--	--	--	--	<1.0
MW-114	2/28/01	--	106.89	6.79	--	0.00	100.10	<250	<500	<80	--	--	--	--	--	<1.0
MW-114	5/2/01	--	106.89	8.84	--	0.00	98.05	<250	**1,880**	<80	--	--	--	--	--	<1.0
MW-114	10/30/02	--	106.89	8.32	--	0.00	98.57	<250	**1,090**	115	<0.500	<0.500	1.17	5.18	--	1.01
MW-114	1/23/03	--	106.89	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-114	4/18/03	--	106.89	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-114	7/11/03	--	106.89	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-114	10/31/03	--	106.89	6.61	--	0.00	100.28	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-114	12/30/03	--	106.89	5.81	--	0.00	101.08	<50	480	**3,600**	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-114	5/3/04	--	106.89	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--

Table 2
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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-114	7/20/04	--	106.89	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-114	10/6/04	--	106.89	6.98	--	0.00	99.91	<76	<95	<50	--	--	--	--	--	--
MW-114	10/24/05	--	106.89	7.28	--	0.00	99.61	<79	<99	<48	--	--	--	--	--	--
MW-114	9/5/07	--	106.89	7.87	--	0.00	99.02	94	**810**	<50	--	--	--	--	--	0.38
MW-114	5/27-28/08	LFP	106.89	7.19	--	0.00	99.70	<1,600	**15,000**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-114	8/27-29/08	LFP	106.89	7.30	--	0.00	99.59	270	**2,200**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.25
MW-114	11/17-19/08	LFP	106.89	6.01	--	0.00	100.88	330	**4,600**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-114	2/16-18/09	LFP	106.89	6.91	--	0.00	99.98	210	**1,900**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-114	5/4-6/09	LFP	106.89	6.42	--	0.00	100.47	180	**1,400**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.43
MW-114	8/19-21/09	LFP	106.89	7.78	--	0.00	99.11	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.79
MW-114	11/18-20/09	LFP	106.89	5.10	--	0.00	101.79	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.34
MW-114	2/8-10/10	LFP	106.89	6.38	--	0.00	100.51	110	**790**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-114	5/12-13/10	LFP	106.89	6.71	--	0.00	100.18	<30	80	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-114	8/11/10	LFP	106.89	7.45	--	0.00	99.44	<29	220	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-114	11/3-4/10	LFP	106.89	5.88	--	0.00	101.01	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-114	2/3-4/11	LFP	106.89	6.48	--	0.00	100.41	60	460	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-114	5/23/11	LFP	106.89	6.55	--	0.00	100.34	55	380	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-114	8/23-24/11	LFP	106.89	7.70	--	0.00	99.19	130	**1,500**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.41
MW-114	11/7-9/11	LFP	106.89	7.35	--	0.00	99.54	120	**950**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-114	2/6-8/12	LFP	106.89	6.25	--	0.00	100.64	<29	180	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.088
MW-114	5/2-4/12	LFP	106.89	5.95	--	0.00	100.94	<30	140	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.72
MW-114	8/1-3/12	LFP	106.89	7.50	--	0.00	99.39	140	**910**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.084
MW-114	11/26-28/12	LFP	106.89	5.88	--	0.00	101.01	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-114	2/4-6/13	LFP	106.89	6.27	--	0.00	100.62	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-114	5/6-8/13	LFP	106.89	6.97	--	0.00	99.92	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-114	9/9-13/13	LFP	106.89	6.96	--	0.00	99.93	<29/60	<67/260	<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.3
MW-114	11/18-22/13	LFP	106.89	8.36	--	0.00	98.53	200/99	<68/340	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-114	2/4-11/14	LFP	106.89	6.56	--	0.00	100.33	<29/<29	<67/71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-114	6/12-14/14	LFP	106.89	6.96	--	0.00	99.93	38/94	340/**820**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.18
MW-114	8/18-21/14	LFP	106.89	7.57	--	0.00	99.32	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-114	11/19-20/14	LFP	106.89	6.75	--	0.00	100.14	<28/<28	<66/140	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-114	2/17-20/15	LFP	106.89	6.31	--	0.00	100.58	<30/<30	<69/<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-114	5/11-15/15	LFP	106.89	6.89	--	0.00	100.00	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.55
MW-114	8/10-11/15	LFP	106.89	8.03	--	0.00	98.86	<29/130	170/**570**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**39.2**
MW-114	11/16-18/15	LFP	106.89	4.54	--	0.00	102.35	<29/49	<67/280	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0145
MW-114	5/13-14/16	LFP	106.89	7.97	--	0.00	98.92	35/67	260/490	<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
MW-114	11/14/16	LFP	106.89	5.40	--	0.00	101.49	36/220	280/**790**	<50	<0.5	<0.5	<0.5	<0.5	--	2.5
MW-114	5/14/17	LFP	106.89	5.93	--	0.00	100.96	38/42	280/<67	<50	<0.5	<0.5	<0.5	<0.5	--	8.3
MW-114	11/11-12/17	LFP	106.89	5.82	--	0.00	101.07	<28/61	<66/320	<50	<0.5	<0.5	<0.5	<0.5	--	0.45
MW-114	5/11/18	LFP	106.89	6.70	--	0.00	100.19	<28/29	98/230	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.40
MW-114	11/11-12/18	--	106.89	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-114	4/27/2019	LFP	106.89	6.60	--	0.00	100.29	<29/99	<66/300	<19	<0.2	<0.2	<0.4	<1	--	5

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-114	11/3/2019	LFP	106.89	6.80	--	0.00	100.09	<30/110	310/**670**	<19	<0.2	<0.2	<0.4	<1	--	0.21 J
MW-115	8/22/95	--	107.94	8.79	--	0.00	99.15	<250	<750	**1,800**	--	--	--	--	--	--
MW-115	11/28/95	--	107.94	7.05	--	0.00	100.89	<250	<750	460	--	--	--	--	--	<2.0
MW-115	3/12/96	--	107.94	7.76	--	0.00	100.18	<250	<750	630	--	--	--	--	--	<2.0
MW-115	6/26/96	--	107.94	8.45	--	0.00	99.49	<250	<750	706	--	--	--	--	--	<2.0
MW-115	10/9/96	--	107.94	8.71	--	0.00	99.23	<250	<750	722	--	--	--	--	--	2.54
MW-115	2/12/97	--	107.94	7.48	--	0.00	100.46	<250	<750	58	--	--	--	--	--	<2.0
MW-115	4/22/97	--	107.94	7.25	--	0.00	100.69	<250	<750	<50	--	--	--	--	--	<2.0
MW-115	8/5/97	--	107.94	8.77	--	0.00	99.17	<250	<750	611	--	--	--	--	--	2.0
MW-115	11/11/97	--	107.94	7.71	--	0.00	100.23	<250	<750	57	--	--	--	--	--	<2.0
MW-115	2/11/98	--	107.94	7.72	--	0.00	100.22	<250	<750	89.5	--	--	--	--	--	<2.0
MW-115	5/28/98	--	107.94	7.92	--	0.00	100.02	<250	<750	<50	--	--	--	--	--	8.08
MW-115	8/20/98	--	107.94	9.18	--	0.00	98.76	<250	<750	155	--	--	--	--	--	<1.0
MW-115	11/19/98	--	107.94	8.58	--	0.00	99.36	<250	<750	<50	--	--	--	--	--	<1.0
MW-115	3/11/99	--	107.94	7.12	--	0.00	100.82	<250	<750	<80	--	--	--	--	--	<1.0
MW-115	5/25/99	--	107.94	8.33	--	0.00	99.61	<250	--	<80	--	--	--	--	--	--
MW-115	8/17/99	--	107.94	8.87	--	0.00	99.07	<250	<500	163	--	--	--	--	--	1.4
MW-115	11/19/99	--	107.94	6.82	--	0.00	101.12	<250	--	<80	--	--	--	--	--	<1.0
MW-115	3/9/00	--	107.94	7.20	--	0.00	100.74	<250	<500	103	--	--	--	--	--	<1.0
MW-115	6/13/00	--	107.94	7.82	--	0.00	100.12	--	--	<80	--	--	--	--	--	<1.0
MW-115	9/26/00	--	107.94	9.02	--	0.00	98.92	<250	<500	--	--	--	--	--	--	1.02
MW-115	12/13/00	--	107.94	8.43	--	0.00	99.51	<250	<500	313	--	--	--	--	--	<1.0
MW-115	2/28/01	--	107.94	8.13	--	0.00	99.81	<250	<500	177	--	--	--	--	--	<1.0
MW-115	5/2/01	--	107.94	10.37	--	0.00	97.57	<250	<500	162	--	--	--	--	--	<1.0
MW-115	10/30/02	--	107.94	9.33	--	0.00	98.61	<250	<500	175	<0.500	<0.500	<0.500	<1.0	--	4.36
MW-115	1/23/03	--	107.94	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-115	4/18/03	--	107.94	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-115	7/11/03	--	107.94	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-115	10/31/03	--	107.94	8.30	--	0.00	99.64	<250	<500	78.9	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-115	12/31/03	--	107.94	6.98	--	0.00	100.96	<50	<79	<99	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-115	5/3/04	--	107.94	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-115	7/20/04	--	107.94	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-115	10/6/04	--	107.94	8.43	--	0.00	99.51	<160	<200	<50	--	--	--	--	--	--
MW-115	10/21/05	--	107.94	8.67	--	0.00	99.27	<81	<100	<48	--	--	--	--	--	--
MW-115	10/21/05(D)	--	107.94	8.67	--	0.00	99.27	<82	<100	<48	--	--	--	--	--	--
MW-115	9/5/07	--	107.94	9.11	--	0.00	98.83	<76	<95	<50	--	--	--	--	--	0.37
MW-115	5/27-28/08	--	107.94	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-115	8/27-29/08	LFP	107.94	8.63	--	0.00	99.31	<82	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.35
MW-115	11/17-19/08	LFP	107.94	7.25	--	0.00	100.69	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.097
MW-115	2/16-18/09	LFP	107.94	8.31	--	0.00	99.63	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-115	5/4-6/09	LFP	107.94	7.66	--	0.00	100.28	42	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36

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101 Mulford Road, Toledo, Washington
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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-115	8/19-21/09	LFP	107.94	9.04	--	0.00	98.90	320	**2,700**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.64
MW-115	10/19/09	LFP	107.94	8.70	--	0.00	99.24	<29	<68	--	--	--	--	--	--	--
MW-115	11/18-20/09	LFP	107.94	5.85	--	0.00	102.09	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.92
MW-115	2/8-10/10	LFP	107.94	7.69	--	0.00	100.25	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-115	5/12-13/10	LFP	107.94	8.14	--	0.00	99.80	30	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-115	8/12/10	LFP	107.94	8.81	--	0.00	99.13	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.92
MW-115	11/3-4/10	LFP	107.94	7.07	--	0.00	100.87	<30	<70	70	<0.5	<0.5	<0.5	<0.5	<0.5	0.83
MW-115	2/3-4/11	LFP	107.94	7.81	--	0.00	100.13	33	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-115	5/24/11	LFP	107.94	7.95	--	0.00	99.99	42	220	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.53
MW-115	8/23-24/11	LFP	107.94	9.05	--	0.00	98.89	68	74	73	<0.5	<0.5	<0.5	<0.5	<0.5	1.2
MW-115	11/7-9/11	LFP	107.94	8.70	--	0.00	99.24	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.60
MW-115	2/6-8/12	LFP	107.94	7.55	--	0.00	100.39	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-115	5/2-4/12	LFP	107.94	7.55	--	0.00	100.39	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-115	8/1-3/12	LFP	107.94	8.82	--	0.00	99.12	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.63
MW-115	11/26-28/12	LFP	107.94	7.04	--	0.00	100.90	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.052
MW-115	2/4-6/13	LFP	107.94	7.58	--	0.00	100.36	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-115	5/6-8/13	LFP	107.94	8.34	--	0.00	99.60	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.41
MW-115	9/9-13/13	LFP	107.94	8.09	--	0.00	99.85	<28/31	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.89
MW-115	11/18-21/13	LFP	107.94	7.45	--	0.00	100.49	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.45
MW-115	2/4-11/14	LFP	107.94	8.05	--	0.00	99.89	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.43
MW-115	6/12-14/14	--	107.94		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-115	8/18-21/14	LFP	107.94	8.88	--	0.00	99.06	<29/36	<68/<68	66	<0.5	<0.5	<0.5	<0.5	<0.5	0.82
MW-115	11/19-20/14	LFP	107.94	8.07	--	0.00	99.87	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.28
MW-115	2/17-20/15	LFP	107.94	7.57	--	0.00	100.37	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-115	5/11-15/15	LFP	107.94	8.33	--	0.00	99.61	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.60
MW-115	8/10-11/15	LFP	107.94	9.28	--	0.00	98.66	<28/33	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.71
MW-115	11/16-18/15	LFP	107.94	6.53	--	0.00	101.41	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00
MW-115	5/13-14/16	LFP	107.94	8.48	--	0.00	99.46	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	11/14/16	LFP	107.94	7.35	--	0.00	100.59	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	5/14/17	LFP	107.94	7.44	--	0.00	100.50	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	11/11-12/17	LFP	107.94	7.37	--	0.00	100.57	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	5/11/18	LFP	107.94	8.20	--	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	11/11-12/18	LFP	107.94	8.31	--	0.00	99.63	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	4/27/2019	LFP	107.94	7.49	--	0.00	100.45	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-115	11/3/2019	LFP	107.94	8.20	--	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	8/22/95	--	107.56	8.82	--	0.00	98.74	<250	<750	<50	--	--	--	--	--	--
MW-116	3/12/96	--	107.56	8.08	--	0.00	99.48	<250	<750	<50	--	--	--	--	--	<2.0
MW-116	10/9/96	--	107.56	8.69	--	0.00	98.87	<250	<750	<50	--	--	--	--	--	<2.0
MW-116	2/12/97	--	107.56	7.86	--	0.00	99.70	<250	<750	<50	--	--	--	--	--	<2.0
MW-116	4/22/97	--	107.56	7.65	--	0.00	99.91	<250	<750	<50	--	--	--	--	--	<2.0
MW-116	8/5/97	--	107.56	8.71	--	0.00	98.85	<250	<750	<50	--	--	--	--	--	<2.0

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-116	11/11/97	--	107.56	8.07	--	0.00	99.49	<250	<750	<50	--	--	--	--	--	<2.0
MW-116	2/11/98	--	107.56	8.06	--	0.00	99.50	<250	<750	<50	--	--	--	--	--	<2.0
MW-116	5/28/98	--	107.56	8.25	--	0.00	99.31	<250	<750	<50	--	--	--	--	--	4.66
MW-116	8/20/98	--	107.56	9.05	--	0.00	98.51	<250	<750	<50	--	--	--	--	--	<1.0
MW-116	11/19/98	--	107.56	9.16	--	0.00	98.40	<250	<750	<50	--	--	--	--	--	<1.0
MW-116	3/11/99	--	107.56	7.64	--	0.00	99.92	<250	<750	<80	--	--	--	--	--	<1.0
MW-116	5/25/99	--	107.56	8.40	--	0.00	99.16	<250	--	<80	--	--	--	--	--	--
MW-116	8/17/99	--	107.56	8.78	--	0.00	98.78	<250	<500	<80	--	--	--	--	--	<1.0
MW-116	11/19/99	--	107.56	7.60	--	0.00	99.96	<250	--	<80	--	--	--	--	--	<1.0
MW-116	3/9/00	--	107.56	7.70	--	0.00	99.86	<250	<500	<80	--	--	--	--	--	<1.0
MW-116	6/13/00	--	107.56	8.37	--	0.00	99.19	--	--	<80	--	--	--	--	--	<1.0
MW-116	9/26/00	--	107.56	8.88	--	0.00	98.68	<250	<500	--	--	--	--	--	--	<1.0
MW-116	12/13/00	--	107.56	8.52	--	0.00	99.04	<250	<500	--	--	--	--	--	--	<1.0
MW-116	2/28/01	--	107.56	8.25	--	0.00	99.31	<250	<500	<80	--	--	--	--	--	<1.0
MW-116	5/2/01	--	107.56	10.84	--	0.00	96.72	<250	<500	<80	--	--	--	--	--	<1.0
MW-116	10/30/02	--	107.56	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-116	1/23/03	--	107.56	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-116	4/18/03	--	107.56	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-116	7/11/03	--	107.56	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-116	10/31/03	--	107.56	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-116	12/30/03	--	107.56	7.54	--	0.00	100.02	<50	<79	<99	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-116	5/3/04	--	107.56	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-116	7/20/04	--	107.56	8.92	--	0.00	98.64	<284	<568	<50	<0.500	<0.500	<0.500	<1.00	--	--
MW-116	10/7/04	--	107.56	7.54	--	0.00	100.02	<75	<94	<50	--	--	--	--	--	--
MW-116	10/20/05	--	107.56	8.73	--	0.00	98.83	<81	<100	<48	--	--	--	--	--	--
MW-116	9/6/07	--	107.56	9.00	--	0.00	98.56	<76	<95	<50	--	--	--	--	--	0.15
MW-116	5/27-28/08	--	107.56		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-116	8/27-29/08	LFP	107.56	8.68	--	0.00	98.88	89	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	11/17-19/08	LFP	107.56	7.93	--	0.00	99.63	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	2/16-18/09	LFP	107.56	8.45	--	0.00	99.11	**590**	350	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-116	5/4-6/09	LFP	107.56	8.20	--	0.00	99.36	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	8/19-21/09	LFP	107.56	8.91	--	0.00	98.65	34	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	11/18-20/09	LFP	107.56	6.85	--	0.00	100.71	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-116	2/8-10/10	LFP	107.56	8.07	--	0.00	99.49	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-116	8/12/10	LFP	107.56	8.78	--	0.00	98.78	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-116	11/3-4/10	LFP	107.56	8.04	--	0.00	99.52	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-116	2/3-4/11	LFP	107.56	8.16	--	0.00	99.40	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-116	5/24/11	--	107.56	UNABLE TO LOCATE				--	--	--	--	--	--	--	--	--
MW-116	8/23-24/11	LFP	107.56	9.00	--	0.00	98.56	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-116	11/7-9/11	LFP	107.56	8.75	--	0.00	98.81	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-116	2/6-8/12	LFP	107.56	8.05	--	0.00	99.51	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-116	5/2-4/12	LFP	107.56	8.10	--	0.00	99.46	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-116	8/1-3/12	LFP	107.56	8.80	--	0.00	98.76	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
MW-116	11/26-28/12	LFP	107.56	7.84	--	0.00	99.72	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-116	2/4-6/13	LFP	107.56	8.04	--	0.00	99.52	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-116	5/6-8/13	LFP	107.56	8.51	--	0.00	99.05	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-116	9/9-13/13	LFP	107.56	8.61	--	0.00	98.95	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-116	11/18-21/13	LFP	107.56	8.15	--	0.00	99.41	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-116	2/4-11/14	LFP	107.56	8.28	--	0.00	99.28	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-116	6/12-14/14	--	107.56		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-116	8/18-21/14	LFP	107.56	8.83	--	0.00	98.73	<29/38	<67/<67	68	<0.5	<0.5	<0.5	<0.5	<0.5	0.78
MW-116	11/19-20/14	LFP	107.56	8.38	--	0.00	99.18	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-116	2/17-20/15	LFP	107.56	8.08	--	0.00	99.48	<30/<30	<69/<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-116	5/11-15/15	LFP	107.56	8.71	--	0.00	98.85	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-116	8/10-11/15	LFP	107.56	9.17	--	0.00	98.39	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.42
MW-116	11/16-18/15	LFP	107.56	7.37	--	0.00	100.19	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0062
MW-116	5/13-14/16	LFP	107.56	8.59	--	0.00	98.97	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	11/14/16	LFP	107.56	8.06	--	0.00	99.50	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	5/14/17	LFP	107.56	8.07	--	0.00	99.49	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	11/11-12/17	LFP	107.56	8.14	--	0.00	99.42	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	5/11/18	LFP	107.56	8.43	--	0.00	99.13	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	11/11-12/18	LFP	107.56	9.04	--	0.00	98.52	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	4/27/2019	LFP	107.56	8.30	--	0.00	99.26	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-116	11/3/2019	LFP	107.56	8.48	--	0.00	99.08	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	8/22/95	--	106.57	7.45	--	0.00	99.12	<250	<750	<50	--	--	--	--	--	--
MW-117	11/28/95	--	106.57	5.45	--	0.00	101.12	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	3/12/96	--	106.57	6.32	--	0.00	100.25	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	6/26/96	--	106.57	7.18	--	0.00	99.39	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	10/9/96	--	106.57	7.42	--	0.00	99.15	<250	<750	<50	--	--	--	--	--	7.1
MW-117	2/12/97	--	106.57	5.93	--	0.00	100.64	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	4/22/97	--	106.57	5.78	--	0.00	100.79	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	8/5/97	--	106.57	7.58	--	0.00	98.99	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	11/11/97	--	106.57	6.21	--	0.00	100.36	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	2/11/98	--	106.57	6.21	--	0.00	100.36	<250	<750	<50	--	--	--	--	--	<2.0
MW-117	5/28/98	--	106.57	6.44	--	0.00	100.13	<250	<750	<50	--	--	--	--	--	2.68
MW-117	8/20/98	--	106.57	7.90	--	0.00	98.67	<250	<750	<50	--	--	--	--	--	<1.0
MW-117	11/19/98	--	106.57	7.18	--	0.00	99.39	<250	<750	<50	--	--	--	--	--	<1.0
MW-117	3/11/99	--	106.57	5.51	--	0.00	101.06	<250	<500	<80	--	--	--	--	--	<1.0
MW-117	5/25/99	--	106.57	7.00	--	0.00	99.57	<250	--	<80	--	--	--	--	--	--
MW-117	8/17/99	--	106.57	7.56	--	0.00	99.01	<250	<500	<80	--	--	--	--	--	<1.0
MW-117	11/19/99	--	106.57	5.11	--	0.00	101.46	<250	--	<80	--	--	--	--	--	<1.0
MW-117	3/9/00	--	106.57	5.65	--	0.00	100.92	<250	<500	<80	--	--	--	--	--	<1.0
MW-117	6/13/00	--	106.57	6.25	--	0.00	100.32	<250	<500	<80	--	--	--	--	--	<1.0

