2021 Annual Groundwater Monitoring Report

Former Union Oil Facility
Phillips 66 Site 5886
920 North 6th Avenue
Yakima, Washington
Facility Site ID: 53365837
VCP Site ID: CE0468

Phillips 66 Company

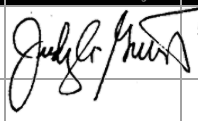
May 6, 2022

→ The Power of Commitment

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

Project name		P66 5886 Yakima						
Document title		2021 Annual Groundwater Monitoring Report | Former Union Oil Facility						
Project number		11226501						
File name		11226501-RPT6-2021 GWM						
Status Code	**Revision**	**Author**	**Reviewer**		**Approved for issue**			
			Name	**Signature**	**Name**	**Signature**	**Date**	
S4	00	Arthur Clauss	Matthew Davis		Judy Gilbert		5/6/2022	
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1. Introduction

GHD Services Inc. (GHD) prepared this report on behalf of Phillips 66 Company (P66). This annual report includes all groundwater monitoring data collected in 2021.

1.1 Site Information

Site Address	920 North 6th Avenue, Yakima, Washington
Site Use	Active Bulk Fuel Terminal
GHD Project Manager	Matthew Davis
Lead Agency	Washington Department of Ecology Voluntary Cleanup Program (VCP)
VCP Site ID	CE0468

2. Site Activities and Findings

2.1 Current Activities

Groundwater monitoring and sampling was completed by Blaine Tech Services, Inc. (BTS) according to the established monitoring program during 2021. Groundwater monitoring and sampling consisted of measuring depth-to-water in each well from the surveyed top of casing elevation and collecting a groundwater sample using low-flow sampling procedures. Groundwater samples were placed immediately on ice and shipped under chain-of-custody to an approved laboratory for analysis of the Site constituents of concern.

GHD prepared a site location map (Figure 1) and groundwater contour and chemical concentration maps (Figures 2 through 4). GHD prepared Table 1 summarizing groundwater monitoring data and laboratory analytical results. Field forms and the laboratory analytical reports are included as Appendices A and B, respectively.

2.2 Findings

Quarter/Date	**1st/March 4, 2021**
Groundwater Flow Direction	Southeast
Hydraulic Gradient	0.03 foot/foot
Depth to Water	21.70 to 23.93 feet below top of well casing
Quarter/Date	**2nd/June 28, 2021**
Groundwater Flow Direction	Southeast
Hydraulic Gradient	0.02 foot/foot
Depth to Water	16.50 to 18.82 feet below top of well casing
Quarter/Date	**3rd/September 15, 2021**
Groundwater Flow Direction	South
Hydraulic Gradient	0.01 foot/foot
Depth to Water	14.50 to 16.61 feet below top of well casing

Groundwater monitoring activities included gauging all site wells and sampling wells MW-15, MW-17, and MW-19 during the first quarter 2021. Following the first quarter 2021, GHD requested, and Ecology approved removing wells MW-17 and MW-19 from the sampling program after being below MTCA Method A cleanup levels for four consecutive quarters. Monitoring well MW-15 continued to be sampled in the second and third quarters of 2021. BTS attempted twice to travel to the Site for the fourth quarter sampling event in December 2021 but significant snowfall caused Snoqualmie Pass to close and prevented travel to the Site. Sampling was rescheduled for the earliest availability in January 2022.

Light non-aqueous phase liquid (LNAPL) was present in monitoring well MW-15 and measured to be 0.03 foot in thickness in the first quarter 2021. Following first quarter sampling activities, BTS installed an oil sorbent sock in MW-15 for passive collection of LNAPL. The oil sorbent sock was subsequently removed and replaced prior to and following the second and third quarter sampling events. Laboratory analytical results indicate concentrations of total petroleum hydrocarbons as gasoline (TPHg), diesel (TPHd), oil (TPHo) and/or benzene exceeding MTCA Method A cleanup levels in well MW-15 during second and third quarter sampling events. Wells MW-17 and MW-19 did not have detections of any analyzed constituents in the first quarter 2021.