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-117	9/26/00	--	106.57	7.70	--	0.00	98.87	<250	<500	--	--	--	--	--	--	<1.0
MW-117	12/13/00	--	106.57	7.11	--	0.00	99.46	<250	<500	--	--	--	--	--	--	<1.0
MW-117	2/28/01	--	106.57	6.78	--	0.00	99.79	<250	<500	<80	--	--	--	--	--	<1.0
MW-117	5/2/01	--	106.57	8.90	--	0.00	97.67	<250	<500	<80	--	--	--	--	--	<1.0
MW-117	10/30/02	--	106.57	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-117	1/23/03	--	106.57	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-117	4/18/03	--	106.57	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-117	7/11/03	--	106.57	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-117	10/31/03	--	106.57	UNABLE TO LOCATE - POSSIBLY PAVED OVER						--	--	--	--	--	--	--
MW-117	12/30/03	--	106.57	5.46	--	0.00	101.11	<50	<80	<100	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-117	5/3/04	--	106.57	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-117	7/20/04	--	106.57	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-117	10/6/04	--	106.57	7.07	--	0.00	99.50	<79	<98	<50	--	--	--	--	--	--
MW-117	10/21/05	--	106.57	7.33	--	0.00	99.24	<81	<100	<48	--	--	--	--	--	--
MW-117	9/5/07	--	106.57	7.92	--	0.00	98.65	<82	<100	<50	--	--	--	--	--	0.22
MW-117	5/27-28/08	LFP	106.57	7.42	--	0.00	99.15	<80	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.056
MW-117	8/27-29/08	LFP	106.57	7.38	--	0.00	99.19	<82	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	11/17-19/08	LFP	106.57	5.90	--	0.00	100.67	55	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	2/16-18/09	LFP	106.57	7.06	--	0.00	99.51	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.095
MW-117	5/4-6/09	LFP	106.57	6.51	--	0.00	100.06	38	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	8/19-21/09	LFP	106.57	7.82	--	0.00	98.75	40	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.073
MW-117	11/18-20/09	LFP	106.57	3.85	--	0.00	102.72	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	2/8-10/10	LFP	106.57	6.43	--	0.00	100.14	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	5/12-13/10	LFP	106.57	6.96	--	0.00	99.61	36	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	8/12/10	LFP	106.57	7.68	--	0.00	98.89	<29	210	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	11/3-4/10	LFP	106.57	5.97	--	0.00	100.60	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	2/3-4/11	LFP	106.57	6.5	--	0.00	100.07	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	5/24/11	LFP	106.57	6.77	--	0.00	99.80	<30	150	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	8/23-24/11	LFP	106.57	7.85	--	0.00	98.72	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-117	11/7-9/11	LFP	106.57	7.55	--	0.00	99.02	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-117	2/6-8/12	LFP	106.57	6.20	--	0.00	100.37	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-117	5/2-4/12	LFP	106.57	6.00	--	0.00	100.57	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-117	8/1-3/12	LFP	106.57	7.66	--	0.00	98.91	<32	<75	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
MW-117	11/26-28/12	LFP	106.57	5.60	--	0.00	100.97	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-117	2/4-6/13	LFP	106.57	6.29	--	0.00	100.28	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-117	5/6-8/13	LFP	106.57	7.18	--	0.00	99.39	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-117	9/9-13/13	LFP	106.57	8.11	--	0.00	98.46	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	11/18-21/13	LFP	106.57	5.99	--	0.00	100.58	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	2/4-11/14	LFP	106.57	6.85	--	0.00	99.72	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	6/12-14/14	LFP	106.57	7.11	--	0.00	99.46	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	8/18-21/14	LFP	106.57	7.71	--	0.00	98.86	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.37
MW-117	11/19-20/14	LFP	106.57	6.91	--	0.00	99.66	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-117	2/17-20/15	LFP	106.57	6.26	--	0.00	100.31	<29/<29	<69/<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-117	5/11-15/15	LFP	106.57	6.91	--	0.00	99.66	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-117	8/10-11/15	LFP	106.57	8.10	--	0.00	98.47	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.10
MW-117	11/16-18/15	LFP	106.57	3.89	--	0.00	102.68	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0021
MW-117	5/13-14/16	LFP	106.57	7.38	--	0.00	99.19	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	11/14/16	LFP	106.57	5.60	--	0.00	100.97	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	5/14/17	LFP	106.57	6.10	--	0.00	100.47	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	11/11-12/17	LFP	106.57	6.16	--	0.00	100.41	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	5/11/18	LFP	106.57	7.04	--	0.00	99.53	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	11/11-12/18	LFP	106.57	6.58	--	0.00	99.99	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	4/27/2019	LFP	106.57	6.82	--	0.00	99.75	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-117	11/3/2019	LFP	106.57	7.09	--	0.00	99.48	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	8/22/95	--	106.72	7.87	--	0.00	98.85	470	<750	<50	--	--	--	--	--	--
MW-118	11/28/95	--	106.72	5.76	--	0.00	100.96	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	3/12/96	--	106.72	6.67	--	0.00	100.05	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	6/26/96	--	106.72	7.51	--	0.00	99.21	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	10/9/96	--	106.72	7.78	--	0.00	98.94	<250	<750	50.1	--	--	--	--	--	<2.0
MW-118	2/12/97	--	106.72	6.35	--	0.00	100.37	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	4/22/97	--	106.72	5.98	--	0.00	100.74	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	8/5/97	--	106.72	7.85	--	0.00	98.87	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	11/11/97	--	106.72	6.52	--	0.00	100.20	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	2/11/98	--	106.72	6.56	--	0.00	100.16	<250	<750	<50	--	--	--	--	--	<2.0
MW-118	5/28/98	--	106.72	6.85	--	0.00	99.87	<250	<750	<50	--	--	--	--	--	2.84
MW-118	8/20/98	--	106.72	7.26	--	0.00	99.46	<250	<750	<50	--	--	--	--	--	<1.0
MW-118	11/19/98	--	106.72	7.70	--	0.00	99.02	<250	<750	<50	--	--	--	--	--	<1.0
MW-118	3/11/99	--	106.72	5.81	--	0.00	100.91	<250	<750	<80	--	--	--	--	--	<1.0
MW-118	5/25/99	--	106.72	7.39	--	0.00	99.33	<250	--	<80	--	--	--	--	--	--
MW-118	8/17/99	--	106.72	7.95	--	0.00	98.77	<250	<500	<80	--	--	--	--	--	<1.0
MW-118	11/19/99	--	106.72	5.53	--	0.00	101.19	<250	--	<80	--	--	--	--	--	<1.0
MW-118	3/9/00	--	106.72	5.99	--	0.00	100.73	<250	<500	<80	--	--	--	--	--	<1.0
MW-118	6/13/00	--	106.72	7.08	--	0.00	99.64	<250	<500	<80	--	--	--	--	--	<1.0
MW-118	9/26/00	--	106.72	8.07	--	0.00	98.65	<250	<500	--	--	--	--	--	--	<1.0
MW-118	12/13/00	--	106.72	7.53	--	0.00	99.19	<250	<500	--	--	--	--	--	--	<1.0
MW-118	2/28/01	--	106.72	7.17	--	0.00	99.55	<250	<500	<80	--	--	--	--	--	<1.0
MW-118	5/2/01	--	106.72	6.81	--	0.00	99.91	<250	<500	<80	--	--	--	--	--	<1.0
MW-118	10/30/02	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	1/23/03	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	4/18/03	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	7/11/03	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	10/31/03	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	12/30/03	--	106.72	5.71	--	0.00	101.01	<50	<400	<500	<0.5	<0.5	<0.5	<1.5	--	<1.2

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-118	5/3/04	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	7/20/04	--	106.72	8.14	--	0.00	98.58	<250	<500	<50	<0.500	<0.500	<0.500	<1.00	--	--
MW-118	10/7/04	--	106.72	7.55	--	0.00	99.17	<76	<96	<50	--	--	--	--	--	--
MW-118	10/7/04 (D)	--	106.72	7.55	--	0.00	99.17	<80	160	<50	--	--	--	--	--	--
MW-118	10/20/05	--	106.72	7.78	--	0.00	98.94	<83	<100	<48	--	--	--	--	--	--
MW-118	9/5/07	--	106.72	8.20	--	0.00	98.52	**980**	**710**	<50	--	--	--	--	--	0.13
MW-118	5/27-28/08	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	8/27-29/08	LFP	106.72	7.64	--	0.00	99.08	260	230	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	11/17-19/08	LFP	106.72	6.20	--	0.00	100.52	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	2/16-18/09	LFP	106.72	7.29	--	0.00	99.43	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.068
MW-118	5/4-6/09	LFP	106.72	6.70	--	0.00	100.02	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	8/19-21/09	LFP	106.72	8.04	--	0.00	98.68	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-118	11/18-20/09	LFP	106.72	4.45	--	0.00	102.27	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	2/8-10/10	LFP	106.72	6.65	--	0.00	100.07	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	5/12-13/10	LFP	106.72	7.21	--	0.00	99.51	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	8/12/10	LFP	106.72	7.90	--	0.00	98.82	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-118	11/3-4/10	LFP	106.72	6.39	--	0.00	100.33	<29	160	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-118	2/3-4/11	LFP	106.72	6.77	--	0.00	99.95	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-118	5/24/11	--	106.72	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-118	8/23-24/11	LFP	106.72	8.15	--	0.00	98.57	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	11/7-9/11	LFP	106.72	7.80	--	0.00	98.92	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	2/6-8/12	LFP	106.72	6.50	--	0.00	100.22	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	5/2-4/12	LFP	106.72	5.85	--	0.00	100.87	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	8/1-3/12	LFP	106.72	7.87	--	0.00	98.85	97	230	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.042
MW-118	11/26-28/12	LFP	106.72	5.84	--	0.00	100.88	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-118	2/4-6/13	LFP	106.72	6.57	--	0.00	100.15	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-118	5/6-8/13	LFP	106.72	7.47	--	0.00	99.25	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-118	9/9-13/13	LFP	106.72	7.28	--	0.00	99.44	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-118	11/18-21/13	LFP	106.72	6.57	--	0.00	100.15	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-118	2/4-11/14	LFP	106.72	7.02	--	0.00	99.70	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-118	6/12-14/14	--	106.72		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-118	8/18-21/14	LFP	106.72	7.92	--	0.00	98.80	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.41
MW-118	11/19-20/14	LFP	106.72	7.15	--	0.00	99.57	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-118	2/17-20/15	LFP	106.72	6.54	--	0.00	100.18	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.083
MW-118	5/11-15/15	LFP	106.72	8.93	--	0.00	97.79	75/69	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.170
MW-118	8/10-11/15	LFP	106.72	8.27	--	0.00	98.45	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-118	11/16-18/15	LFP	106.72	4.69	--	0.00	102.03	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00067
MW-118	5/13-14/16	LFP	106.72	7.61	--	0.00	99.11	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	11/14/16	LFP	106.72	6.36	--	0.00	100.36	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	5/14/17	LFP	106.72	6.50	--	0.00	100.22	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	11/11-12/17	LFP	106.72	6.52	--	0.00	100.20	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	5/11/18	LFP	106.72	7.31	--	0.00	99.41	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-118	11/11-12/18	LFP	106.72	7.34	--	0.00	99.38	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	4/27/2019	LFP	106.72	7.05	--	0.00	99.67	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-118	11/3/2019	LFP	106.72	7.66	--	0.00	99.06	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	8/22/95	--	108.35	9.22	--	0.00	99.13	<250	<750	<50	--	--	--	--	--	--
MW-119	11/28/95	--	108.35	7.54	--	0.00	100.81	<250	<750	100	--	--	--	--	--	<2.0
MW-119	3/12/96	--	108.35	8.21	--	0.00	100.14	<250	<750	240	--	--	--	--	--	2.2
MW-119	6/26/96	--	108.35	8.91	--	0.00	99.44	<250	<750	174	--	--	--	--	--	<2.0
MW-119	10/9/96	--	108.35	9.14	--	0.00	99.21	<250	<750	78	--	--	--	--	--	2.16
MW-119	2/12/97	--	108.35	7.84	--	0.00	100.51	<250	<750	<50	--	--	--	--	--	<2.0
MW-119	4/22/97	--	108.35	7.67	--	0.00	100.68	<250	<750	<50	--	--	--	--	--	<2.0
MW-119	8/5/97	--	108.35	9.15	--	0.00	99.20	<250	<750	53.6	--	--	--	--	--	<2.0
MW-119	11/11/97	--	108.35	8.02	--	0.00	100.33	264	<750	<50	--	--	--	--	--	<2.0
MW-119	2/11/98	--	108.35	8.02	--	0.00	100.33	<250	<750	<50	--	--	--	--	--	<2.0
MW-119	5/28/98	--	108.35	8.20	--	0.00	100.15	<250	<750	102	--	--	--	--	--	3.33
MW-119	8/20/98	--	108.35	10.40	--	0.00	97.95	<250	<750	<50	--	--	--	--	--	<1.0
MW-119	11/19/98	--	108.35	8.98	--	0.00	99.37	<250	<750	78.5	--	--	--	--	--	1.82
MW-119	3/11/99	--	108.35	7.61	--	0.00	100.74	<250	<750	<80	--	--	--	--	--	<1.0
MW-119	5/25/99	--	108.35	8.77	--	0.00	99.58	<250	--	<80	--	--	--	--	--	--
MW-119	8/17/99	--	108.35	9.29	--	0.00	99.06	<250	<500	<80	--	--	--	--	--	<1.0
MW-119	11/19/99	--	108.35	7.25	--	0.00	101.10	<250	--	<80	--	--	--	--	--	<1.0
MW-119	3/9/00	--	108.35	7.63	--	0.00	100.72	<250	<500	<80	--	--	--	--	--	<1.0
MW-119	6/13/00	--	108.35	8.28	--	0.00	100.07	<250	<500	413	--	--	--	--	--	2.64
MW-119	9/26/00	--	108.35	9.44	--	0.00	98.91	<250	<500	--	--	--	--	--	--	<1.0
MW-119	12/13/00	--	108.35	8.86	--	0.00	99.49	<250	<500	--	--	--	--	--	--	1.79
MW-119	2/28/01	--	108.35	8.56	--	0.00	99.79	<250	<500	227	--	--	--	--	--	2.64
MW-119	5/2/01	--	108.35	8.10	--	0.00	100.25	<250	<500	104	--	--	--	--	--	1.56
MW-119	10/30/02	--	108.35	9.76	--	0.00	98.59	<250	<500	<80	<0.500	<0.500	<0.500	<1.00	--	4.2
MW-119	1/23/03	--	108.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-119	4/18/03	--	108.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-119	7/11/03	--	108.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-119	10/31/03	--	108.35	8.62	--	0.00	99.73	<250	<500	<50	<0.500	<0.500	<0.500	<1.00	--	1.315
MW-119	12/30/03	--	108.35	7.40	--	0.00	100.95	<50	<77	<96	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-119	5/3/04	--	108.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-119	7/20/04	--	108.35	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-119	10/7/04	--	108.35	8.85	--	0.00	99.50	<79	<98	<50	--	--	--	--	--	--
MW-119	10/20/05	--	108.35	9.08	--	0.00	99.27	<80	<100	<48	--	--	--	--	--	--
MW-119	9/5/07	--	108.35	9.53	--	0.00	98.82	<800	<1,000	<50	--	--	--	--	--	0.57
MW-119	5/27-28/08	--	108.35		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-119	8/27-29/08	LFP	108.35	9.05	--	0.00	99.30	<79	<99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.52
MW-119	11/17-19/08	LFP	108.35	7.65	--	0.00	100.70	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.29
MW-119	2/16-18/09	LFP	108.35	8.70	--	0.00	99.65	45	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.44

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-119	5/4-6/09	LFP	108.35	8.06	--	0.00	100.29	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.74
MW-119	8/19-21/09	LFP	108.35	9.45	--	0.00	98.90	36	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.25
MW-119	11/18-20/09	LFP	108.35	6.41	--	0.00	101.94	32	<68	150	<0.5	<0.5	<0.5	<0.5	<0.5	1
MW-119	2/8-10/10	LFP	108.35	8.11	--	0.00	100.24	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.33
MW-119	5/12-13/10	LFP	108.35	8.56	--	0.00	99.79	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.69
MW-119	8/12/10	LFP	108.35	9.22	--	0.00	99.13	<30	70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-119	11/3-4/10	LFP	108.35	7.52	--	0.00	100.83	38	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.3
MW-119	2/3-4/11	LFP	108.35	8.22	--	0.00	100.13	30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.30
MW-119	5/24/11	LFP	108.35	8.37	--	0.00	99.98	<30	210	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.49
MW-119	8/23-24/11	--	108.35	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-119	11/7-9/11	LFP	108.35	9.10	--	0.00	99.25	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.34
MW-119	2/6-8/12	LFP	108.35	7.90	--	0.00	100.45	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-119	5/2-4/12	LFP	108.35	8.00	--	0.00	100.35	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.26
MW-119	8/1-3/12	LFP	108.35	9.23	--	0.00	99.12	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.27
MW-119	11/26-28/12	LFP	108.35	7.43	--	0.00	100.92	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-119	2/4-6/13	LFP	108.35	7.99	--	0.00	100.36	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.099
MW-119	5/6-8/13	LFP	108.35	8.76	--	0.00	99.59	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-119	9/9-13/13	LFP	108.35	8.51	--	0.00	99.84	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.26
MW-119	11/18-21/13	LFP	108.35	7.67	--	0.00	100.68	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.80
MW-119	2/4-11/14	LFP	108.35	8.47	--	0.00	99.88	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-119	6/12-14/14	--	108.35		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-119	8/18-21/14	LFP	108.35	9.23	--	0.00	99.12	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-119	11/19-20/14	LFP	108.35	8.50	--	0.00	99.85	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-119	2/17-20/15	LFP	108.35	7.97	--	0.00	100.38	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.18
MW-119	5/11-15/15	LFP	108.35	8.96	--	0.00	99.39	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-119	8/10-11/15	LFP	108.35	9.70	--	0.00	98.65	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-119	11/16-18/15	LFP	108.35	6.43	--	0.00	101.92	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0041
MW-119	5/13-14/16	LFP	108.35	8.39	--	0.00	99.96	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	11/14/16	LFP	108.35	7.70	--	0.00	100.65	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	5/14/17	LFP	108.35	7.85	--	0.00	100.50	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	11/11-12/17	LFP	108.35	7.92	--	0.00	100.43	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	5/11/18	LFP	108.35	8.60	--	0.00	99.75	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	11/11-12/18	LFP	108.35	8.62	--	0.00	99.73	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	11/7-9/11	LFP	108.35	8.00	--	0.00	99.11	220	160	740	<0.5	<0.5	<0.5	<0.5	<0.5	1.8
MW-119	2/6-8/12	LFP	108.35	6.80	--	0.00	100.31	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-119	5/2-4/12	LFP	108.35	6.20	--	0.00	100.91	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-119	8/1-3/12	LFP	108.35	8.11	--	0.00	99.00	59	75	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.29
MW-119	11/26-28/12	LFP	108.35	6.21	--	0.00	100.90	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-119	2/4-6/13	LFP	108.35	6.84	--	0.00	100.27	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-119	5/6-8/13	LFP	108.35	7.64	--	0.00	99.47	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-119	9/9-13/13	LFP	108.35	7.36	--	0.00	99.75	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-119	11/18-21/13	LFP	108.35	6.61	--	0.00	100.50	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.088

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-119	2/4-11/14	LFP	108.35	7.32	--	0.00	99.79	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-119	6/12-14/14	LFP	108.35	7.70	--	0.00	99.41	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-119	8/18-21/14	LFP	108.35	8.13	--	0.00	98.98	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.32
MW-119	11/19-20/14	LFP	108.35	7.37	--	0.00	99.74	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-119	4/27/2019	LFP	108.35	8.39	--	0.00	99.96	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-119	11/3/2019	LFP	108.35	8.34	--	0.00	100.01	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	2/17-20/15	LFP	107.11	6.83	--	0.00	100.28	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-120	5/11-15/15	LFP	107.11	7.71	--	0.00	99.40	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-120	8/10-11/15	LFP	107.11	8.53	--	0.00	98.58	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-120	11/16-18/15	LFP	107.11	4.94	--	0.00	102.17	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0019
MW-120	5/13-14/16	LFP	107.11	7.81	--	0.00	99.30	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	11/14/16	LFP	107.11	6.47	--	0.00	100.64	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	5/14/17	LFP	107.11	6.67	--	0.00	100.44	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	11/11-12/17	LFP	107.11	6.69	--	0.00	100.42	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	5/11/18	LFP	107.11	7.49	--	0.00	99.62	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	11/11-12/18	LFP	107.11	7.46	--	0.00	99.65	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	4/27/2019	--	107.11	Unable to locate			--	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
MW-120	11/3/2019	--	107.11	7.50	--	0.00	99.61	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY								
B-1	2/14/91	--	107.74	--	--	0.00	--	<250	--	**5,100**	--	--	--	--	--	--
B-1	2/14/92	--	107.74	6.90	--	0.00	100.84	--	--	--	--	--	--	--	--	--
B-1	2/18/92	--	107.74	6.72	--	0.00	101.02	--	--	--	--	--	--	--	--	--
B-1	3/13/92	--	107.74	6.93	--	0.00	100.81	--	--	<50	--	--	--	--	--	--
B-1	4/21/92	--	107.74	6.66	--	0.00	101.08	--	--	--	--	--	--	--	--	--
B-1	8/22/95	--	107.74	8.03	--	0.00	99.71	<250	<750	<50	--	--	--	--	--	--
B-1	11/28/95	--	107.74	6.13	--	0.00	101.61	<250	<750	<50	--	--	--	--	--	<2
B-1	3/11/96	--	107.74	6.99	--	0.00	100.75	<250	<750	<50	--	--	--	--	--	7.5
B-1	6/26/96	--	107.74	7.73	--	0.00	100.01	<250	<750	<50	--	--	--	--	--	<2
B-1	10/9/96	--	107.74	8.05	--	0.00	99.69	<250	<750	<50	--	--	--	--	--	<2
B-1	2/12/97	--	107.74	6.46	--	0.00	101.28	<250	<750	<50	--	--	--	--	--	<2
B-1	4/22/97	--	107.74	6.25	--	0.00	101.49	<250	<750	<50	--	--	--	--	--	<2
B-1	8/5/97	--	107.74	8.20	--	0.00	99.54	<250	<750	<50	--	--	--	--	--	<2
B-1	11/11/97	--	107.74	6.84	--	0.00	100.90	300	<750	<50	--	--	--	--	--	<2
B-1	2/11/98	--	107.74	6.70	--	0.00	101.04	<250	<750	<50	--	--	--	--	--	<2
B-1	5/28/98	--	107.74	6.85	--	0.00	100.89	<250	<750	<50	--	--	--	--	--	<1
B-1	8/20/98	--	107.74	9.42	--	0.00	98.32	<250	<750	<50	--	--	--	--	--	<1
B-1	11/19/98	--	107.74	7.43	--	0.00	100.31	<250	<750	<50	--	--	--	--	--	<1
B-1	3/11/99	--	107.74	6.34	--	0.00	101.40	<250	<750	<80	--	--	--	--	--	<1
B-1	5/25/99	--	107.74	7.60	--	0.00	100.14	<1,450	--	<80	--	--	--	--	--	--
B-1	8/17/99	--	107.74	8.28	--	0.00	99.46	<250	<500	<80	--	--	--	--	--	<1
B-1	11/19/99	--	107.74	5.90	--	0.00	101.84	<250	--	<80	--	--	--	--	--	<1

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-1	3/9/00	--	107.74	6.38	--	0.00	101.36	<250	<500	<80	--	--	--	--	--	<1
B-1	6/12/00	--	107.74	6.26	--	0.00	101.48	<250	<500	<80	--	--	--	--	--	<1
B-1	9/26/00	--	107.74	8.51	--	0.00	99.23	<250	<500	--	--	--	--	--	--	<1
B-1	12/13/00	--	107.74	7.69	--	0.00	100.05	<250	<500	--	--	--	--	--	--	<1
B-1	2/28/01	--	107.74	7.37	--	0.00	100.37	<250	<500	<80	--	--	--	--	--	<1
B-1	5/2/01	--	107.74	6.69	--	0.00	101.05	<250	<500	109	--	--	--	--	--	<1
B-1	10/30/02	--	107.74	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-1	1/23/03	--	107.74	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-1	4/18/03	--	107.74	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-1	7/11/03	--	107.74	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-1	10/31/03	--	107.74	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-1	12/30/03	--	107.74	6.11	--	0.00	101.63	<50	<78	<98	<0.5	<0.5	<0.5	<1.5	--	<1.2
B-1	5/3/04	--	107.74	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-1	7/20/04	--	107.74	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-1	10/6/04	--	107.74	8.87	--	0.00	98.87	81	100	<50	--	--	--	--	--	--
B-1	10/24/05	--	107.74	7.96	--	0.00	99.78	<81	<100	<48	--	--	--	--	--	--
B-1	9/5/07	--	107.74	8.60	--	0.00	99.14	<80	<100	<50	--	--	--	--	--	0.13
B-1	5/27-28/08	LFP	107.74	7.85	--	0.00	99.89	<75	<94	<50	<0.5	0.6	<0.5	<0.5	<0.5	<0.050
B-1	8/27-29/08	LFP	107.74	8.00	--	0.00	99.74	<82	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	11/17-19/08	LFP	107.74	6.39	--	0.00	101.35	83	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	2/16-18/09	LFP	107.74	7.55	--	0.00	100.19	300	**2,000**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.098
B-1	5/4-6/09	LFP	107.74	6.47	--	0.00	101.27	39	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	8/19-21/09	LFP	107.74	8.54	--	0.00	99.20	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	11/18-20/09	LFP	107.74	5.35	--	0.00	102.39	60	<69	66	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
B-1	2/8-10/10	LFP	107.74	6.89	--	0.00	100.85	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	5/12-13/10	LFP	107.74	7.34	--	0.00	100.40	70	82	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	8/11/10	LFP	107.74	8.16	--	0.00	99.58	<30	83	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	11/3-4/10	LFP	107.74	6.02	--	0.00	101.72	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	2/3-4/11	LFP	107.74	7.03	--	0.00	100.71	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	5/24/11	LFP	107.74	7.10	--	0.00	100.64	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	8/23-24/11	LFP	107.74	8.46	--	0.00	99.28	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-1	11/7-9/11	LFP	107.74	8.10	--	0.00	99.64	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-1	2/6-8/12	LFP	107.74	6.75	--	0.00	100.99	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
B-1	5/2-4/12	LFP	107.74	6.45	--	0.00	101.29	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-1	8/1-3/12	LFP	107.74	8.23	--	0.00	99.51	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
B-1	11/26-28/12	LFP	107.74	6.29	--	0.00	101.45	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
B-1	2/4-6/13	LFP	107.74	6.81	--	0.00	100.93	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-1	5/6-8/13	LFP	107.74	8.66	--	0.00	99.08	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-1	9/9-13/13	LFP	107.74	7.18	--	0.00	100.56	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-1	11/18-22/13	LFP	107.74	6.64	--	0.00	101.10	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-1	2/4-11/14	LFP	107.74	7.25	--	0.00	100.49	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-1	6/12-14/14	LFP	107.74	7.87	--	0.00	99.87	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-1	8/18-21/14	LFP	107.74	8.40	--	0.00	99.34	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	11/19-20/14	LFP	107.74	7.43	--	0.00	100.31	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	2/17-20/15	LFP	107.74	6.79	--	0.00	100.95	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	5/11-15/15	LFP	107.74	8.77	--	0.00	98.97	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	8/10-11/15	LFP	107.74	8.80	--	0.00	98.94	<28/89	<66/74	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
B-1	11/16-18/15	LFP	107.74	4.69	--	0.00	103.05	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00063
B-1	5/13-14/16	LFP	107.74	7.80	--	0.00	99.94	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
B-1	11/14/16	LFP	107.74	6.15	--	0.00	101.59	51	<67	<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
B-1	5/14/17	LFP	107.74	6.51	--	0.00	101.23	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
B-1	11/11-12/17	LFP	107.74	7.42	--	0.00	100.32	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.11
B-1	5/11/18	LFP	107.74	7.31	--	0.00	100.43	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
B-1	11/11-12/18	LFP	107.74	7.48	--	0.00	100.26	30	<67	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-1	4/27/2019	LFP	107.74	7.23	--	0.00	100.51	32 J	<66	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-1	11/3/2019	LFP	107.74	7.45	--	0.00	100.29	<29	<66	<19	<0.2	<0.2	<0.4	<1	--	0.30 J
B-2	2/14/91	--	108.99	--	--	0.00	--	<250	--	180	--	--	--	--	--	--
B-2	2/14/92	--	108.99	8.08	--	0.00	100.91	--	--	--	--	--	--	--	--	--
B-2	2/18/92	--	108.99	7.97	--	0.00	101.02	--	--	--	--	--	--	--	--	--
B-2	3/9/92	--	108.99	7.88	--	0.00	101.11	--	--	--	--	--	--	--	--	--
B-2	3/13/92	--	108.99	8.12	--	0.00	100.87	--	--	--	--	--	--	--	--	--
B-2	4/21/92	--	108.99	7.82	--	0.00	101.17	--	--	--	--	--	--	--	--	--
B-2	8/22/95	--	108.99	9.30	--	0.00	99.69	<250	<750	<50	--	--	--	--	--	--
B-2	11/27/95	--	108.99	7.33	--	0.00	101.66	<250	<750	<50	--	--	--	--	--	<2
B-2	3/12/96	--	108.99	8.20	--	0.00	100.79	<250	<750	<50	--	--	--	--	--	<2
B-2	6/27/96	--	108.99	8.95	--	0.00	100.04	<250	<750	<50	--	--	--	--	--	<2
B-2	10/10/96	--	108.99	9.28	--	0.00	99.71	<250	<750	<50	--	--	--	--	--	<2
B-2	2/12/97	--	108.99	7.73	--	0.00	101.26	<250	<750	<50	--	--	--	--	--	<2
B-2	4/22/97	--	108.99	7.41	--	0.00	101.58	<250	<750	<50	--	--	--	--	--	2
B-2	8/5/97	--	108.99	9.40	--	0.00	99.59	<250	<750	<50	--	--	--	--	--	<2
B-2	11/11/97	--	108.99	8.00	--	0.00	100.99	<250	<750	<50	--	--	--	--	--	<2
B-2	2/11/98	--	108.99	7.90	--	0.00	101.09	<250	<750	<50	--	--	--	--	--	<2
B-2	5/28/98	--	108.99	8.03	--	0.00	100.96	<250	<750	<50	--	--	--	--	--	<1
B-2	8/20/98	--	108.99	10.64	--	0.00	98.35	<250	<750	<50	--	--	--	--	--	<1
B-2	11/19/98	--	108.99	8.67	--	0.00	100.32	<250	<750	<50	--	--	--	--	--	<1
B-2	3/11/99	--	108.99	7.56	--	0.00	101.43	<250	<500	<80	--	--	--	--	--	<1
B-2	5/25/99	--	108.99	8.82	--	0.00	100.17	<250	<1,600	<80	--	--	--	--	--	--
B-2	8/17/99	--	108.99	9.51	--	0.00	99.48	<250	<500	<80	--	--	--	--	--	<1
B-2	11/19/99	--	108.99	7.08	--	0.00	101.91	<250	<500	<80	--	--	--	--	--	<1
B-2	3/9/00	--	108.99	7.59	--	0.00	101.40	<250	<500	<80	--	--	--	--	--	<1
B-2	6/12/00	--	108.99	8.00	--	0.00	100.99	<250	<500	<80	--	--	--	--	--	<1
B-2	9/26/00	--	108.99	9.74	--	0.00	99.25	<250	<500	--	--	--	--	--	--	<1
B-2	12/13/00	--	108.99	8.91	--	0.00	100.08	<250	<500	--	--	--	--	--	--	<1

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-2	2/28/01	--	108.99	8.59	--	0.00	100.40	<250	<500	<80	--	--	--	--	--	<1
B-2	5/2/01	--	108.99	7.89	--	0.00	101.10	<250	<500	<80	--	--	--	--	--	<1
B-2	10/30/02	--	108.99	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-2	1/23/03	--	108.99	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-2	4/18/03	--	108.99	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-2	7/11/03	--	108.99	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-2	10/31/03	--	108.99	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-2	12/30/03	--	108.99	7.36	--	0.00	101.63	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	<1.2
B-2	5/3/04	--	108.99	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-2	7/20/04	--	108.99	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
B-2	10/6/04	--	108.99	7.65	--	0.00	101.34	<79	<99	<50	--	--	--	--	--	--
B-2	7/18/05	--	108.99	9.20	--	0.00	99.79	<77	<96	<48	--	--	--	--	--	--
B-2	10/21/05	--	108.99	9.17	--	0.00	99.82	<82	<100	<48	--	--	--	--	--	--
B-2	9/5/07	--	108.99	9.83	--	0.00	99.16	<81	<100	<50	--	--	--	--	--	0.1
B-2	5/27-28/08	--	108.99	UNABLE TO LOCATE				--	--	--	--	--	--	--	--	--
B-2	8/27-29/08	LFP	108.99	9.28	--	0.00	99.71	<80	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	11/17-19/08	LFP	108.99	7.57	--	0.00	101.42	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	2/16-18/09	LFP	108.99	8.77	--	0.00	100.22	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.070
B-2	5/4-6/09	LFP	108.99	7.69	--	0.00	101.30	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	8/19-21/09	LFP	108.99	9.75	--	0.00	99.24	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	11/18-20/09	LFP	108.99	6.46	--	0.00	102.53	94	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
B-2	2/8-10/10	LFP	108.99	8.10	--	0.00	100.89	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	5/12-13/10	LFP	108.99	8.55	--	0.00	100.44	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	8/11/10	LFP	108.99	9.38	--	0.00	99.61	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	11/3-4/10	LFP	108.99	7.20	--	0.00	101.79	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	2/3-4/11	LFP	108.99	8.25	--	0.00	100.74	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	5/24/11	LFP	108.99	8.33	--	0.00	100.66	<30	140	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	8/23-24/11	LFP	108.99	9.70	--	0.00	99.29	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.26
B-2	11/7-9/11	LFP	108.99	9.30	--	0.00	99.69	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-2	2/6-8/12	LFP	108.99	7.95	--	0.00	101.04	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
B-2	5/2-4/12	LFP	108.99	7.40	--	0.00	101.59	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-2	8/1-3/12	LFP	108.99	8.20	--	0.00	100.79	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
B-2	11/26-28/12	LFP	108.99	7.47	--	0.00	101.52	<37	<86	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
B-2	2/4-6/13	LFP	108.99	8.04	--	0.00	100.95	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-2	5/6-8/13	LFP	108.99	8.89	--	0.00	100.10	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-2	9/9-13/13	LFP	108.99	8.41	--	0.00	100.58	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	11/18-22/13	LFP	108.99	7.77	--	0.00	101.22	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	2/4-11/14	LFP	108.99	8.47	--	0.00	100.52	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	6/12-14/14	LFP	108.99	8.91	--	0.00	100.08	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	8/18-21/14	LFP	108.99	9.53	--	0.00	99.46	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-2	11/19-20/14	LFP	108.99	8.54	--	0.00	100.45	<29/<29	<68/<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-2	2/17-20/15	LFP	108.99	7.93	--	0.00	101.06	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-2	5/11-15/15	LFP	108.99	8.91	--	0.00	100.08	<28/<28	<66/<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-2	8/10-11/15	LFP	108.99	10.01	--	0.00	98.98	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.20
B-2	11/16-18/15	LFP	108.99	5.75	--	0.00	103.24	<29/<29	<67/<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00060
B-2	5/13-14/16	LFP	108.99	9.02	--	0.00	99.97	37	<67	<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
B-2	11/14/16	LFP	108.99	7.47	--	0.00	101.52	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
B-2	5/14/17	LFP	108.99	7.72	--	0.00	101.27	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
B-2	11/11-12/17	LFP	108.99	6.41	--	0.00	102.58	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--	<0.11
B-2	5/11/18	LFP	108.99	8.47	--	0.00	100.52	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
B-2	11/11-12/18	LFP	108.99	8.63	--	0.00	100.36	<29	<67	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-2	4/27/2019	LFP	108.99	8.43	--	0.00	100.56	31 J	<66	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-2	11/3/2019	LFP	108.99	8.66	--	0.00	100.33	67 J	<66	<19	<0.2	<0.2	<0.4	<1	--	1.2
B-3	2/14/91	--	108.46	--	--	0.00	--	<250	--	**98,000**	--	--	--	--	--	--
B-3	2/14/92	--	108.46	7.82	--	0.00	100.64	--	--	--	--	--	--	--	--	--
B-3	2/18/92	--	108.46	7.82	--	0.00	100.64	--	--	--	--	--	--	--	--	--
B-3	3/9/92	--	108.46	7.55	--	0.00	100.91	--	--	--	--	--	--	--	--	--
B-3	3/13/92	--	108.46	7.82	--	0.00	100.64	**31,000**	--	**28,000**	--	--	--	--	--	--
B-3	4/21/92	--	108.46	7.50	--	0.00	100.96	--	--	--	--	--	--	--	--	--
B-3	3/3/94	--	108.46	--	--	0.00	--	**3,940**	<750	**43,000**	--	--	--	--	--	--
B-3	8/23/95	--	108.46	8.93	--	0.00	99.53	**2,600**	<750	**46,000**	--	--	--	--	--	--
B-3	11/28/95	--	108.46	7.12	--	0.00	101.34	**1,500**	<750	**63,000**	--	--	--	--	--	--
B-3	3/12/96	--	108.46	7.85	--	0.00	100.61	**900**	<750	**42,000**	--	--	--	--	--	--
B-3	6/27/96	--	108.46	8.67	--	0.00	99.79	**1,510**	**1,080**	**37,900**	--	--	--	--	--	--
B-3	10/10/96	--	108.46	8.97	--	0.00	99.49	**729**	<750	**16,200**	--	--	--	--	--	--
B-3	2/12/97	--	108.46	7.55	--	0.00	100.91	**4,060**	**986**	**35,200**	--	--	--	--	--	--
B-3	4/22/97	--	108.46	7.30	--	0.00	101.16	**3,980**	**767**	**31,900**	--	--	--	--	--	--
B-3	8/2/97	--	108.46	9.05	--	0.00	99.41	**3,370**	**1,270**	**20,400**	--	--	--	--	--	--
B-3	11/11/97	--	108.46	6.76	--	0.00	101.70	**3,230**	**777**	**28,400**	--	--	--	--	--	--
B-3	2/11/98	--	108.46	7.54	--	0.00	100.92	**3,240**	**1,460**	**28,400**	--	--	--	--	--	--
B-3	5/28/98	--	108.46	7.76	--	0.00	100.70	**3,360**	<750	**34,600**	--	--	--	--	**29.5**	--
B-3	8/20/98	--	108.46	10.30	--	0.00	98.16	**2,150**	<750	**32,900**	--	--	--	--	<1.89	--
B-3	11/19/98	--	108.46	8.39	--	0.00	100.07	**6,650**	<3,750	**23,800**	--	--	--	--	--	--
B-3	3/11/99	--	108.46	7.15	--	0.00	101.31	**2,920**	<5,000	**17,000**	--	--	--	--	--	--
B-3	5/25/99	--	108.46	8.50	--	0.00	99.96	**1,850**	--	**30,500**	--	--	--	--	--	--
B-3	8/17/99	--	108.46	9.15	--	0.00	99.31	**2,570**	**711**	**29,600**	--	--	--	--	--	--
B-3	11/19/99	--	108.46	6.76	--	0.00	101.70	**7,880**	--	**30,700**	--	--	--	--	--	--
B-3	3/9/00	--	108.46	7.24	--	0.00	101.22	<250	<500	**10,400**	--	--	--	--	--	--
B-3	6/13/00	--	108.46	8.15	--	0.00	100.31	<250	<500	**23,000**	--	--	--	--	--	--
B-3	9/26/00	--	108.46	9.35	--	0.00	99.11	<250	<500	--	--	--	--	--	--	--
B-3	12/13/00	--	108.46	8.58	--	0.00	99.88	<250	<500	**21,600**	--	--	--	--	--	--
B-3	2/28/01	--	108.46	8.28	--	0.00	100.18	<250	<500	**25,700**	--	--	--	--	--	--
B-3	5/2/01	--	108.46	7.79	--	0.00	100.67	<250	<500	**17,200**	--	--	--	--	--	--

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All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-3	10/30/02	--	108.46	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-3	1/23/03	--	108.46	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-3	4/18/03	--	108.46	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-3	7/11/03	--	108.46	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-3	10/31/03	--	108.46	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-3	12/30/03	--	108.46	7.04	--	0.00	101.42	**14,000**	**3,800**	<980	<5.0	1.9	130	61	--	**17.3**
B-3	5/3/04	--	108.46	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
B-3	7/20/04	--	108.46	9.31	--	0.00	99.15	**1,220**	<500	**13,200**	**12.5**	<10.0	874	204	--	**24.6**[5]
B-3	10/6/04	--	108.46	8.68	--	0.00	99.78	**1,200**	<500	**13,000**	--	--	--	--	--	--
B-3	1/27/05	--	108.46	7.70	--	0.00	100.76	**1,100**	<190	**6,200**	--	--	--	--	--	--
B-3	4/12/05	--	108.46	7.21	--	0.00	101.25	**1,200**	<100	**5,300**	--	--	--	--	--	--
B-3	7/18/05	--	108.46	8.83	--	0.00	99.63	**1,200**	<97	**6,400**	--	--	--	--	--	--
B-3	10/21/05	--	108.46	8.85	--	0.00	99.61	**2,400**	<510	**8,900**	--	--	--	--	--	--
B-3	9/4/07	--	108.46	9.41	--	0.00	99.05	**1,500**	<200	**10,000**	--	--	--	--	--	--
B-3	5/27-28/08	LFP	108.46	8.73	--	0.00	99.73	**2,400**	<540	**3,700**	2	2	98	3	<0.5	**20.2**
B-3	8/27-29/08	LFP	108.46	8.85	--	0.00	99.61	**2,400**	<98	**10,000**	**5**	2	230	17	<0.5	**21.5**
B-3	11/17-19/08	LFP	108.46	7.13	--	0.00	101.33	**1,700**	<690	**7,100**	<0.5	<0.5	57	2	<0.5	**20**
B-3	2/16-18/09	LFP	108.46	8.40	--	0.00	100.06	**1,900**	<340	**8,800**	**180**	130	130	21	<0.5	**19.5**
B-3	5/4-6/09	LFP	108.46	7.65	--	0.00	100.81	**2,400**	<340	**5,800**	**68**	15	120	7	<0.5	13.1
B-3	8/19-21/09	LFP	108.46	9.33	--	0.00	99.13	**2,900**	<360	**5,900**	**39**	10	170	16	<0.5	**19**
B-3	11/18-20/09	LFP	108.46	6.35	--	0.00	102.11	**2,200**	<340	**2,500**	1	<0.5	12	1	<0.5	**16.5**
B-3	2/8-10/10	LFP	108.46	7.73	--	0.00	100.73	**1,700**	140	**6,200**	2	<0.5	25	1	<0.5	9.9
B-3	5/12-13/10	LFP	108.46	8.18	--	0.00	100.28	**1,200**	<68	**8,200**	2	<0.5	47	2	<0.5	10.3
B-3	8/11/10	LFP	108.46	9.00	--	0.00	99.46	**2,700**	<340	**5,900**	**7**	1.0	270	20	<0.5	**19.3**
B-3	11/3-4/10	LFP	108.46	6.96	--	0.00	101.50	**2,500**	<350	**3,100**	0.60	<0.5	24	1	<0.5	13.3
B-3	2/3-4/11	LFP	108.46	6.70	--	0.00	101.76	**1,400**	<340	**4,900**	0.80	<0.5	53	2	<0.5	10.2
B-3	5/24/11	LFP	108.46	7.96	--	0.00	100.50	**1,200**	300	**1,800**	1	<0.5	76	3	<0.5	14
B-3	8/23-24/11	LFP	108.46	9.24	--	0.00	99.22	**960**	<72	**3,700**	**8**	2	160	8	<0.5	11.7
B-3	11/7-9/11	LFP	108.46	8.95	--	0.00	99.51	**1,500**	460	**5,800**	**7**	2	180	6	<0.5	12.3
B-3	2/6-8/12	LFP	108.46	7.40	--	0.00	101.06	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	4.4
B-3	5/2-4/12	LFP	108.46	7.50	--	0.00	100.96	53	<72	**1,300**	<0.5	<0.5	19	<0.5	0.7	3.9
B-3	8/1-3/12	LFP	108.46	8.24	--	0.00	100.22	460	110	600	0.6	<0.5	1	<0.5	<0.5	8.0
B-3	11/26-28/12	LFP	108.46	6.98	--	0.00	101.48	73	<68	500	<0.5	<0.5	0.8	<0.5	<0.5	7.4
B-3	2/4-6/13	LFP	108.46	6.33	--	0.00	102.13	45	<66	120	<0.5	<0.5	<0.5	<0.5	<0.5	5.6
B-3	5/6-8/13	LFP	108.46	8.50	--	0.00	99.96	150	<67	**2,600**	<0.5	<0.5	73	3	<0.5	8.9
B-3	9/9-13/13	LFP	108.46	8.09	--	0.00	100.37	160/**2,700**	<66/72	**1,700**	0.6	<0.5	37	0.9	<0.5	**16.0**
B-3	11/18-22/13	LFP	108.46	6.45	--	0.00	102.01	42/**1,600**	<67/180	190	<0.5	<0.5	<0.5	<0.5	<0.5	11.2
B-3	2/4-11/14	LFP	108.46	8.10	--	0.00	100.36	36/**730**	<67/<67	480	<0.5	<0.5	2	<0.5	<0.5	7.4
B-3	6/12-14/14	LFP	108.46	8.69	--	0.00	99.77	100/**780**	<66/100	260	<0.5	<0.5	1	<0.5	<0.5	8.3
B-3	8/18-21/14	LFP	108.46	9.23	--	0.00	99.23	180/**1,000**	<68/170	**1,000**	<0.5	<0.5	9	0.7	<0.5	8.9
B-3	11/19-20/14	LFP	108.46	8.17	--	0.00	100.29	130/**1,400**	<67/160	**900**	<0.5	<0.5	7	<0.5	<0.5	13.4
B-3	2/17-20/15	LFP	108.46	6.36	--	0.00	102.10	150/490	<66/180	650	<0.5	<0.5	<0.5	<0.5	<0.5	2.9

Table 2
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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-3	5/11-15/15	LFP	108.46	8.16	--	0.00	100.30	120/690	<66/<66	**1,400**	<0.5	<0.5	33	0.9	<0.5	0.0081
B-3	8/10-11/15	LFP	108.46	9.59	--	0.00	98.87	130/**2,000**	<67/**550**	660	<0.5	<0.5	5	0.5	<0.5	9.5
B-3	11/16-18/15	LFP	108.46	5.58	--	0.00	102.88	57/**1,200**	<67/180	**880**	<0.5	<0.5	2	<0.5	<0.5	0.0185
B-3	5/13-14/16	LFP	108.46	8.64	--	0.00	99.82	38/**650**	<67/220	400	<0.5	<0.5	1	<0.5	--	5.1
B-3	11/14/16	LFP	108.46	7.45	--	0.00	101.01	<29/380	<67/<67	560	<0.5	<0.5	1	<0.5	--	10.6
B-3	5/14/17	LFP	108.46	7.44	--	0.00	101.02	<28/92	<66/<66	230	<0.5	<0.5	1	<0.5	--	2.3
B-3	11/11-12/17	LFP	108.46	7.47	--	0.00	100.99	32/270	<67/<67	**860**	3	<0.5	2	<0.5	--	11.4
B-3	5/11/18	LFP	108.46	8.14	--	0.00	100.32	33/82	<67/68	**900**	<0.5	<0.5	5	<0.5	<0.5	0.76
B-3	11/11-12/18	LFP	108.46	8.24	--	0.00	100.22	180/**2,800**	<66/370	**2,100**	0.9	0.3	5	<1	--	11.1
B-3	4/27/2019	LFP	108.46	8.02	--	0.00	100.44	160	<66	<19	<0.2	<0.2	<0.4	<1	--	3.4
B-3	11/3/2019	LFP	108.46	8.25	--	0.00	100.21	90 J/**1,400**	<67/84 J	**1,500**	0.2 J	0.3 J	8	<1	--	8.2
B-4	2/14/91	--	107.68	--	--	0.00	--	<250	--	**33,000**	--	--	--	--	--	--
B-4	2/14/92	--	107.68	6.82	--	0.00	100.86	--	--	--	--	--	--	--	--	--
B-4	2/18/92	--	107.68	5.94	--	0.00	101.74	--	--	--	--	--	--	--	--	--
B-4	3/9/92	--	107.68	6.62	--	0.00	101.06	--	--	--	--	--	--	--	--	--
B-4	3/13/92	--	107.68	6.88	--	0.00	100.80	--	--	**21,000**	--	--	--	--	--	--
B-4	4/21/92	--	107.68	6.57	--	0.00	101.11	--	--	--	--	--	--	--	--	--
B-4	3/3/94	--	107.68	--	--	0.00	--	**1,040**	**1,250**	**15,800**	--	--	--	--	--	--
B-4	8/22/95	--	107.68	7.92	--	0.00	99.76	**840**	**820**	**22,000**	--	--	--	--	--	--
B-4	11/28/95	--	107.68	6.11	--	0.00	101.57	**1,900**	**990**	**22,000**	--	--	--	--	--	3.1
B-4	3/12/96	--	107.68	6.85	--	0.00	100.83	**3,200**	**2,500**	**11,000**	--	--	--	--	--	4.7
B-4	6/26/96	--	107.68	7.58	--	0.00	100.10	**757**	<750	**16,100**	--	--	--	--	--	2.83
B-4	10/9/96	--	107.68	7.90	--	0.00	99.78	**543**	<750	**10,200**	--	--	--	--	--	4.13
B-4	2/12/97	--	107.68	6.01	--	0.00	101.67	**4,710**	**4,830**	**12,200**	--	--	--	--	--	2.82
B-4	4/22/97	--	107.68	10.10	--	0.00	97.58	**5,840**	**1,191**	**15,500**	--	--	--	--	--	4.18
B-4	8/5/97	--	107.68	8.37	--	0.00	99.31	**2,560**	**3,160**	**15,800**	--	--	--	--	--	6.26
B-4	11/11/97	--	107.68	7.67	--	0.00	100.01	**2,080**	**1,040**	**31,100**	--	--	--	--	--	4.75
B-4	2/11/98	--	107.68	6.45	--	0.00	101.23	**1,340**	**1,630**	**3,750**	--	--	--	--	--	<2.0
B-4	5/28/98	--	107.68	7.25	--	0.00	100.43	**3,180**	**1,250**	**2,510**	--	--	--	--	--	4.69
B-4	8/20/98	--	107.68	9.12	--	0.00	98.56	**1,460**	**1,240**	**7,240**	--	--	--	--	--	1.17
B-4	11/19/98	--	107.68	7.22	--	0.00	100.46	**2,470**	**3,750**	**1,880**	--	--	--	--	--	<1.0
B-4	3/11/99	--	107.68	5.41	--	0.00	102.27	**1,130**	**585**	**11,900**	--	--	--	--	--	3.54
B-4	5/25/99	--	107.68	7.45	--	0.00	100.23	<1,450	--	**5,380**	--	--	--	--	--	--
B-4	8/17/99	--	107.68	8.06	--	0.00	99.62	**670**	**868**	**2,700**	--	--	--	--	--	2.3
B-4	11/19/99	--	107.68	5.75	--	0.00	101.93	**1,700**	--	**11,400**	--	--	--	--	--	**17.5**
B-4	3/9/00	--	107.68	6.34	--	0.00	101.34	<1,250	**2,830**	**105,000**	--	--	--	--	--	10.9
B-4	6/13/00	--	107.68	6.80	--	0.00	100.88	<250	**943**	**8,810**	--	--	--	--	--	6.92
B-4	9/26/00	--	107.68	8.31	--	0.00	99.37	<250	0.565	--	--	--	--	--	--	5
B-4	12/13/00	--	107.68	7.54	--	0.00	100.14	**1,250**	<500	--	--	--	--	--	--	5.98
B-4	2/28/01	--	107.68	7.24	--	0.00	100.44	<250	<500	**12,100**	--	--	--	--	--	5.34
B-4	5/2/01	--	107.68	6.59	--	0.00	101.09	**15,700**	**757**	**12,300**	--	--	--	--	--	5.75

Table 2
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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-4	10/30/02	--	107.68	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-4	1/23/03	--	107.68	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-4	4/18/03	--	107.68	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-4	7/11/03	--	107.68	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-4	10/31/03	--	107.68	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-4	12/30/03	--	107.68	6.07	--	0.00	101.61	**17,000**	**2,000**	**1,700**	<10	<5.0	310	370	--	7.5
B-4	5/3/04	--	107.68	UNABLE TO LOCATE - PAVED OVER					--	--	--	--	--	--	--	--
B-4	7/20/04	--	107.68	8.23	--	0.00	99.45	<250	<500	**4,660**	**15.1**	1.3	42.3	10.1	--	--
B-4	10/6/04	--	107.68	7.45	--	0.00	100.23	390	180	**2,300**	--	--	--	--	--	--
B-4	1/27/05	--	107.68	6.72	--	0.00	100.96	200	<195	**2,800**	--	--	--	--	--	--
B-4	4/12/05	--	107.68	6.62	--	0.00	101.06	340	<100	**2,600**	--	--	--	--	--	--
B-4	7/18/05	--	107.68	6.62	--	0.00	101.06	**560**	<1,100	**1,600**	--	--	--	--	--	--
B-4	10/21/05	--	107.68	7.81	--	0.00	99.87	190	260	**1,800**	--	--	--	--	--	--
B-4	9/4/07	--	107.68	8.40	--	0.00	99.28	310	<100	**3,200**	--	--	--	--	--	1.8
B-4	9/4/07 (D)	--	107.68	8.40	--	0.00	99.28	340	140	**3,300**	--	--	--	--	--	1.7
B-4	5/27-28/08	LFP	107.68	7.52	--	0.00	100.16	310	330	**1,800**	3	3	25	7	<0.5	2.9
B-4	8/27-29/08	LFP	107.68	7.88	--	0.00	99.80	330	**1,100**	**3,100**	1	0.9	22	4	<0.5	1.6
B-4	11/17-19/08	LFP	107.68	6.26	--	0.00	101.42	**700**	**2,600**	**3,500**	1	0.7	27	3	<0.5	2.3
B-4	2/16-18/09	LFP	107.68	7.40	--	0.00	100.28	440	480	**2,000**	0.6	<0.5	11	2	<0.5	2
B-4	5/4-6/09	LFP	107.68	6.46	--	0.00	101.22	**590**	**1,300**	**2,100**	<0.5	<0.5	20	2	<0.5	1.6
B-4	8/19-21/09	LFP	107.68	8.35	--	0.00	99.33	**590**	**810**	**910**	1	<0.5	5	1	<0.5	1.2
B-4	11/18-20/09	LFP	107.68	5.30	--	0.00	102.38	490	450	**5,700**	3	0.7	36	3	<0.5	5.2
B-4	2/8-10/10	LFP	107.68	6.78	--	0.00	100.90	400	**1,400**	350	<0.5	<0.5	4	<0.5	<0.5	0.46
B-4	5/12-13/10	LFP	107.68	7.23	--	0.00	100.45	**940**	**7,100**	360	<0.5	<0.5	1	<0.5	<0.5	0.15
B-4	8/11/10	LFP	107.68	8.00	--	0.00	99.68	**600**	**2,000**	170	<0.5	<0.5	1	<0.5	<0.5	0.26
B-4	11/3-4/10	LFP	107.68	6.19	--	0.00	101.49	400	**1,500**	530	<0.5	<0.5	4	0.7	<0.5	1
B-4	2/3-4/11	LFP	107.68	7.15	--	0.00	100.53	**1,400**	**4,700**	**2,200**	0.9	0.7	11	1	<0.5	2.9
B-4	5/24/11	LFP	107.68	7.22	--	0.00	100.46	300	**680**	**840**	<0.5	<0.5	0.8	<0.5	<0.5	1.2
B-4	8/23-24/11	LFP	107.68	8.50	--	0.00	99.18	230	<68	**1,400**	<0.5	<0.5	1	0.6	<0.5	1.4
B-4	11/7-9/11	LFP	107.68	8.15	--	0.00	99.53	120	360	**950**	<0.5	<0.5	1	0.5	<0.5	0.57
B-4	2/6-8/12	LFP	107.68	6.80	--	0.00	100.88	64	120	320	<0.5	<0.5	2	<0.5	<0.5	1.6
B-4	5/2-4/12	LFP	107.68	6.75	--	0.00	100.93	110	72	580	<0.5	<0.05	2	<0.5	<0.5	1.7
B-4	8/1-3/12	LFP	107.68	8.26	--	0.00	99.42	100	190	510	<0.5	<0.5	<0.5	<0.5	<0.5	0.83
B-4	11/26-28/12	LFP	107.68	6.34	--	0.00	101.34	320	210	**1,200**	<0.5	<0.5	8	0.7	<0.5	3.0
B-4	2/4-6/13	LFP	107.68	6.95	--	0.00	100.73	150	<69	**1,600**	<0.5	<0.5	4	<0.5	<0.5	2.5
B-4	5/6-8/13	LFP	107.68	7.53	--	0.00	100.15	140	<67	**2,400**	<0.5	<0.5	4	0.5	<0.5	2.4
B-4	9/9-13/13	LFP	107.68	7.30	--	0.00	100.38	130/250	<66/110	**1,200**	<0.5	<0.5	3	0.5	<0.5	1.6
B-4	11/18-22/13	LFP	107.68	6.76	--	0.00	100.92	120/150	<67/<67	**1,200**	<0.5	<0.5	3	<0.5	<0.5	1.9
B-4	2/4-11/14	LFP	107.68	7.36	--	0.00	100.32	140/170	<68/<68	**1,800**	<0.5	<0.5	3	<0.5	<0.5	2.4
B-4	6/12-14/14	LFP	107.68	7.94	--	0.00	99.74	120/260	<67/73	**1,200**	<0.5	<0.5	1	<0.5	<0.5	1.8
B-4	8/18-21/14	LFP	107.68	8.43	--	0.00	99.25	140/300	<67/88	**1,800**	<0.5	<0.5	1	0.5	<0.5	1.4
B-4	11/19-20/14	LFP	107.68	6.77	--	0.00	100.91	120/270	<66/<66	**1,300**	<0.5	<0.5	2	<0.5	<0.5	2.4

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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
B-4	2/17-20/15	LFP	107.68	6.93	--	0.00	100.75	95/290	240/470	550	<0.5	<0.5	<0.5	<0.5	<0.5	0.73
B-4	5/11-15/15	LFP	107.68	7.91	--	0.00	99.77	130/210	<66/<66	**940**	<0.5	<0.5	1	<0.5	<0.5	0.0016
B-4	8/10-11/15	LFP	107.68	8.94	--	0.00	98.74	66/500	<66/340	600	<0.5	<0.5	<0.5	0.6	<0.5	0.89
B-4	11/16-18/15	LFP	107.68	4.73	--	0.00	102.95	130/**750**	270/**740**	**2,000**	<0.5	<0.5	4	<0.5	<0.5	0.0171
B-4	5/13-14/16	LFP	107.68	7.84	--	0.00	99.84	120/390	300/**550**	**2,100**	<0.5	<0.5	0.9	<0.5	--	0.81
B-4	11/14/16	LFP	107.68	6.30	--	0.00	101.38	400/**1,000**	**610/1,000**	**1,200**	<0.5	<0.5	<0.5	<0.5	--	1.00
B-4	5/14/17	LFP	107.68	6.65	--	0.00	101.03	**520/1,200**	**1,100/2,500**	**2,000**	<0.5	<0.5	<0.5	<0.5	--	12.8
B-4	11/11-12/17	LFP	107.68	6.57	--	0.00	101.11	180/**650**	260/**700**	**3,600**	4	<0.5	1	<0.5	--	0.97
B-4	5/11/18	LFP	107.68	7.39	--	0.00	100.29	180/**650**	260/**700**	**3,600**	4	<0.5	1	<0.5	--	0.97
B-4	11/11-12/18	LFP	107.68	7.52	--	0.00	100.16	110/230	150/330	**1,600**	<0.2	<0.2	<0.4	<1	--	1.8
B-4	4/27/2019	LFP	107.68	7.31	--	0.00	100.37	90 J	<68	940	<0.2	<0.2	<0.4	<1	--	6.9
B-4	11/3/2019	LFP	107.68	7.51	--	0.00	100.17	120/290	270/410	**1,500**	<0.2	<0.2	0.4 J	<1	--	**36.3**
MW-101	2/14/92	--	99.51	6.94	--	--	92.57	**33,000**	--	**45,000**	--	--	--	--	--	--
MW-101	2/18/92	--	99.51	6.88	--	--	92.63	--	--	--	--	--	--	--	--	--
MW-101	3/9/92	--	99.51	6.76	--	--	92.75	--	--	--	--	--	--	--	--	--
MW-101	3/13/92	--	99.51	7.02	--	--	92.49	--	--	--	--	--	--	--	--	--
MW-101	4/21/92	--	99.51	7.73	--	--	91.78	--	--	--	--	--	--	--	--	--
MW-101	3/3/94	--	99.51	--	--	--	--	**1,730**	<750	**73,000**	--	--	--	--	--	--
MW-101	8/22/95	--	99.51	7.90	--	--	91.61	**1,300**	<750	**12,000**	--	--	--	--	--	--
MW-101	11/28/95	--	99.51	6.12	--	--	93.39	**1,400**	<750	**49,000**	--	--	--	--	--	**24**
MW-101	3/12/96	--	99.51	6.86	--	--	92.65	**760**	<750	**43,000**	--	--	--	--	--	9.3
MW-101	6/26/96	--	99.51	7.59	--	--	91.92	**656**	<750	**22,000**	--	--	--	--	--	8.22
MW-101	10/9/96	--	99.51	7.85	--	--	91.66	309	<750	**5,800**	--	--	--	--	--	4.24
MW-101	2/12/97	--	99.51	6.55	--	--	92.96	**1,090**	<750	**33,900**	--	--	--	--	--	7.04
MW-101	4/22/97	--	99.51	6.31	--	--	93.20	**1,870**	**977**	**21,500**	--	--	--	--	--	7.41
MW-101	11/11/97	--	99.51	6.76	--	--	92.75	**952**	<750	**23,400**	--	--	--	--	--	11.3
MW-101	2/11/98	--	99.51	6.78	--	--	92.73	**793**	<750	**28,400**	--	--	--	--	--	6.51
MW-101	5/28/98	--	99.51	6.91	--	--	92.60	**798**	<750	**11,900**	--	--	--	--	--	4.71
MW-101	8/20/98	--	99.51	8.30	--	--	91.21	414	<750	**4,400**	--	--	--	--	--	1.6
MW-101	11/19/98	--	99.51	7.69	--	--	91.82	**714**	<750	**5,820**	--	--	--	--	--	1.7
MW-101	3/11/99	--	99.51	6.17	--	--	93.34	**1,200**	<500	**38,500**	--	--	--	--	--	6.82
MW-101	5/25/99	--	99.51	100.97	--	--	-1.46	**1,450**	--	**18,000**	--	--	--	--	--	--
MW-101	8/17/99	--	99.51	7.99	--	--	91.52	**810**	**750**	**2,940**	--	--	--	--	--	2.9
MW-101	11/19/99	--	99.51	5.84	--	--	93.67	**1,010**	--	**16,300**	--	--	--	--	--	**15.4**
MW-101	3/9/00	--	99.51	6.25	--	--	93.26	<250	<500	**15,800**	--	--	--	--	--	13
MW-101	6/13/00	--	99.51	6.98	--	--	92.53	<250	<500	**4,870**	--	--	--	--	--	4.3
MW-101	9/26/00	--	99.51	8.15	--	--	91.36	--	<250	<500	--	--	--	--	--	1.88
MW-101	12/13/00	--	99.51	7.65	--	--	91.86	**988**	442	<500	--	--	--	--	--	1.13
MW-101	2/28/01	--	99.51	7.25	--	--	92.26	<250	<500	**2,710**	--	--	--	--	--	2.45
MW-101	5/2/01	--	99.51	9.55	--	--	89.96	<250	<500	**2,280**	--	--	--	--	--	2.6
MW-101	10/30/02	--	99.54	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-101	1/23/03	--	99.54	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-101	4/18/03	--	99.54	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-101	7/11/03	--	99.54	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-101	10/31/03	--	99.54	UNABLE TO LOCATE - POSSIBLY PAVED OVER						--	--	--	--	--	--	--
MW-101	12/30/03	--	99.54	6.04	--	0.00	93.50	**13,000**	**890**	<96	<5.0	0.6	260	290	--	**27.9**
MW-101	5/3/04	--	99.54	UNABLE TO LOCATE - POSSIBLY PAVED OVER						--	--	--	--	--	--	--
MW-101	7/20/04	--	99.54	8.18	--	0.00	91.36	<250	<500	**1,040**	3.01	<0.500	0.822	1.21	--	<1.0[5]
MW-101	10/6/04	--	99.51	7.54	--	0.00	91.97	<81	<100	<260	--	--	--	--	--	--
MW-101	1/27/05	--	99.51	6.78	--	0.00	92.73	190	<100	**2,900**	--	--	--	--	--	--
MW-101	4/12/05	--	99.51	6.32	--	0.00	93.19	160	<100	**1,700**	--	--	--	--	--	--
MW-101	7/18/05	--	99.51	7.78	--	0.00	91.73	93	<99	240	--	--	--	--	--	--
MW-101	10/21/05	--	99.51	7.75	--	0.00	91.76	110	<100	470	--	--	--	--	--	--
MW-101	9/5/07	--	99.51	8.22	--	0.00	91.29	110	140	200	--	--	--	--	--	1.2
MW-101	5/27-28/08	LFP	99.51	7.71	--	0.00	91.80	<80	<99	410	<0.5	<0.5	0.5	<0.5	<0.5	1.2
MW-101	8/27-29/08	LFP	99.51	7.75	--	0.00	91.76	<79	<99	450	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-101	11/17-19/08	LFP	99.51	6.33	--	0.00	93.18	74	<68	520	<0.5	<0.5	1	<0.5	<0.5	1.1
MW-101	2/16-18/09	LFP	99.51	7.43	--	0.00	92.08	68	<67	590	<0.5	<0.5	<0.5	<0.5	<0.5	0.96
MW-101	5/4-6/09	LFP	99.51	6.93	--	0.00	92.58	66	<68	370	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-101	8/19-21/09	LFP	99.51	8.16	--	0.00	91.35	65	<70	510	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-101	11/18-20/09	LFP	99.51	4.97	--	0.00	94.54	42	<69	84	<0.5	<0.5	<0.5	<0.5	<0.5	1
MW-101	2/8-10/10	LFP	99.51	6.82	--	0.00	92.69	130	190	**970**	<0.5	<0.5	1	<0.5	<0.5	2.1
MW-101	5/12-13/10	LFP	99.51	7.32	--	0.00	92.19	64	<70	470	<0.5	<0.5	<0.5	<0.5	<0.5	0.65
MW-101	8/12/10	LFP	99.51	7.96	--	0.00	91.55	52	<68	370	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-101	MONITORING	--														
MW-102	2/14/92	--	--	6.94	--	0.00	--	--	--	--	--	--	--	--	--	--
MW-102	2/18/92	--	--	6.88	--	0.00	--	--	--	--	--	--	--	--	--	--
MW-102	3/9/92	--	--	6.76	--	0.00	--	--	--	--	--	--	--	--	--	--
MW-102	3/13/92	--	--	7.02	--	0.00	--	--	--	150	--	--	--	--	--	--
MW-102	4/21/92	--	--	7.72	--	0.00	--	--	--	--	--	--	--	--	--	--
MW-102	NOT PART OF MONITORING/SAMPLING PROGRAM															
MW-104	2/14/92	--	100.45	8.86	--	0.00	91.59	--	--	--	--	--	--	--	--	--
MW-104	2/18/92	--	100.45	8.84	--	0.00	91.61	--	--	--	--	--	--	--	--	--
MW-104	3/9/92	--	100.45	8.73	--	0.00	91.72	--	--	--	--	--	--	--	--	--
MW-104	3/13/92	--	100.45	8.84	--	0.00	91.61	--	--	<50	--	--	--	--	--	--
MW-104	4/21/92	--	100.45	8.72	--	0.00	91.73	--	--	--	--	--	--	--	--	--
MW-104	8/22/95	--	100.45	9.30	--	0.00	91.15	<250	<750	<50	--	--	--	--	--	--
MW-104	11/27/95	--	100.45	8.39	--	0.00	92.06	--	--	--	--	--	--	--	--	--
MW-104	3/12/96	--	100.45	8.78	--	0.00	91.67	--	--	--	--	--	--	--	--	--
MW-104	6/27/96	--	100.45	9.00	--	0.00	91.45	--	--	--	--	--	--	--	--	--
MW-104	10/10/96	--	100.45	9.18	--	0.00	91.27	--	--	--	--	--	--	--	--	--

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-104	2/12/97	--	100.45	8.65	--	0.00	91.80	<250	<750	<50	--	--	--	--	--	<2.0
MW-104	4/22/97	--	100.45	8.50	--	0.00	91.95	<250	<750	<50	--	--	--	--	--	<2.0
MW-104	8/5/97	--	100.45	9.20	--	0.00	91.25	<250	<750	<50	--	--	--	--	--	<2.0
MW-104	11/11/97	--	100.45	8.81	--	0.00	91.64	<250	<750	<50	--	--	--	--	--	<2.0
MW-104	2/11/98	--	100.45	8.83	--	0.00	91.62	<250	<750	<50	--	--	--	--	--	<2.0
MW-104	5/28/98	--	100.45	8.97	--	0.00	91.48	<250	<750	<50	--	--	--	--	--	9.54
MW-104	8/20/98	--	100.45	9.51	--	0.00	90.94	<250	<750	<50	--	--	--	--	--	<1.0
MW-104	11/19/98	--	100.45	9.82	--	0.00	90.63	<250	<750	<50	--	--	--	--	--	<1.0
MW-104	3/11/99	--	100.45	8.48	--	0.00	91.97	<250	<500	<80	--	--	--	--	--	<1.0
MW-104	5/25/99	--	100.45	8.96	--	0.00	91.49	<250	--	<80	--	--	--	--	--	--
MW-104	8/17/99	--	100.45	9.24	--	0.00	91.21	<250	<500	<80	--	--	--	--	--	<1.0
MW-104	11/19/99	--	100.45	8.40	--	0.00	92.05	<250	--	<80	--	--	--	--	--	1.0
MW-104	3/9/00	--	100.45	8.49	--	0.00	91.96	<250	<50	<80	--	--	--	--	--	<1.0
MW-104	6/13/00	--	100.45	8.89	--	0.00	91.56	<250	<500	<80	--	--	--	--	--	<1.0
MW-104	9/26/00	--	100.45	9.32	--	0.00	91.13	<250	<500	--	--	--	--	--	--	<1.0
MW-104	12/13/00	--	100.45	9.09	--	0.00	91.36	<250	<500	--	--	--	--	--	--	<1.0
MW-104	2/28/01	--	100.45	8.89	--	0.00	91.56	<250	<500	<80	--	--	--	--	--	<1.0
MW-104	5/2/01	--	100.45	8.79	--	0.00	91.66	<250	<500	103	--	--	--	--	--	<1.0
MW-104	10/30/02	--	100.44	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-104	1/23/03	--	100.44	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-104	4/18/03	--	100.44	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-104	7/11/03	--	100.44	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-104	10/31/03	--	100.44	9.15	--	0.00	91.29	<250	<500	<50	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-104	12/30/03	--	100.44	8.39	--	0.00	92.05	<50	<77	<96	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-104	5/3/04	--	100.44	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-104	7/20/04	--	100.44	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-104	10/7/04	--	100.45	9.09	--	0.00	91.36	<83	<100	<50	--	--	--	--	--	--
MW-104	10/20/05	--	100.45	9.19	--	0.00	91.26	<82	<100	<48	--	--	--	--	--	--
MW-104	9/6/07	--	100.45	9.42	--	0.00	91.03	<79	<98	<50	--	--	--	--	--	0.087
MW-104	5/27-28/08	--	100.45		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-104	8/27-29/08	LFP	100.45	9.23	--	0.00	91.22	<79	<99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-104	11/17-19/08	LFP	100.46	8.75	--	0.00	91.71	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-104	2/16-18/09	LFP	100.46	9.01	--	0.00	91.45	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.1
MW-104	5/4-6/09	LFP	100.46	8.88	--	0.00	91.58	38	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-104	8/19-21/09	LFP	100.46	9.32	--	0.00	91.14	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.057
MW-104	11/18-20/09	LFP	100.46	8.08	--	0.00	92.38	<29	<68	98	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-104	2/8-10/10	LFP	100.46	8.76	--	0.00	91.70	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.053
MW-104	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED															
MW-105	2/14/92	--	96.14	3.36	--	0.00	92.78	--	--	--	--	--	--	--	--	--
MW-105	2/18/92	--	96.14	3.34	--	0.00	92.80	--	--	--	--	--	--	--	--	--
MW-105	3/9/92	--	96.14	3.25	--	0.00	92.89	--	--	--	--	--	--	--	--	--

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101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-105	3/13/92	--	96.14	3.60	--	0.00	92.54	--	--	<50	--	--	--	--	--	--
MW-105	4/21/92	--	96.14	3.40	--	0.00	92.74	--	--	--	--	--	--	--	--	--
MW-105	8/22/95	--	96.14	5.08	--	0.00	91.06	<250	**900**	<50	--	--	--	--	--	--
MW-105	11/28/95	--	96.14	2.53	--	0.00	93.61	--	--	--	--	--	--	--	--	--
MW-105	3/12/96	--	96.14	3.37	--	0.00	92.77	--	--	--	--	--	--	--	--	--
MW-105	6/26/96	--	96.14	4.74	--	0.00	91.40	--	--	--	--	--	--	--	--	--
MW-105	10/9/96	--	96.14	4.93	--	0.00	91.21	--	--	--	--	--	--	--	--	--
MW-105	2/12/97	--	96.14	3.19	--	0.00	92.95	<250	<750	<50	--	--	--	--	--	2
MW-105	4/22/97	--	96.14	3.08	--	0.00	93.06	<250	<750	<50	--	--	--	--	--	2
MW-105	8/5/97	--	96.14	4.85	--	0.00	91.29	<250	<750	<50	--	--	--	--	--	2
MW-105	11/11/97	--	96.14	3.11	--	0.00	93.03	<250	<750	<50	--	--	--	--	--	2
MW-105	2/11/98	--	96.14	3.24	--	0.00	92.90	<250	<750	<50	--	--	--	--	--	2
MW-105	5/28/98	--	96.14	3.91	--	0.00	92.23	<250	<750	<50	--	--	--	--	--	6.62
MW-105	8/20/98	--	96.14	5.28	--	0.00	90.86	<250	<750	<50	--	--	--	--	--	<1.00
MW-105	11/19/98	--	96.14	5.37	--	0.00	90.77	<250	<750	<50	--	--	--	--	--	<1.00
MW-105	3/11/99	--	96.14	2.43	--	0.00	93.71	<250	<500	<80	--	--	--	--	--	<1.00
MW-105	5/25/99	--	96.14	4.29	--	0.00	91.85	<250	--	<80	--	--	--	--	--	--
MW-105	8/17/99	--	96.14	5.06	--	0.00	91.08	<250	<500	<80	--	--	--	--	--	<1.00
MW-105	11/19/99	--	96.14	3.08	--	0.00	93.06	<250	--	<80	--	--	--	--	--	<1.00
MW-105	3/9/00	--	96.14	2.75	--	0.00	93.39	<250	<500	<80	--	--	--	--	--	<1.00
MW-105	6/13/00	--	96.14	4.45	--	0.00	91.69	<250	<500	<80	--	--	--	--	--	<1.00
MW-105	9/26/00	--	96.14	5.20	--	0.00	90.94	<250	<500	--	--	--	--	--	--	<1.00
MW-105	12/13/00	--	96.14	4.67	--	0.00	91.47	<250	<500	--	--	--	--	--	--	1.37
MW-105	2/28/01	--	96.14	3.92	--	0.00	92.22	<250	<500	<80	--	--	--	--	--	<1.00
MW-105	5/2/01	--	96.14	3.53	--	0.00	92.61	<250	<750	87	--	--	--	--	--	<1.00
MW-105	10/30/02	--	96.15	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-105	1/23/03	--	96.15	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-105	4/18/03	--	96.15	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-105	7/11/03	--	96.15	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-105	10/31/03	--	96.15	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-105	12/31/03	--	96.15	2.45	--	0.00	93.70	<50	<400	<500	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-105	5/3/04	--	96.15	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-105	7/20/04	--	96.15	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-105	10/7/04	--	96.14	4.71	--	0.00	91.43	<160	<200	<50	--	--	--	--	--	--
MW-105	10/20/05	--	96.14	5.16	--	0.00	90.98	<82	<100	<48	--	--	--	--	--	--
MW-105	9/6/07	--	96.14	5.34	--	0.00	90.80	<100	<81	<50	--	--	--	--	--	0.47
MW-105	5/27-28/08	--	96.14	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-105	8/27-29/08	LFP	96.14	5.16	--	0.00	90.98	<81	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-105	11/17-19/08	LFP	96.14	3.75	--	0.00	92.39	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-105	2/16-18/09	LFP	96.14	6.15	--	0.00	89.99	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.57
MW-105	5/4-6/09	LFP	96.14	3.68	--	0.00	92.46	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-105	8/19-21/09	LFP	96.14	5.25	--	0.00	90.89	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.064

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-105	11/18-20/09	LFP	96.14	1.56	--	0.00	94.58	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.053
MW-105	2/8-10/10	LFP	96.14	3.37	--	0.00	92.77	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.078
MW-105	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED															
MW-106	2/14/92	--	99.71	8.18	--	0.00	91.53	--	--	--	--	--	--	--	--	--
MW-106	2/18/92	--	99.71	8.20	--	0.00	91.51	--	--	--	--	--	--	--	--	--
MW-106	3/9/92	--	99.71	8.04	--	0.00	91.67	--	--	--	--	--	--	--	--	--
MW-106	3/13/92	--	99.71	8.18	--	0.00	91.53	--	--	<50	--	--	--	--	--	--
MW-106	4/21/92	--	99.71	8.02	--	0.00	91.69	--	--	--	--	--	--	--	--	--
MW-106	8/22/95	--	99.71	8.79	--	0.00	90.92	<250	<750	<50	--	--	--	--	--	--
MW-106	11/28/95	--	99.71	7.63	--	0.00	92.08	--	--	--	--	--	--	--	--	--
MW-106	3/12/96	--	99.71	8.04	--	0.00	91.67	<250	<750	<50	--	--	--	--	--	<2.0
MW-106	6/26/96	--	99.71	8.61	--	0.00	91.10	<250	<750	<50	--	--	--	--	--	<2.0
MW-106	10/9/96	--	99.71	8.65	--	0.00	91.06	<250	<750	<50	--	--	--	--	--	2.16
MW-106	2/12/97	--	99.71	7.95	--	0.00	91.76	<250	<750	<50	--	--	--	--	--	<2.0
MW-106	4/22/97	--	99.71	7.73	--	0.00	91.98	<250	<750	<50	--	--	--	--	--	<2.0
MW-106	8/5/97	--	99.71	8.68	--	0.00	91.03	<250	<750	<50	--	--	--	--	--	<2.0
MW-106	11/11/97	--	99.71	8.07	--	0.00	91.64	<250	<750	<50	--	--	--	--	--	<2.0
MW-106	2/11/98	--	99.71	8.12	--	0.00	91.59	<250	<750	<50	--	--	--	--	--	<2.0
MW-106	5/28/98	--	99.71	8.35	--	0.00	91.36	<250	<750	<50	--	--	--	--	--	4.53
MW-106	8/20/98	--	99.71	8.96	--	0.00	90.75	<250	<750	<50	--	--	--	--	--	<1.0
MW-106	11/19/98	--	99.71	9.37	--	0.00	90.34	<250	<750	<50	--	--	--	--	--	<1.0
MW-106	3/11/99	--	99.71	7.70	--	0.00	92.01	<250	<50	<80	--	--	--	--	--	1.1
MW-106	5/25/99	--	99.71	8.32	--	0.00	91.39	<250	--	<80	--	--	--	--	--	--
MW-106	8/17/99	--	99.71	8.70	--	0.00	91.01	<250	<500	<80	--	--	--	--	--	<1.0
MW-106	11/19/99	--	99.71	7.88	--	0.00	91.83	<250	--	<80	--	--	--	--	--	<1.0
MW-106	3/9/00	--	99.71	7.74	--	0.00	91.97	<250	<500	<80	--	--	--	--	--	<1.0
MW-106	6/13/00	--	99.71	8.39	--	0.00	91.32	<250	<500	<80	--	--	--	--	--	<1.0
MW-106	9/26/00	--	99.71	8.79	--	0.00	90.92	<250	<500	--	--	--	--	--	--	<1.0
MW-106	12/13/00	--	99.71	8.51	--	0.00	91.20	<250	<500	--	--	--	--	--	--	<1.0
MW-106	2/28/01	--	99.71	8.18	--	0.00	91.53	<250	<500	<80	--	--	--	--	--	<2.0
MW-106	5/2/01	--	99.71	8.17	--	0.00	91.54	<250	<500	88	--	--	--	--	--	<1.0
MW-106	10/30/02	--	99.73	8.98	--	0.00	90.75	<250	<500	<80	<0.500	<0.500	<0.500	<1.00	--	<1.0
MW-106	1/23/03	--	99.73	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-106	4/18/03	--	99.73	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-106	7/11/03	--	99.73	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-106	10/31/03	--	99.73	8.52	--	0.00	91.21	<250	<500	<50	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-106	12/31/03	--	99.73	7.54	--	0.00	92.19	<50	<78	<98	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-106	5/3/04	--	99.73	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-106	7/20/04	--	99.73	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-106	10/7/04	--	99.71	8.50	--	0.00	91.21	<78	<97	<50	--	--	--	--	--	--
MW-106	10/20/05	--	99.71	8.70	--	0.00	91.01	<82	<100	<48	--	--	--	--	--	--

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-106	9/6/07	--	99.71	8.88	--	0.00	90.83	<80	<100	<50	--	--	--	--	--	0.13
MW-106	5/27-28/08	--	99.71		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-106	8/27-29/08	LFP	99.71	8.72	--	0.00	90.99	<79	<99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	11/17-19/08	LFP	99.71	8.18	--	0.00	91.53	30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	2/16-18/09	LFP	99.71	8.40	--	0.00	91.31	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.072
MW-106	5/4-6/09	LFP	99.71	8.30	--	0.00	91.41	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	8/19-21/09	LFP	99.71	8.65	--	0.00	91.06	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	11/18-20/09	LFP	99.71	7.40	--	0.00	92.31	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-106	2/8-10/10	LFP	99.71	8.05	--	0.00	91.66	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED															
MW-107	2/14/92	--	100.00	8.50	--	0.00	91.50	--	--	--	--	--	--	--	--	--
MW-107	2/18/92	--	100.00	8.50	--	0.00	91.50	--	--	--	--	--	--	--	--	--
MW-107	3/9/92	--	100.00	8.36	--	0.00	91.64	--	--	--	--	--	--	--	--	--
MW-107	3/13/92	--	100.00	8.52	--	0.00	91.48	--	--	<50	--	--	--	--	--	--
MW-107	4/21/92	--	100.00	8.36	--	0.00	91.64	--	--	--	--	--	--	--	--	--
MW-107	8/22/95	--	100.00	9.06	--	0.00	90.94	<250	<750	<50	--	--	--	--	--	--
MW-107	11/28/95	--	100.00	8.00	--	0.00	92.00	--	--	--	--	--	--	--	--	--
MW-107	3/12/96	--	100.00	8.36	--	0.00	91.64	--	--	--	--	--	--	--	--	--
MW-107	6/26/96	--	100.00	8.89	--	0.00	91.11	--	--	--	--	--	--	--	--	--
MW-107	10/9/96	--	100.00	8.94	--	0.00	91.06	--	--	--	--	--	--	--	--	--
MW-107	2/12/97	--	100.00	8.25	--	0.00	91.75	<250	<750	<50	--	--	--	--	--	<2.0
MW-107	4/22/97	--	100.00	8.05	--	0.00	91.95	<250	<750	<50	--	--	--	--	--	<2.0
MW-107	8/5/97	--	100.00	8.95	--	0.00	91.05	<250	<809	<50	--	--	--	--	--	<2.0
MW-107	11/11/97	--	100.00	8.37	--	0.00	91.63	<250	**750**	<50	--	--	--	--	--	<2.0
MW-107	2/11/98	--	100.00	8.44	--	0.00	91.56	351	**750**	<50	--	--	--	--	--	<2.0
MW-107	5/28/98	--	100.00	8.73	--	0.00	91.27	<250	**754**	<50	--	--	--	--	--	--
MW-107	8/20/98	--	100.00	9.24	--	0.00	90.76	<250	**750**	<50	--	--	--	--	--	1
MW-107	11/19/98	--	100.00	9.65	--	0.00	90.35	<250	**750**	<50	--	--	--	--	--	<1.0
MW-107	3/11/99	--	100.00	8.08	--	0.00	91.92	**539**	**750**	<80	--	--	--	--	--	<1.0
MW-107	5/25/99	--	100.00	8.82	--	0.00	91.18	<250	<500	<80	--	--	--	--	--	--
MW-107	8/17/99	--	100.00	8.10	--	0.00	91.90	<250	--	<80	--	--	--	--	--	<1.0
MW-107	11/19/99	--	100.00	8.21	--	0.00	91.79	<250	<500	<80	--	--	--	--	--	<1.0
MW-107	3/9/00	--	100.00	8.08	--	0.00	91.92	<250	--	<80	--	--	--	--	--	<1.0
MW-107	6/13/00	--	100.00	8.88	--	0.00	91.12	<250	<500	<80	--	--	--	--	--	<1.0
MW-107	9/26/00	--	100.00	9.07	--	0.00	90.93	<250	<500	--	--	--	--	--	--	<1.0
MW-107	12/13/00	--	100.00	8.78	--	0.00	91.22	<250	<500	--	--	--	--	--	--	<1.0
MW-107	2/28/01	--	100.00	8.63	--	0.00	91.37	<250	<500	<80	--	--	--	--	--	<1.0
MW-107	5/2/01	--	100.00	8.63	--	0.00	91.37	<250	<500	88	--	--	--	--	--	<1.0
MW-107	10/30/02	--	100.00	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-107	1/23/03	--	100.00	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-107	4/18/03	--	100.00	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--

Table 2
Historical Groundwater Gauging Data and Analytical Results
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
All analytical results are presented in micrograms per liter (µg/L)

Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-107	7/11/03	--	100.00	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-107	10/31/03	--	100.00	UNABLE TO LOCATE			--	--	--	--	--	--	--	--	--	--
MW-107	12/31/03	--	100.00	7.92	--	0.00	92.08	<50	85	150	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-107	5/3/04	--	100.00	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-107	7/20/04	--	100.00	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-107	10/7/04	--	100.00	8.78	--	0.00	91.22	<80	<100	<50	--	--	--	--	--	--
MW-107	10/20/05	--	100.00	8.97	--	0.00	91.03	<81	<100	<48	--	--	--	--	--	--
MW-107	9/6/07	--	100.00	9.18	--	0.00	90.82	<78	<98	<50	--	--	--	--	--	0.07
MW-107	5/27-28/08	--	100.00		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-107	8/27-29/08	LFP	100.00	8.98	--	0.00	91.02	<79	<99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	11/17-19/08	LFP	100.00	8.46	--	0.00	91.54	38	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	2/16-18/09	LFP	100.00	8.62	--	0.00	91.38	35	70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.068
MW-107	5/4-6/09	LFP	100.00	8.95	--	0.00	91.05	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	8/19-21/09	LFP	100.00	9.11	--	0.00	90.89	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.27
MW-107	11/18-20/09	LFP	100.00	7.77	--	0.00	92.23	99	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	2/8-10/10	LFP	100.00	8.25	--	0.00	91.75	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED															
MW-108	2/14/92	--	99.79	8.10	--	0.00	91.69	--	--	--	--	--	--	--	--	--
MW-108	2/18/92	--	99.79	8.62	--	0.00	91.17	--	--	--	--	--	--	--	--	--
MW-108	3/9/92	--	99.79	8.49	--	0.00	91.30	--	--	--	--	--	--	--	--	--
MW-108	3/13/92	--	99.79	8.63	--	0.00	91.16	--	--	<50	--	--	--	--	--	--
MW-108	4/21/92	--	99.79	8.47	--	0.00	91.32	--	--	--	--	--	--	--	--	--
MW-108	8/22/95	--	99.79	9.04	--	0.00	90.75	<250	<750	<50	--	--	--	--	--	--
MW-108	11/28/95	--	99.79	7.98	--	0.00	91.81	--	--	--	--	--	--	--	--	--
MW-108	3/12/96	--	99.79	8.50	--	0.00	91.29	--	--	--	--	--	--	--	--	--
MW-108	6/26/96	--	99.79	8.86	--	0.00	90.93	--	--	--	--	--	--	--	--	--
MW-108	10/9/96	--	99.79	8.91	--	0.00	90.88	--	--	--	--	--	--	--	--	--
MW-108	2/12/97	--	99.79	8.41	--	0.00	91.38	<250	<750	<50	--	--	--	--	--	<2.0
MW-108	4/22/97	--	99.79	8.08	--	0.00	91.71	<250	<750	<50	--	--	--	--	--	<2.0
MW-108	8/5/97	--	99.79	8.94	--	0.00	90.85	<250	**825**	<50	--	--	--	--	--	<2.0
MW-108	11/11/97	--	99.79	8.53	--	0.00	91.26	<250	<750	<50	--	--	--	--	--	<2.0
MW-108	2/11/98	--	99.79	8.59	--	0.00	91.20	<250	**873**	<50	--	--	--	--	--	<2.0
MW-108	5/28/98	--	99.79	8.72	--	0.00	91.07	<250	<750	<50	--	--	--	--	--	4.27
MW-108	8/20/98	--	99.79	9.20	--	0.00	90.59	<250	<750	<50	--	--	--	--	--	<1.0
MW-108	11/19/98	--	99.79	9.60	--	0.00	90.19	<250	<750	<50	--	--	--	--	--	<1.0
MW-108	3/11/99	--	99.79	8.16	--	0.00	91.63	<250	<500	<80	--	--	--	--	--	<1.0
MW-108	5/25/99	--	99.79	8.69	--	0.00	91.10	<250	--	<80	--	--	--	--	--	--
MW-108	8/17/99	--	99.79	8.96	--	0.00	90.83	<250	<500	<80	--	--	--	--	--	<1.0
MW-108	11/19/99	--	99.79	8.08	--	0.00	91.71	<250	--	<80	--	--	--	--	--	<1.0
MW-108	3/9/00	--	99.79	8.16	--	0.00	91.63	<250	<500	<80	--	--	--	--	--	<1.0
MW-108	6/13/00	--	99.79	8.69	--	0.00	91.10	<250	<500	<80	--	--	--	--	--	<1.0

Table 2
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COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road, Toledo, Washington
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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
MW-108	9/26/00	--	99.79	9.04	--	0.00	90.75	<250	<500	--	--	--	--	--	--	<1.0
MW-108	12/13/00	--	99.79	8.81	--	0.00	90.98	<250	<500	--	--	--	--	--	--	<1.0
MW-108	2/28/01	--	99.79	8.60	--	0.00	91.19	<250	<500	<80	--	--	--	--	--	<1.0
MW-108	5/2/01	--	99.79	8.53	--	0.00	91.26	<250	<500	<80	--	--	--	--	--	<1.0
MW-108	10/30/02	--	99.79	9.24	--	0.00	90.55	<250	<500	<80	<0.500	<0.500	<0.500	<1.0	--	<1.0
MW-108	1/23/03	--	99.79	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-108	4/18/03	--	99.79	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-108	7/11/03	--	99.79	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-108	10/31/03	--	99.79	8.82	--	0.00	90.97	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-108	12/31/03	--	99.79	7.95	--	0.00	91.84	<50	<77	<97	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-108	5/3/04	--	99.79	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-108	7/20/04	--	99.79	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
MW-108	10/7/04	--	99.79	8.80	--	0.00	90.99	<80	<100	<50	--	--	--	--	--	--
MW-108	10/20/05	--	99.79	8.89	--	0.00	90.90	<81	<100	<48	--	--	--	--	--	--
MW-108	10/20/05 (D)	--	99.79	8.89	--	0.00	90.90	<81	<100	<48	--	--	--	--	--	--
MW-108	9/6/07	--	99.79	9.15	--	0.00	90.64	<80	<100	<50	--	--	--	--	--	0.12
MW-108	5/27-28/08	--	99.79		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
MW-108	8/27-29/08	LFP	99.79	9.00	--	0.00	90.79	<78	<98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	11/17-19/08	LFP	99.79	8.48	--	0.00	91.31	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	2/16-18/09	LFP	99.79	8.74	--	0.00	91.05	**1,100**	230	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.070
MW-108	5/4-6/09	LFP	99.79	8.62	--	0.00	91.17	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	8/19-21/09	LFP	99.79	9.07	--	0.00	90.72	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	11/18-20/09	LFP	99.79	7.64	--	0.00	92.15	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	2/8-10/10	LFP	99.79	8.50	--	0.00	91.29	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED															
TRIP BLANK	10/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRIP BLANK	1/23/03	--	--	--	--	--	--	--	--	<80	<0.500	<0.500	<0.500	<1.0	--	--
TRIP BLANK	4/18/03	--	--	--	--	--	--	--	--	<50	<0.500	<0.500	<0.500	<1.0	--	--
QA	7/11/03	--	--	--	--	--	--	--	--	<50	<0.500	<0.500	<0.500	<1.00	--	--
QA	10/31/03	--	--	--	--	--	--	--	--	<50	<0.500	<0.500	<0.500	<1.00	--	--
QA	12/31/03	--	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--
QA	5/3/04[6]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
QA	7/20/04	--	--	--	--	--	--	--	--	<50	<0.500	<0.500	<0.500	<1.00	--	--
QA	5/27-28/08	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	8/27-29/08	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/17-19/08	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	2/16-18/09	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/4-6/09	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	8/19-21/09	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/18-20/09	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

Table 2
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Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**
QA	2/8-10/10	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/12-13/10	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	8/11/10	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/3-4/10	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	2/3-4/11	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/23/11	--	--	--	--	--	--	--	--	<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	11/7-9/11	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	2/6-8/12	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/2-4/12	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	8/1-3/12	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/26-28/12	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	2/4-6/13	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/6-8/13	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	9/9-13/13	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/18-22/13	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	2/4-11/14	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	6/12-14/14	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	8/18-21/14	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/19-20/14	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	2/17-20/14	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/11-15/15	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	8/10-11/15	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/16-18/15	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/13-14/16	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/14/16	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/14/17	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/11-12/17	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	5/11/18	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
QA	11/11-12/18	--	--	--	--	--	--	--	--	<19	<0.2	<0.2	<0.4	<1	--	--
QA	4/27/2019	--	--	--	--	--	--	--	--	<19	<0.2	<0.2	<0.4	<1	--	--
QA	11/3/2019	--	--	--	--	--	--	--	--	<19	<0.2	<0.2	<0.4	<1	--	--

Notes:
ID = Identification
TOC = Top of casing
DTW = Depth to water in feet below TOC
DTP = Depth to product in feet below TOC
LNAPL = Light Non-aqueous phase liquid thickness in feet
TOC, DTW, DTP, GWE are measured in feet (ft).
GWE = Groundwater elevation in feet NAVD 88
GRO = Gasoline Range Organics
DRO = Diesel Range Organics

Table 2
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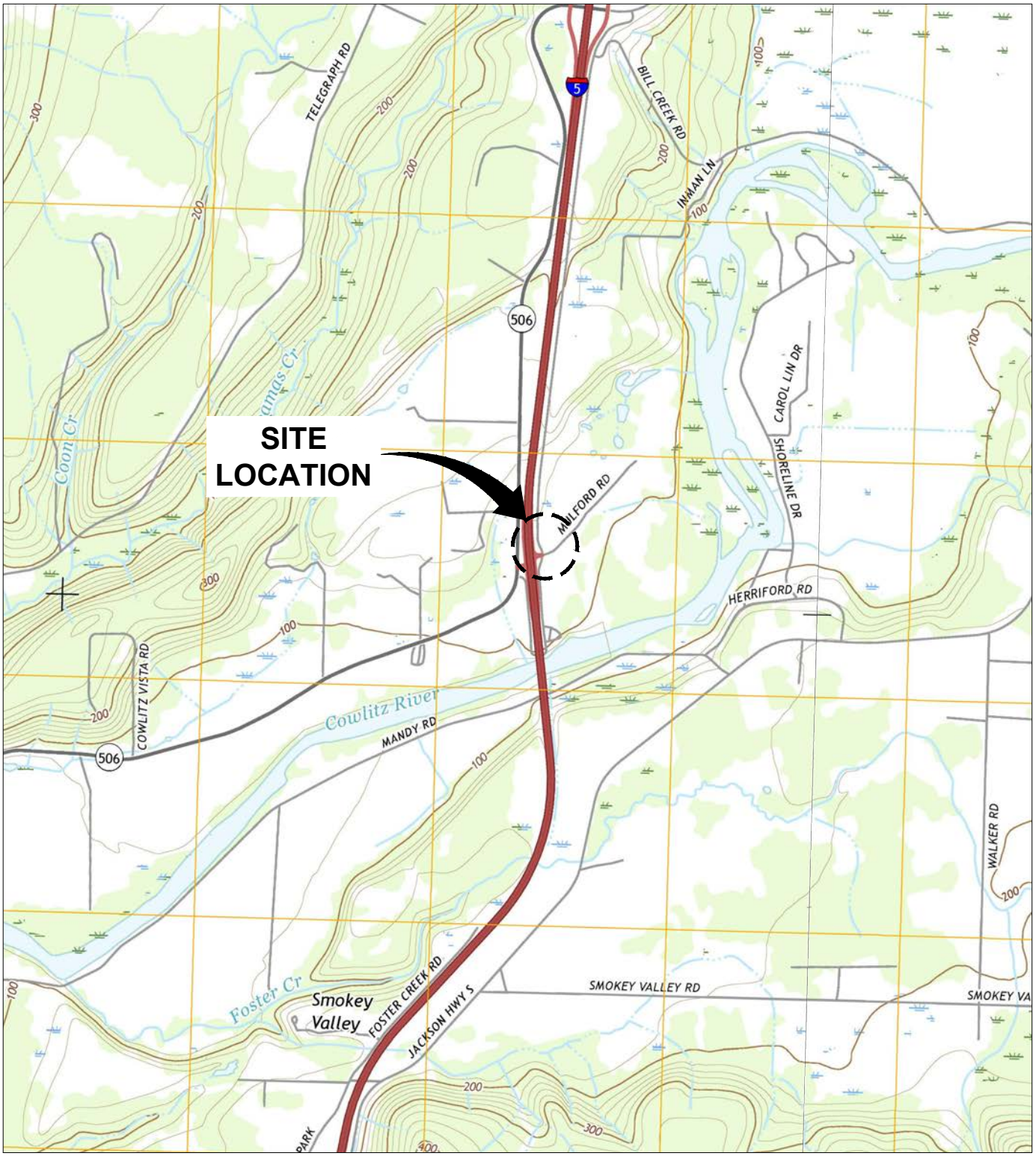
Well ID	Date	Purge Method	TOC[2]	DTW	DTP	LNAPL	GWE[3]	DRO[4]	HO[4]	GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Dissolved Lead
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L								**500**	**500**	**800/1,000**	**5**	**1,000**	**700**	**1,000**	**20**	**15**

HO = Heavy Oil Range Organics
MTBE = Methyl tertiary butyl ether
800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L
-- = Not analyzed/not applicable
< = Analytical result is less than reporting limit shown
J = Analytical result is estimated
LFP = Low flow (purge) sample
DRO, HO analyzed by NWTPH-Dx Extended method
GRO, Benzene, toluene, ethylbenzene, and total xylenes (BTEX), MTBE by U.S. Environmental Protection Agency (USEPA) 8260
Dissolved Lead by USEPA 6020.
QA = Quality Assurance

1 Analytical results in bold font indicate concentrations exceed MTCA Method A cleanup levels.
2 TOC elevations have been surveyed in feet relative to the 1988 North American Vertical Datum.
3 When LNAPL is present, GWE has been corrected using the following formula: GWE = [(TOC - DTW) + (LNAPLT x 0.80)].
4 TPH-DRO and TPH-HRO results with multiple values are reported as follows: with silica gel cleanup/without silica gel cleanup. TPH-DRO and TPH-HRO analyses for monitoring completed between October 2004 and May 2013 was performed with silica gel cleanup. The use of silica gel cleanup for samples collected prior to October 2004 has not been confirmed.
5 Laboratory report indicates this sample was laboratory filtered.
6 Laboratory indicates they did not receive a QA sample. No results were provided.
7 Laboratory analytical methods for historical data may not be consistent with list of current analytical methods. When necessary, consult original laboratory reports to verify methods used.
8 Insufficient groundwater to collect sample.

FIGURES



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

N

0 2,000' 4,000'

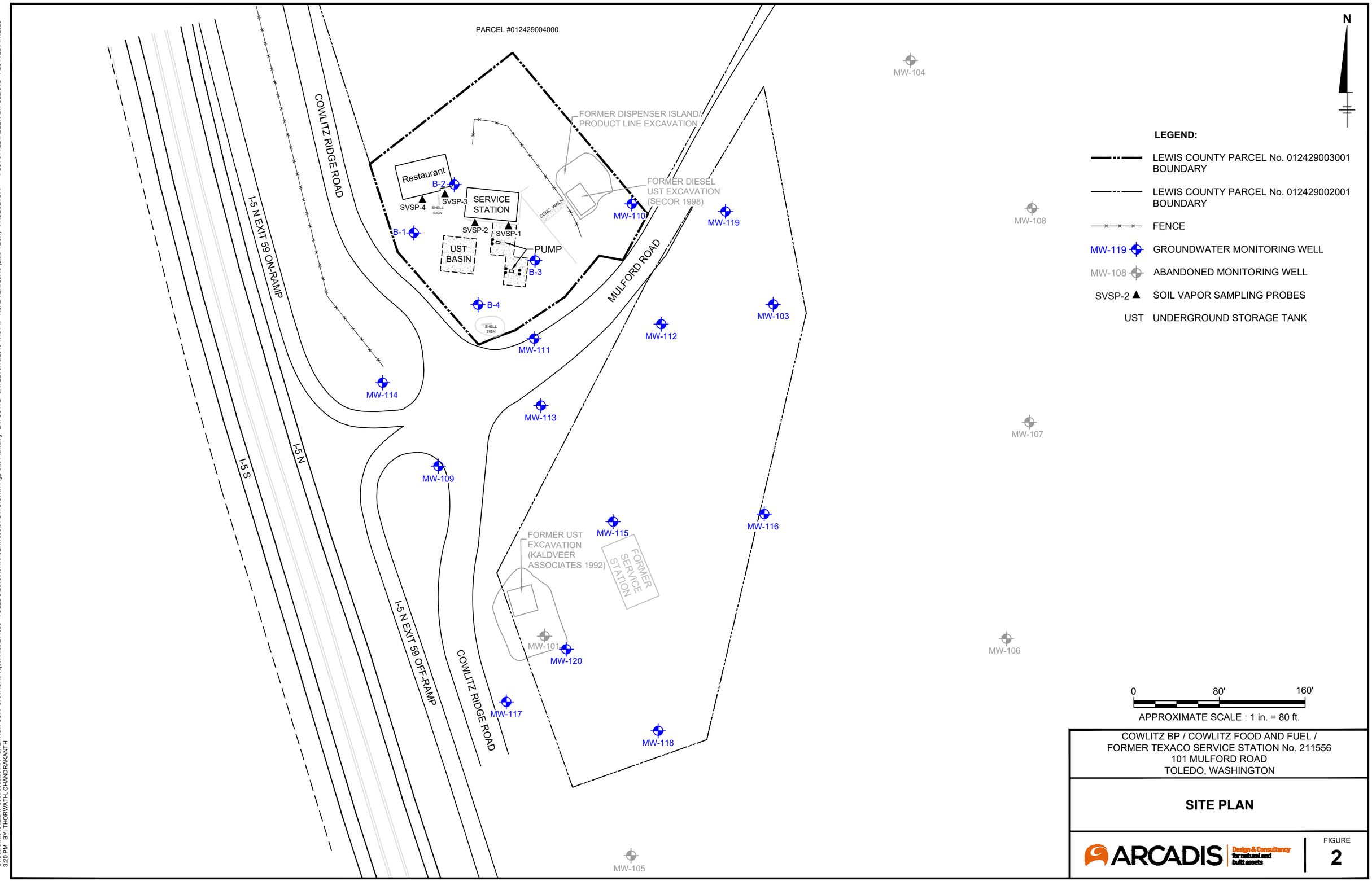
APPROXIMATE SCALE : 1 in. = 2,000 ft.

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



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

SITE PLAN

ARCADIS Design & Consultancy for natural and built assets

FIGURE
2

PARCEL #012429004000

COWLITZ RIDGE ROAD

I-5 N EXIT 59 ON-RAMP

I-5 N

I-5 S

I-5 N EXIT 59 OFF-RAMP

COWLITZ RIDGE ROAD

MULFORD ROAD

Restaurant

SERVICE STATION

SHELL SIGN

CONC. WALK

UST BASIN

PUMP

SVSP-1

SVSP-2

SVSP-3

SVSP-4

B-1 (100.29)

B-2 (100.33)

B-3 (100.21)

B-4 (100.17)

FORMER DISPENSER ISLAND/ PRODUCT LINE EXCAVATION

FORMER DIESEL UST EXCAVATION (SECOR 1998)

FORMER UST EXCAVATION (KALDVEER ASSOCIATES 1992)

FORMER SERVICE STATION

MW-101

MW-103 (99.26)

MW-104

MW-105

MW-106

MW-107

MW-108

MW-109 (99.86)

MW-110 (99.74)

MW-111 (99.81)

MW-112 (99.76)

MW-113 (99.79)

MW-114 (100.09)

MW-115 (99.74)

MW-116 (99.08)

MW-117 (99.48)

MW-118 (99.06)

MW-119 (100.01)

MW-120 (99.61)

100.20

99.90

99.60

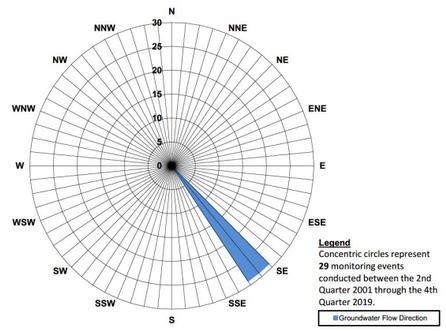
99.30

0.0023 FT/FT

N

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
- 100.20 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (100.33) — GROUNDWATER ELEVATION (FEET)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 0.0023 FT/FT — APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)



0 80' 160'

APPROXIMATE SCALE : 1 in. = 80 ft.

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

GROUNDWATER ELEVATION CONTOURS NOVEMBER 3, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 3

PARCEL #012429004000

B-2	
GRO	<19
DRO	67 J
HO	<66
DRO w/ SGC	--
HO w/SGC	--
B	<0.2
T	<0.2
E	<0.4
X	<1
LEAD	1.2

B-1	
GRO	<19
DRO	<29
HO	<66
DRO w/ SGC	--
HO w/SGC	--
B	<0.2
T	<0.2
E	<0.4
X	<1
LEAD	0.30 J

B-4	
GRO	**1,500**
DRO	290
HO	410
DRO w/ SGC	120
HO w/SGC	270
B	<0.2
T	<0.2
E	0.4 J
X	<1
LEAD	**36.3**

MW-114	
GRO	<19
DRO	110
HO	**670**
DRO w/ SGC	<30
HO w/SGC	310
B	<0.2
T	<0.2
E	<0.4
X	<1
LEAD	0.21 J

MW-109	
GRO	<19
DRO	41 J
HO	95 J
DRO w/ SGC	<30
HO w/SGC	<68
B	<0.2
T	<0.2
E	<0.4
X	<1
LEAD	**29.4**

B-3	
GRO	**1,500**
DRO	**1,400**
HO	84 J
DRO w/ SGC	90 J
HO w/SGC	<67
B	0.2 J
T	0.3 J
E	8
X	<1
LEAD	8.2

MW-112	
GRO	38 J
DRO	60 J
HO	<68
DRO w/ SGC	--
HO w/SGC	--
B	<0.2
T	<0.2
E	<0.4
X	<1
LEAD	0.25 J

MW-111	
GRO	**4,500**
DRO	**2,100**
HO	**970**
DRO w/ SGC	250
HO w/SGC	400
B	1
T	0.3 J
E	20
X	2 J
LEAD	**49.4**

MW-113	
GRO	<19
DRO	100
HO	<66
DRO w/ SGC	--
HO w/SGC	--
B	<0.2
T	<0.2
E	<0.4
X	<1
LEAD	0.25 J

COWLITZ RIDGE ROAD
I-5/N EXIT 59 ON-RAMP
I-5 S
I-5 N
I-5 N EXIT 59 OFF-RAMP
MULFORD ROAD
COWLITZ RIDGE ROAD
Restaurant
SERVICE STATION
SHELL SIGN
CONC. WALK
UST BASIN
PUMP
SHELL SIGN
FORMER DISPENSER ISLAND/ PRODUCT LINE EXCAVATION
FORMER DIESEL UST EXCAVATION (SECOR 1998)
FORMER UST EXCAVATION (KALDVEER ASSOCIATES 1992)
FORMER SERVICE STATION
SVSP-4
SVSP-3
SVSP-2
SVSP-1
B-1
B-2
B-3
B-4
MW-101
MW-103 (NA)
MW-105
MW-106
MW-107
MW-108
MW-109
MW-110 (NA)
MW-111
MW-112
MW-113
MW-114
MW-115 (NA)
MW-116 (NA)
MW-117 (NA)
MW-118 (NA)
MW-119 (NA)
MW-120 (NA)

N

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
- < LESS THAN, CONSTITUENT NOT DETECTED ABOVE THE LABORATORY METHOD DETECTION LIMIT (MDL)
- J ESTIMATED VALUE BELOW REPORTING LIMIT
- -- NOT ANALYZED
- NA NOT APPLICABLE
- **BOLD** ANALYTE CONCENTRATION EXCEEDS MODEL TOXICS CONTROL ACT (MTCA) METHOD A CLEANUP LEVELS

Constituent	MTCA Method A Cleanup Level
Gasoline Range Organics	800/1,000
Diesel Range Organics	500
Heavy Oil Range Organics	500
Gasoline Range Organics with Silica gel	NA
Diesel Range Organics with Silica gel	NA
Benzene	5
Toluene	1,000
Ethylbenzene	700
Total Xylenes	1,000
Lead	15

NOTE:

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

0 80' 160'

APPROXIMATE SCALE : 1 in. = 80 ft.

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

GROUNDWATER ANALYTICAL NOVEMBER 3, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 4

ATTACHMENT A

Field Data Sheets and General Procedures

TRANSMITTAL

November 11, 2019
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 **Second Semi Annual Event November 3, 2019**

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

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	**Chevron #211556**	Date:	11/3/19
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 drum	OK	non haz	H_2O / 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	OK	N	N	morris / 8 / 3	
MW-109	↓	↓	↓	↓	↓ /	
MW-110	↓	↓	↓	↓	12	
MW-111	↓	↓	↓	↓	8	
MW-112	↓	↓	↓	↓	↓	
MW-113	↓	↓	↓	↓	12	
MW-114	↓	↓	↓	↓	↓	
MW-115	↓	↓	↓	↓	8	
MW-116	↓	↓	↓	↓	↓	
MW-117	↓	↓	↓	↓	↓	
MW-118	↓	↓	↓	↓	↓	
MW-119	↓	↓	↓	↓	↓	
MW-120	↓	↓	↓	↓	↓	
B-1	↓	↓	↓	↓	12	
B-2	↓	↓	↓	↓	8	
B-3	↓	↓	↓	↓	↓	
B-4	↓	↓	↓	↓	↓ ↓ ↓	

Additional Comments/Observations: _____

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 (± 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 Job Number: 17156773
Site Address: 101 Mulford Road Event Date: 11/3/19 (inclusive)
City: Toledo, WA Sampler: AW

Well ID MW-103 Date Monitored: 11-3-19
Well Diameter 2 4 in.
Total Depth 18.35 ft.
Depth to Water 8.55 ft.

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

☐ Check if water column is less then 0.50 ft.

9.80 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): _____ 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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~ 15 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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: BW

Well ID MW-109 Date Monitored: 11-3-19
Well Diameter (2) 4 in.
Total Depth 12.64 ft.
Depth to Water 7.49 ft.

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

☐ Check if water column is less then 0.50 ft.

5.15 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): 1330 Weather Conditions: Sunny
Sample Time/Date: 1415 / 11-3-19 Water Color: Cloudy Odor: Y / N
Approx. Flow Rate: 200 mlpm Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — ltrs DTW @ Sampling: 7.59

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
1348	3.6	6.81	298.4	16.1	1.95	-10.2	7.52
1351	4.2	6.85	299.0	16.2	1.99	-10.5	7.55
1354	4.8	6.89	299.2	16.2	2.02	-10.7	7.59

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-109	8 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~10.0 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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: AW

Well ID MW-10 Date Monitored: 11-3-19
Well Diameter 2 1/4 in.
Total Depth 19.80 ft.
Depth to Water 9.15 ft.

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

☐ Check if water column is less then 0.50 ft.

10.65 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): _____ 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 µmhos/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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~10

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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: AW

Well ID MW-111 Date Monitored: 11-3-19
Well Diameter 2 (4) in.
Total Depth 17.72 ft.
Depth to Water 7.31 ft.

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

☐ Check if water column is less then 0.50 ft.

10.41 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	✓	Peristaltic Pump	✓
QED Bladder Pump		QED Bladder Pump	
Other:		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): 0820 Weather Conditions: Sunny
Sample Time/Date: 0905 / 11-3-19 Water Color: cloudy Odor: Y / N
Approx. Flow Rate: 200 mlpm Sediment Description: cloudy
Did well de-water? N If yes, Time: — Volume: — ltrs DTW @ Sampling: 7.45

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
0838	3.6	6.74	332.3	16.7	3.57	-9.4	7.36
0841	4.2	6.80	332.9	16.8	3.52	-9.8	7.40
0844	4.8	6.84	333.3	16.8	3.50	-9.9	7.45

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-111	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: @ 12.5 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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: AW

Well ID MW-112 Date Monitored: 11-3-19
Well Diameter (2) 4 in.
Total Depth 17.30 ft.
Depth to Water 7.82 ft.

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

☐ Check if water column is less then 0.50 ft.

9.48 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): 1520 Weather Conditions: Sunny
Sample Time/Date: 1605 / 11-3-19 Water Color: Cloudy Odor: Y / N
Approx. Flow Rate: 200 mlpm Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — ltrs DTW @ Sampling: 7.92

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
1538	3.6	6.93	198.5	16.6	2.85	48.8	7.88
1541	4.2	6.99	198.9	16.7	2.80	49.2	7.91
1544	4.8	7.02	199.3	16.7	2.76	49.7	7.92

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-112	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

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 | Job Number: 17156773
Site Address: 101 Mulford Road | Event Date: 11/3/19 (inclusive)
City: Toledo, WA | Sampler: AW

Well ID: MW-113 | Date Monitored: 11-3-19
Well Diameter: 2 (4) in.
Total Depth: 18.10 ft.
Depth to Water: 8.65 ft.

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

☐ Check if water column is less then 0.50 ft.

9.45 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	✓	Peristaltic Pump	✓
QED Bladder Pump		QED Bladder Pump	
Other:		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): 1425 | Weather Conditions: Sunny
Sample Time/Date: 1510 / 11-3-19 | Water Color: Cloudy | Odor: Y (N) /
Approx. Flow Rate: 200 mlpm | Sediment Description: / Cloudy
Did well de-water? N If yes, Time: — Volume: — ltrs DTW @ Sampling: 8.77

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
1443	3.6	6.48	75.0	16.2	6.58	131.7	8.70
1446	4.2	6.50	75.3	16.3	6.52	132.0	8.73
1449	4.8	6.52	75.4	16.3	6.49	132.3	8.77

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-113	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

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 | Job Number: 17156773
Site Address: 101 Mulford Road | Event Date: 11/3/19 (inclusive)
City: Toledo, WA | Sampler: AW

Well ID: MW-114 | Date Monitored: 11-3-19
Well Diameter: (2)4 in.
Total Depth: 16.80 ft.
Depth to Water: 6.80 ft. ☐ Check if water column is less then 0.50 ft.

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

10.00 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	✓	Peristaltic Pump	✓
QED Bladder Pump		QED Bladder Pump	
Other:		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): 1235 | Weather Conditions: Sunny
Sample Time/Date: 1320 / 11-3-19 | Water Color: Cloudy | Odor: Y / (N)
Approx. Flow Rate: 200 mlpm | Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — ltrs DTW @ Sampling: 6.91

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
1253	3.6	6.89	80.7	15.2	3.42	7.4	6.84
1256	4.2	6.93	81.0	15.3	3.39	7.9	6.89
1259	4.8	6.98	81.4	15.3	3.35	8.2	6.91

LABORATORY INFORMATION

SAMPLE ID	(#).CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-114	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	1 x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~120ft

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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: MW

Well ID MW-115 Date Monitored: 11-3-19
Well Diameter 2 (4) in.
Total Depth 17.74 ft.
Depth to Water 8.20 ft. ☐ Check if water column is less then 0.50 ft.

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

9.54 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): _____ 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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~ M/O

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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: PW

Well ID MW-116 Date Monitored: 11-3-19
Well Diameter 2/4 in.
Total Depth 17.60 ft.
Depth to Water 8.48 ft.

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

☐ Check if water column is less then 0.50 ft.

9.12 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): _____ 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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: — M/O

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: 11/3/19 (inclusive)
City: Toledo, WA | Sampler: AW

Well ID: MW-17 | Date Monitored: 11-3-19
Well Diameter: (2) 4 in.
Total Depth: 17.87 ft.
Depth to Water: 7.09 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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: _____

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: _____

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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~ M/O

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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: AW

Well ID MW-118 Date Monitored: 11-3-19
Well Diameter (2)4 in.
Total Depth 17.51 ft.
Depth to Water 7.66 ft.

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

☐ Check if water column is less then 0.50 ft.

9.85 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): _____ 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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~ M/O

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: 11/3/19 (inclusive)
City: Toledo, WA | Sampler: AW

Well ID: MW-19 | Date Monitored: 11-3-19
Well Diameter: 2 | 4 in.
Total Depth: 16.70 ft.
Depth to Water: 8.34 ft.

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

☐ Check if water column is less then 0.50 ft.

8.36 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): _____ 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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~ M/O

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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: MW

Well ID MW-120 Date Monitored: 11-3-19
Well Diameter (2) 4 in.
Total Depth 16.85 ft.
Depth to Water 7.50 ft.

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

☐ Check if water column is less then 0.50 ft.

9.35 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): _____ 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 voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~ W/O

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: 11/3/19 (inclusive)
City: Toledo, WA Sampler: MW

Well ID B-1 Date Monitored: 11-3-19
Well Diameter (2)4 in.
Total Depth 19.96 ft.
Depth to Water 7.45 ft. ☐ Check if water column is less then 0.50 ft.

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

12.51 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	✓	Peristaltic Pump	✓
QED Bladder Pump		QED Bladder Pump	
Other:		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): 1140 Weather Conditions: Sunny
Sample Time/Date: 1225 / 11-3-19 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 200 mlpm Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — ltrs DTW @ Sampling: 7.55

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
1158	3.6	6.59	167.1	16.0	3.72	193.9	7.49
1201	4.2	6.61	167.7	16.1	3.69	194.1	7.52
1204	4.8	6.65	168.0	16.1	3.67	194.3	7.55

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-1	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

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 | Job Number: 17156773
Site Address: 101 Mulford Road | Event Date: 11/3/19 (inclusive)
City: Toledo, WA | Sampler: AW

Well ID: B-2
Well Diameter: (2) 4 in.
Total Depth: 19.30 ft.
Depth to Water: 8.66 ft.
Date Monitored: 11-3-19

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

☐ Check if water column is less then 0.50 ft.

10.64 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	✓	Peristaltic Pump	✓
QED Bladder Pump		QED Bladder Pump	
Other:		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): 1045 | Weather Conditions: Sunny
Sample Time/Date: 1130 / 11-3-19 | Water Color: Cloudy | Odor: Y / (N)
Approx. Flow Rate: 200 mlpm | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — ltrs | DTW @ Sampling: 8.77

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
1103	3.6	6.83	248.3	16.2	2.31	224.6	8.69
1106	4.2	6.87	248.9	16.3	2.27	225.0	8.72
1109	4.8	6.89	249.3	16.3	2.25	225.4	8.77

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-2	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~14 oft.

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: 11/3/19 (inclusive)
City: Toledo, WA | Sampler: AW

Well ID: B-3 | Date Monitored: 11-3-19
Well Diameter: (2)/4 in.
Total Depth: 13.83 ft.
Depth to Water: 8.25 ft. ☐ Check if water column is less then 0.50 ft.

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

5.58 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	✓	Peristaltic Pump	✓
QED Bladder Pump		QED Bladder Pump	
Other:		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 | Weather Conditions: Sunny
Sample Time/Date: 1010 / 11-3-19 | Water Color: Cloudy | Odor: Y / (N)
Approx. Flow Rate: 200 mlpm | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — ltrs | DTW @ Sampling: 8.37

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
0938	3.6	6.65	425.8	16.4	2.40	-7.5	8.29
0941	4.2	6.69	426.3	16.5	2.44	-7.7	8.33
0944	4.8	6.72	426.5	16.5	2.47	-7.9	8.37

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-3	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	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 | Job Number: 17156773
Site Address: 101 Mulford Road | Event Date: 11/3/19 (inclusive)
City: Toledo, WA | Sampler: HW

Well ID: B-4 | Date Monitored: 11-3-19
Well Diameter: (2)4 in.
Total Depth: 14.86 ft.
Depth to Water: 7.51 ft. ☐ Check if water column is less then 0.50 ft.
7.35 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	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]: ___

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	✓	Peristaltic Pump	✓
QED Bladder Pump		QED Bladder Pump	
Other:		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): 1620 | Weather Conditions: Sunny
Sample Time/Date: 1705 / 11-3-19 | Water Color: Cloudy | Odor: Y (N)
Approx. Flow Rate: 200 mlpm | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — ltrs | DTW @ Sampling: 7.61

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
1638	3.6	6.84	306.5	16.9	2.45	-28.5	7.55
1641	4.2	6.88	307.0	16.9	2.43	-28.8	7.59
1644	4.8	6.9	307.3	17.0	2.40	-28.9	7.61

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
B-4	6 x voa vial	YES	HCL	EUROFINS	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx
	2 x 1 liter ambers	YES	HCL	EUROFINS	NWTPH-Dx w/sgc/NWTPH-Dx
	1 x 250ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)
	x 500ml poly	YES	HNO3	EUROFINS	DISSOLVED LEAD(6020 ICP/MS)

COMMENTS: Depth Pump Set At: ~11.5ft

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

Chevron Northwest Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

For Eurofins Lancaster Laboratories use only
Acct. # _____ Group # _____ Sample # _____
Instructions on reverse side correspond with circled numbers.

SCR #: _____

(1) Client Information

Facility # SS#211556-OML G-R#17156773 WBS
Site Address 101 Mulford Road, TOLEDO, WA
Chevron PM EH ARCADISDK Lead Consultant Komal Dixit
Consultant/Office Gettler-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568
Consultant Project Mgr. Deanna L. Harding, (deanna@grinc.com)
Consultant Phone # (925) 551-7444 x180
Sampler Alex W.

(4) Matrix

Soil ☐ Sediment ☐
Water ☑ Ground ☐ Potable ☐ NPDES ☐ Surface ☐
Oil ☐ Air ☐

(5) Analyses Requested

(2) Sample Identification	Collected Date	Collected Time	(3) Grab	(3) Composite	Total Number of Containers	BTEX ☐ 8021 ☐ 8260 ☑ Naphth ☑	8260 full scan	Oxygenates ___	NWTPH-Gx	NWTPH-Dx with Silica Gel Cleanup ☑	NWTPH-Dx without Silica Gel Cleanup ☒	WA VPH ☐ WA EPH ☐	Lead Total ☐ Diss. ☑ Method 6020 7196/7199
QA	191103		X		2	X			X				
mw-109	191103	1415	X		9	X			X	X	X		X
mw-111	191103	0905	X		9	X			X	X	X		X
mw-112	191103	1605	X		9	X			X		X		X
mw-113	191103	1510	X		9	X			X		X		X
mw-114	191103	1320	X		9	X			X	X	X		X
B-1	191103	1225	X		9	X			X		X		X
B-2	191103	1130	X		9	X			X		X		X
B-3	191103	1010	X		9	X			X	X	X		X
B-4	191103	1705	X		9	X			X	X	X		X

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm MTBE + Naphthalene
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

(6) Remarks

Please report results for Dx with & without sgc. TPWHD-1 Dissolved Lead sample to be filtered by the lab; all other Dissolved Lead samples to be field filtered.

Please forward lab results directly to the LC. The TPW sample results should be forwarded directly to Deanna Harding (deanna@grinc.com)

(7) Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | EDF/EDD | 72 hour | 48 hour | 24 hour

Relinquished by	Date	Time	Received by	Date	Time (9)
	191104	1700			
Relinquished by	Date	Time	Received by	Date	Time

(8) Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

EDD (circle if required)

CVX-RTBU-FI_05 (default)
Other: _____

Relinquished by Commercial Carrier: UPS ____ FedEx X Other ____

Received by	Date	Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

TRANSMITTAL

November 11, 2019
G-R #17156773

TO: Mr. Jason Little
Arcadis
1100 Olive Way, Suite 600
Seatlle, Washington 98101

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 November 3, 2019**

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: 11-3-19 (inclusive)

DESCRIPTION OF WORK PERFORMED

Total # of Wells this Event: Ø
Monitor Only:
Sampled: 1
Developed:
Bailed Product from Wells:
Product Transferred To:
Total Well Depths Taken: ~~YES / NO~~

PURGE WATER TRANSFERRED TO:

Total Purged: 9 gals
Drums At Site: gals

TRAFFIC CONTROL

National Baricade: **YES / NO**

PURGING EQUIPMENT

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

SAMPLING EQUIPMENT: # OF WELLS USED ON

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

OTHER EQUIPMENT

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

SPECIAL EQUIPMENT: # OF WELLS USED ON

D.O. Meter:
ORP/Re-Dox Meter:
Turbidity Meter:
Field Test:

Samples dropped at: Shipped
(Location) (Date)

COMMENTS: TREATED PURGE WATER HOLDING DRUM SAMPLE

Arrival Time: —
Departure Time: —
TRAVEL Time Billed: —
TOTAL Time Billed: 1.0

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #211556 Job Number: 17156773
Site Address: 101 Mulford Road Event Date: 11-3-19 (inclusive)
City: Toledo, WA Sampler: AW

Well ID TPWHD-1 Date Monitored: —
Well Diameter ___ in.
Total Depth ___ ft.
Depth to Water ___ ft.

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

☐ Check if water column is less then 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): — Weather Conditions: ___
Sample Time/Date: 1730 / 11-3-19 Water Color: ___ Odor: Y / N
Approx. Flow Rate: ___ gpm. Sediment Description: ___
Did well de-water? ___ If yes, Time: ___ Volume: ___ gal. DTW @ Sampling: ___

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

LABORATORY INFORMATION

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

COMMENTS: ___

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

Chevron Northwest Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

For Eurofins Lancaster Laboratories use only
Acct. # _____ Group # _____ Sample # _____
Instructions on reverse side correspond with circled numbers.

SCR #: _____

1 Client Information

Facility # SS#211556-OML G-R#17156773 WBS
Site Address 101 Mulford Road, TOLEDO, WA
Chevron PM EH ARCADISDK Lead Consultant Komal Dixit
Consultant/Office Gettler-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568
Consultant Project Mgr. Deanna L. Harding, (deanna@grinc.com)
Consultant Phone # (925) 551-7444 x180
Sampler AW

4 Matrix

Soil ☐ Sediment ☐ Water ☒ Ground ☐ Potable ☐ Surface ☐ NPDES ☐ Oil ☐ Air ☐

3 Grab / Composite

2 Sample Identification / Collected

Sample Identification	Date	Time	Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	8260 full scan	Oxygenates	NWTPH-Gx	NWTPH-Dx with Silica Gel Cleanup	NWTPH-Dx without Silica Gel Cleanup	WA VPH	WA EPH	Lead
TPWHD-1	191103	1730	X			X		9	X			X	X	X			X

5 Analyses Requested

BTEX + MTBE ☒ 8260 ☐ 8021 ☒ Naphth
8260 full scan
Oxygenates ☐ WA VPH ☐ WA EPH
NWTPH-Gx
NWTPH-Dx with Silica Gel Cleanup ☒
NWTPH-Dx without Silica Gel Cleanup ☒
Lead Total ☐ Diss. ☒ Method 6020 Trip Blk

☐ Results in Dry Weight
☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
☐ 8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run _____ oxy's on highest hit
☐ Run _____ oxy's on all hits

6 Remarks

Please report results for Dx with & without sgc. TPWHD-1 Dissolved Lead sample to be filtered by the lab; all other Dissolved Lead samples to be field filtered.

JPM 11/7/19

Please forward lab results directly to the LC. The TPW sample results should be forwarded directly to Deanna Harding (deanna@grinc.com)

7 Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | EDF/EDD | 72 hour | 48 hour | 24 hour

8 Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

EDD (circle if required)

CVX-RTBU-FI_05 (default)
Other: _____

Relinquished by	Date	Time	Received by	Date	Time
	191104	1700			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Commercial Carrier: UPS ____ FedEx X Other ____			Received by	Date	Time
Temperature Upon Receipt ____ °C			Custody Seals Intact?	Yes	No

9

ATTACHMENT B

Laboratory Report and Chain-of-Custody Documentation

eurofins | Lancaster Laboratories Environmental

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

Report Date: November 19, 2019 11:34

Project: 211556

Account #: 11928
Group Number: 2072919
PO Number: 0015312104
Release Number: HETRICK
State of Sample Origin: WA

Electronic Copy To	ARCADIS	Attn: Komal Dixit
Electronic Copy To	Arcadis	Attn: Eric Krueger
Electronic Copy To	Arcadis	Attn: Jason Little

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

To view our laboratory's current scopes of accreditation please go to https://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/certifications-and-accreditations-eurofins-lancaster-laboratories-environmental/ . Historical copies may be requested through your project manager.

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

SAMPLE INFORMATION

Client Sample Description	Sample Collection Date/Time	ELLE#
QA-11032019 Water	11/03/2019	1193632
MW-109-11032019 Grab Groundwater	11/03/2019 14:15	1193633
MW-111-11032019 Grab Groundwater	11/03/2019 09:05	1193634
MW-112-11032019 Grab Groundwater	11/03/2019 16:05	1193635
MW-113-11032019 Grab Groundwater	11/03/2019 15:10	1193636
MW-114-11032019 Grab Groundwater	11/03/2019 13:20	1193637
B-1-11032019 Grab Groundwater	11/03/2019 12:25	1193638
B-2-11032019 Grab Groundwater	11/03/2019 11:30	1193639
B-3-11032019 Grab Groundwater	11/03/2019 10:10	1193640
B-4-11032019 Grab Groundwater	11/03/2019 17:05	1193641

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

eurofins | Lancaster Laboratories Environmental

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

Analysis Report

Sample Description: **QA-11032019 Water**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019

Chevron
ELLE Sample #: GW 1193632
ELLE Group #: 2072919
Matrix: Water

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.	0.2	1	1
13130	Ethylbenzene	100-41-4	N.D.	0.4	1	1
13130	Toluene	108-88-3	N.D.	0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	19	250	1

The requirement for no headspace at the time of analysis was not met. The container used for the testing had headspace at the time of analysis.

Sample Comments

State of Washington Lab Certification No. C457

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/09/2019 22:59	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/09/2019 22:58	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/08/2019 21:33	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/08/2019 21:32	Jeremy C Giffin	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-109-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 14:15

Chevron
ELLE Sample #: GW 1193633
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.		0.2	1	1
13130	Ethylbenzene	100-41-4	N.D.		0.4	1	1
13130	Toluene	108-88-3	N.D.		0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.		1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.		19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**		**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	41	J	30	98	1
08271	Heavy Range Organics C24-C40	n.a.	95	J	68	240	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.		30	98	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.		68	240	1
	The reverse surrogate, capric acid, is present at <1%.						
Metals Dissolved	**SW-846 6020**		**ug/l**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	29.4		0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Carcinogenic PAHs have been reported for this sample
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 03:02	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 03:01	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 01:30	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 01:29	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120031A	11/13/2019 19:24	Heather E Williams	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	193110029A	11/14/2019 03:03	Heather E Williams	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	193110029A	11/08/2019 08:05	Alison Moll	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120031A	11/08/2019 08:05	Alison Moll	1

*=This limit was used in the evaluation of the final result

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Sample Description: **MW-109-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 14:15

Chevron
ELLE Sample #: GW 1193633
ELLE Group #: 2072919
Matrix: Groundwater

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 05:29	Choon Y Tian	1
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-111-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 09:05

Chevron
ELLE Sample #: GW 1193634
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	1	0.2	1	1
13130	Ethylbenzene	100-41-4	20	0.4	1	1
13130	Toluene	108-88-3	0.3 J	0.2	1	1
13130	Xylene (Total)	1330-20-7	2 J	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	4,500	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	2,100	29	95	1
08271	Heavy Range Organics C24-C40	n.a.	970	66	240	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	250	29	95	1
12005	HRO C24-C40 w/Si Gel	n.a.	400	66	240	1

The reverse surrogate, capric acid, is present at <1%.

Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	**ug/l**	
06035	Lead	7439-92-1	49.4	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 03:27	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 03:26	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 01:53	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 01:52	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120031A	11/13/2019 20:30	Heather E Williams	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	193110029A	11/14/2019 03:25	Heather E Williams	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	193110029A	11/08/2019 08:05	Alison Moll	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120031A	11/08/2019 08:05	Alison Moll	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 05:33	Choon Y Tian	1

*=This limit was used in the evaluation of the final result

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Sample Description: **MW-111-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 09:05

Chevron
ELLE Sample #: GW 1193634
ELLE Group #: 2072919
Matrix: Groundwater

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-112-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 16:05

Chevron
ELLE Sample #: GW 1193635
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.		0.2	1	1
13130	Ethylbenzene	100-41-4	N.D.		0.4	1	1
13130	Toluene	108-88-3	N.D.		0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.		1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	38	J	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**		**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	60	J	30	97	1
08271	Heavy Range Organics C24-C40	n.a.	N.D.		68	240	1
Metals Dissolved	**SW-846 6020**		**ug/l**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	0.25	J	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 03:51	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 03:50	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 02:17	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 02:16	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120032A	11/12/2019 16:14	Heather E Williams	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120032A	11/10/2019 10:00	Osvaldo R Sanchez	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 05:47	Choon Y Tian	1
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-113-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 15:10

Chevron
ELLE Sample #: GW 1193636
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.	0.2	1	1
13130	Ethylbenzene	100-41-4	N.D.	0.4	1	1
13130	Toluene	108-88-3	N.D.	0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	100	29	94	1
08271	Heavy Range Organics C24-C40	n.a.	N.D.	66	240	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	**ug/l**	
06035	Lead	7439-92-1	0.25 J	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 04:16	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 04:15	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 02:41	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 02:40	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120032A	11/12/2019 16:36	Heather E Williams	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120032A	11/10/2019 10:00	Osvaldo R Sanchez	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 05:51	Choon Y Tian	1
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-114-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 13:20

Chevron
ELLE Sample #: GW 1193637
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.	0.2	1	1
13130	Ethylbenzene	100-41-4	N.D.	0.4	1	1
13130	Toluene	108-88-3	N.D.	0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	110	30	95	1
08271	Heavy Range Organics C24-C40	n.a.	670	67	240	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	95	1
12005	HRO C24-C40 w/Si Gel	n.a.	310	67	240	1
	The reverse surrogate, capric acid, is present at <1%.					
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	**ug/l**	
06035	Lead	7439-92-1	0.21 J	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 04:40	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 04:39	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 03:05	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 03:04	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120031A	11/13/2019 20:08	Heather E Williams	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	193110029A	11/14/2019 03:47	Heather E Williams	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	193110029A	11/08/2019 08:05	Alison Moll	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120031A	11/08/2019 08:05	Alison Moll	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 05:08	Choon Y Tian	1

*=This limit was used in the evaluation of the final result

Sample Description: **MW-114-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 13:20

Chevron
ELLE Sample #: GW 1193637
ELLE Group #: 2072919
Matrix: Groundwater

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-1-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 12:25

Chevron
ELLE Sample #: GW 1193638
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.	0.2	1	1
13130	Ethylbenzene	100-41-4	N.D.	0.4	1	1
13130	Toluene	108-88-3	N.D.	0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	N.D.	29	95	1
08271	Heavy Range Organics C24-C40	n.a.	N.D.	66	240	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	**ug/l**	
06035	Lead	7439-92-1	0.30 J	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 05:04	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 05:03	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 03:28	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 03:27	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120032A	11/12/2019 16:58	Heather E Williams	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120032A	11/10/2019 10:00	Osvaldo R Sanchez	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 05:54	Choon Y Tian	1
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-2-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 11:30

Chevron
ELLE Sample #: GW 1193639
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.	0.2	1	1
13130	Ethylbenzene	100-41-4	N.D.	0.4	1	1
13130	Toluene	108-88-3	N.D.	0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	67 J	29	95	1
08271	Heavy Range Organics C24-C40	n.a.	N.D.	66	240	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	**ug/l**	
06035	Lead	7439-92-1	1.2	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 05:29	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 05:28	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 03:52	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 03:51	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120032A	11/12/2019 17:20	Heather E Williams	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120032A	11/10/2019 10:00	Osvaldo R Sanchez	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 05:58	Choon Y Tian	1
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-3-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 10:10

Chevron
ELLE Sample #: GW 1193640
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	0.2 J	0.2	1	1
13130	Ethylbenzene	100-41-4	8	0.4	1	1
13130	Toluene	108-88-3	0.3 J	0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	1,500	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	1,400	29	95	1
08271	Heavy Range Organics C24-C40	n.a.	84 J	67	240	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	90 J	29	95	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	240	1

The reverse surrogate, capric acid, is present at <1%.

Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	**ug/l**	
06035	Lead	7439-92-1	8.2	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 05:53	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 05:52	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 04:15	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 04:14	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120031A	11/13/2019 19:02	Heather E Williams	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	193110029A	11/14/2019 04:09	Heather E Williams	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	193110029A	11/08/2019 08:05	Alison Moll	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120031A	11/08/2019 08:05	Alison Moll	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 06:02	Choon Y Tian	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-3-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 10:10

Chevron
ELLE Sample #: GW 1193640
ELLE Group #: 2072919
Matrix: Groundwater

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-4-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 17:05

Chevron
ELLE Sample #: GW 1193641
ELLE Group #: 2072919
Matrix: Groundwater

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
13130	Benzene	71-43-2	N.D.	0.2	1	1
13130	Ethylbenzene	100-41-4	0.4 J	0.4	1	1
13130	Toluene	108-88-3	N.D.	0.2	1	1
13130	Xylene (Total)	1330-20-7	N.D.	1	6	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	1,500	19	250	1
GC Petroleum Hydrocarbons	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
08271	Diesel Range Organics C12-C24	n.a.	290	30	96	1
08271	Heavy Range Organics C24-C40	n.a.	410	67	240	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	120	30	96	1
12005	HRO C24-C40 w/Si Gel	n.a.	270	67	240	1

The reverse surrogate, capric acid, is present at <1%.

Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	**ug/l**	
06035	Lead	7439-92-1	36.3	0.071	0.50	1

Sample Comments

State of Washington Lab Certification No. C457
Sample was field filtered for dissolved lead.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13130	BTEX 8260C	SW-846 8260C	1	Z193131AA	11/10/2019 06:17	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	Z193131AA	11/10/2019 06:16	Sara E Johnson	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	19311B20A	11/09/2019 04:39	Jeremy C Giffin	1
01146	GC VOA Water Prep	SW-846 5030C	1	19311B20A	11/09/2019 04:38	Jeremy C Giffin	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	193120031A	11/13/2019 19:46	Heather E Williams	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	193110029A	11/14/2019 04:31	Heather E Williams	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	193110029A	11/08/2019 08:05	Alison Moll	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	193120031A	11/08/2019 08:05	Alison Moll	1
06035	Lead	SW-846 6020	1	193171404706A	11/15/2019 06:05	Choon Y Tian	1

*=This limit was used in the evaluation of the final result

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Sample Description: **B-4-11032019 Grab Groundwater**
Facility# 211556
101 Mulford Road - Toledo, WA

Project Name: **211556**

Submittal Date/Time: 11/05/2019 10:30
Collection Date/Time: 11/03/2019 17:05

Chevron
ELLE Sample #: GW 1193641
ELLE Group #: 2072919
Matrix: Groundwater

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14047	ICPMS - Water, 3020A - U345	SW-846 3020A	1	193171404706	11/14/2019 05:15	Annamaria Kuhns	1

*=This limit was used in the evaluation of the final result

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Quality Control Summary

Client Name: Chevron
Reported: 11/19/2019 11:34

Group Number: 2072919

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: Z193131AA	Sample number(s): 1193632-1193641		
Benzene	N.D.	0.2	1
Ethylbenzene	N.D.	0.4	1
Toluene	N.D.	0.2	1
Xylene (Total)	N.D.	1	6
Batch number: 19311B20A	Sample number(s): 1193632-1193641		
NWTPH-Gx water C7-C12	N.D.	19	250
Batch number: 193120031A	Sample number(s): 1193633-1193634,1193637,1193640-1193641		
Diesel Range Organics C12-C24	N.D.	31	100
Heavy Range Organics C24-C40	N.D.	70	250
Batch number: 193120032A	Sample number(s): 1193635-1193636,1193638-1193639		
Diesel Range Organics C12-C24	N.D.	31	100
Heavy Range Organics C24-C40	N.D.	70	250
Batch number: 193110029A	Sample number(s): 1193633-1193634,1193637,1193640-1193641		
DRO C12-C24 w/Si Gel	N.D.	31	100
HRO C24-C40 w/Si Gel	N.D.	70	250
Batch number: 193171404706A	Sample number(s): 1193633-1193641		
Lead	0.17 J	0.071	0.50

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Z193131AA	Sample number(s): 1193632-1193641								
Benzene	20	19.73	20	19.72	99	99	80-120	0	30
Ethylbenzene	20	19.39	20	19.65	97	98	80-120	1	30
Toluene	20	20.06	20	20.43	100	102	80-120	2	30
Xylene (Total)	60	61.48	60	62.21	102	104	80-120	1	30
	ug/l	ug/l	ug/l	ug/l					
Batch number: 19311B20A	Sample number(s): 1193632-1193641								
NWTPH-Gx water C7-C12	1100	1074.54	1100	1109.38	98	101	64-131	3	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 11/19/2019 11:34

Group Number: 2072919

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 193120031A	Sample number(s): 1193633-1193634,1193637,1193640-1193641								
Diesel Range Organics C12-C24	1600.13	1158.88	1600.13	1222.87	72	76	50-113	5	20
Batch number: 193120032A	Sample number(s): 1193635-1193636,1193638-1193639								
Diesel Range Organics C12-C24	1600.13	1036.17	1600.13	1049.67	65	66	50-113	1	20
	ug/l	ug/l	ug/l	ug/l					
Batch number: 193110029A	Sample number(s): 1193633-1193634,1193637,1193640-1193641								
DRO C12-C24 w/Si Gel	1600.13	830.06	1600.13	870.77	52	54	32-117	5	20
	ug/l	ug/l	ug/l	ug/l					
Batch number: 193171404706A	Sample number(s): 1193633-1193641								
Lead	5.00	5.22			104		90-110		

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 193171404706A	Sample number(s): 1193633-1193641 UNSPK: 1193637									
Lead	0.209	5.00	5.51	5.00	5.31	106	102	75-125	4	20

Laboratory Duplicate

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	BKG Conc ug/l	DUP Conc ug/l	DUP RPD	DUP RPD Max
Batch number: 193171404706A	Sample number(s): 1193633-1193641 BKG: 1193637			
Lead	0.209	0.189	10 (1)	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 11/19/2019 11:34

Group Number: 2072919

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX 8260C
Batch number: Z193131AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
1193632	86	90	97	93
1193633	86	89	97	93
1193634	83	89	98	101
1193635	85	89	98	93
1193636	85	90	97	92
1193637	86	92	96	93
1193638	86	90	97	93
1193639	87	88	96	92
1193640	83	88	97	98
1193641	83	88	97	100
Blank	84	90	96	92
LCS	84	91	97	97
LCSD	83	89	97	97
Limits:	80-120	80-120	80-120	80-120

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 19311B20A

	Trifluorotoluene-F
1193632	84
1193633	85
1193634	105
1193635	72
1193636	87
1193637	88
1193638	83
1193639	82
1193640	76
1193641	94
Blank	82
LCS	94
LCSD	94
Limits:	50-150

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 193110029A

	Orthoterphenyl
1193633	69
1193634	84
1193637	72
1193640	86

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 11/19/2019 11:34

Group Number: 2072919

Surrogate Quality Control (continued)

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 193110029A

	Orthoterphenyl
1193641	69
Blank	77
LCS	89
LCSD	86
Limits:	50-150

Analysis Name: NWTPH-Dx water
Batch number: 193120031A

	Orthoterphenyl
1193633	94
1193634	102
1193637	94
1193640	120
1193641	92
Blank	102
LCS	109
LCSD	111
Limits:	50-150

Analysis Name: NWTPH-Dx water
Batch number: 193120032A

	Orthoterphenyl
1193635	93
1193636	101
1193638	96
1193639	86
Blank	85
LCS	94
LCSD	96
Limits:	50-150

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Chevron Northwest Region Analysis Request/Chain of Custody

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Acct. # 11928 — For Eurofins Lancaster Laboratories use only — Group # 2072519 — Sample # 1193632-41

Instructions on reverse side correspond with circled numbers.

(1) Client Information

Facility # SS#211556-OML G-R#17156773 WBS

Site Address 101 Mulford Road, TOLEDO, WA

Chevron PM EH ARCADISDK Lead Consultant Komal Dixit

Consultant/Office Gettler-Ryan Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, (deanna@grinc.com)

Consultant Phone # (925) 551-7444 x180

Sampler Alex W.

(4) Matrix

Soil ☐ Sediment ☐ Water ☒ Ground ☐ Potable ☐ Surface ☐ NPDES ☐ Oil ☐ Air ☐

(3) Grab / Composite

(2) Sample Identification / Collected

(5) Analyses Requested

Total Number of Containers; BTEX ☒; 8260 ☒ Naphth ☒; 8021 ☐; 8260 full scan; Oxygenates ____; NWTPH-Gx; NWTPH-Dx with Silica Gel Cleanup ☒; NWTPH-Dx without Silica Gel Cleanup ☒; WA VPH ☐; WA EPH ☐; Lead Total ☐ Diss. ☒ Method 6020 ICP/MS

Sample Identification	Collected Date	Collected Time	Grab	Composite	Soil	Water	Oil	Total Containers	BTEX	8260 Naphth	8021	8260 full scan	Oxygenates	NWTPH-Gx	NWTPH-Dx with Silica Gel Cleanup	NWTPH-Dx without Silica Gel Cleanup	WA VPH	WA EPH	Lead Total	Lead Diss. (6020 ICP/MS)
QA	191103		X			X		2	X					X						
mw-109	191103	1415	X			X		9	X					X	X	X			X	X
mw-111	191103	0905	X			X		9	X					X	X	X			X	X
mw-112	191103	1605	X			X		9	X					X		X			X	X
mw-113	191103	1510	X			X		9	X					X		X			X	X
mw-114	191103	1320	X			X		9	X					X	X	X			X	X
B-1	191103	1225	X			X		9	X					X		X			X	X
B-2	191103	1130	X			X		9	X					X		X			X	X
B-3	191103	1010	X			X		9	X					X	X	X			X	X
B-4	191103	1705	X			X		9	X					X	X	X			X	X

SCR #: _____

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm MTBE + Naphthalene
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

(6) Remarks

Please report results for Dx with & without sgc. TPWHD-1 Dissolved Lead sample to be filtered by the lab; all other Dissolved Lead samples to be field filtered.

Please forward lab results directly to the LC. The TPW sample results should be forwarded directly to Deanna Harding (deanna@grinc.com).

(7) Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | EDF/EDD | 72 hour | 48 hour | 24 hour

(8) Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

CVX-RTBU-FI_05 (default)

Other: _____

(9)

Relinquished by	Date	Time	Received by	Date	Time
	191104	1700	11/5/19		
			(3) 11/5/19 2:58	11/5/19	
Relinquished by Commercial Carrier: UPS ____ FedEx X Other ____					
Temperature Upon Receipt 1.6 °C			Custody Seals Intact? Yes / No		1030

Client: CA Office

Delivery and Receipt Information

Delivery Method:	BASC	Arrival Date:	11/05/2019
Number of Packages:	5	Number of Projects:	4
State/Province of Origin:	CA		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	Total Trip Blank Qty:	2
Samples Chilled:	Yes	Trip Blank Type:	HCl
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Melvin Sanchez

Samples Chilled Details

Thermometer Types: *DT = Digital (Temp. Bottle)* *IR = Infrared (Surface Temp)* *All Temperatures in °C.*

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	192050133	3.1	IR	Wet	Y	Bagged	N
2	192050133	3.0	IR	Wet	Y	Bagged	N
3	192050133	1.9	IR	Wet	Y	Bagged	N
4	192050133	1.6	IR	Wet	Y	Bagged	N
5	192050133	2.9	IR	Wet	Y	Bagged	N

General Comments: Received Metals Batch QC for sample MW-114

2425 New Holland Pike
Lancaster, PA 17605-2425

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	**mL**	milliliter(s)
C	degrees Celsius	**MPN**	Most Probable Number
cfu	colony forming units	**N.D.**	non-detect
CP Units	cobalt-chloroplatinate units	**ng**	nanogram(s)
F	degrees Fahrenheit	**NTU**	nephelometric turbidity units
g	gram(s)	**pg/L**	picogram/liter
IU	International Units	**RL**	Reporting Limit
kg	kilogram(s)	**TNTC**	Too Numerous To Count
L	liter(s)	**µg**	microgram(s)
lb.	pound(s)	**µL**	microliter(s)
m3	cubic meter(s)	**umhos/cm**	micromhos/cm
meq	milliequivalents	**MCL**	Maximum Contamination Limit
mg	milligram(s)		

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
K1	Initial Calibration Blank is above the QC limit and the sample result is ND
K2	Continuing Calibration Blank is above the QC limit and the sample result is ND
K3	Initial Calibration Verification is above the QC limit and the sample result is ND
K4	Continuing Calibration Verification is above the QC limit and the sample result is ND
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
P^	Concentration difference between the primary and confirmation column > 40%. The higher result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.