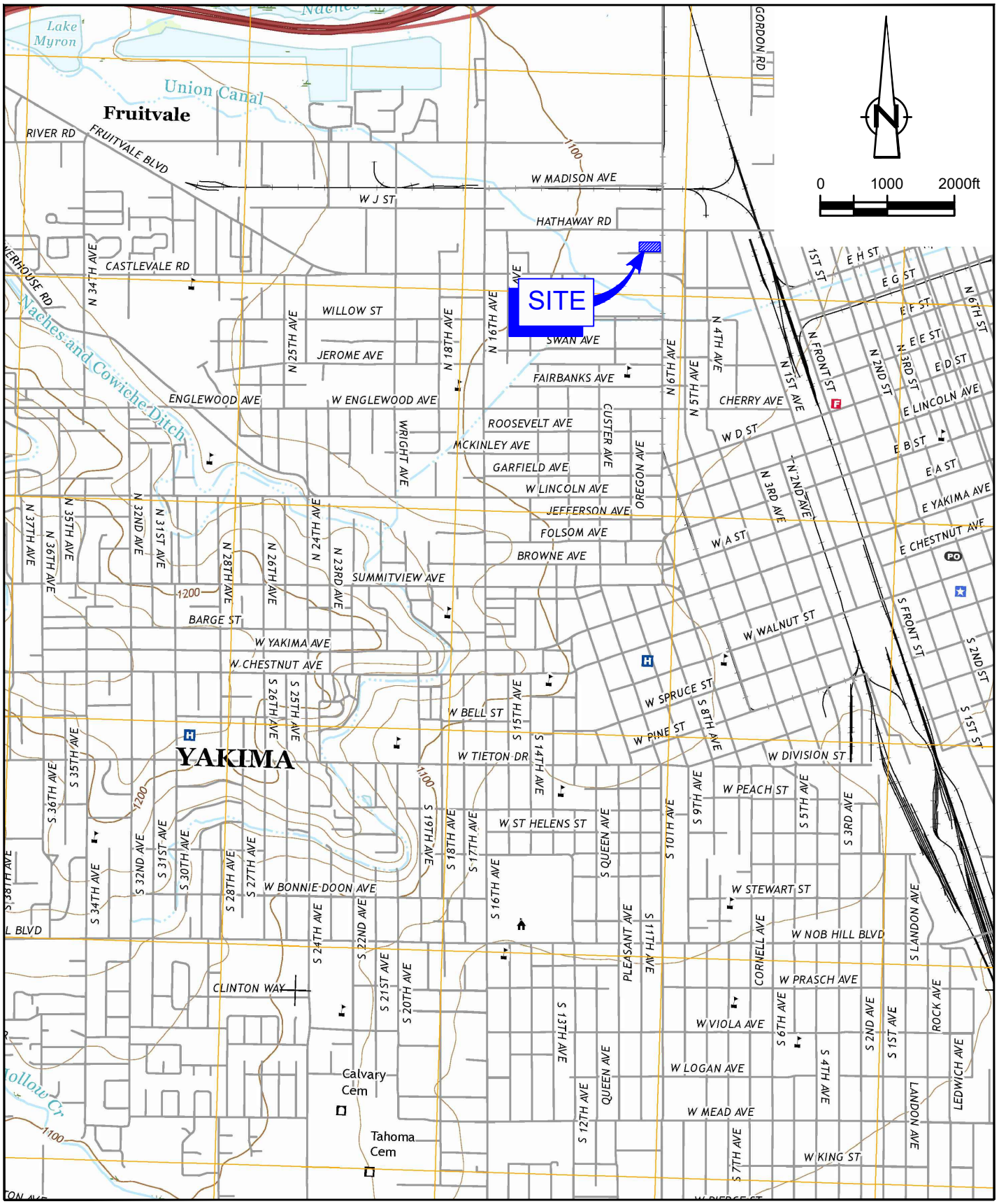
3. Investigation Derived Waste

Investigation Derived Waste (IDW) including purge water from groundwater sampling and the absorbent socks were transported after each event to Blaine Tech's facility in Auburn, Washington. On September 30, 2021, DH Environmental, Inc. transported the waste to the Waste Management facility in Arlington, Oregon. Waste manifest documentation is provided in Appendix C.

4. Conclusions

GHD has discontinued sampling all but well MW-15. Concentrations in well MW-15 continue to be above MTCA Method A cleanup levels following Petrofix™ injections completed in November 2020. GHD requests reducing the frequency of groundwater monitoring to annually until concentrations have decreased below MTCA Method A cleanup levels.

Figures



Source: USGS QUADRANGLE MAP: YAKIMA WEST, WA. (2017).

PHILLIPS 66 SITE 5886
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

11226501

Jan 8, 2021

SITE LOCATION MAP

FIGURE 1

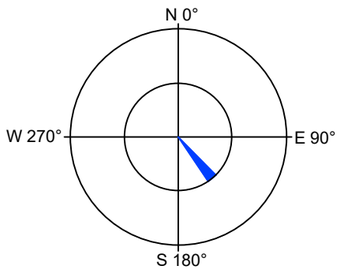
CAD File: N:\US\Lynnwood\Projects\561\11220390\Digital_Design\ACAD 2020\Figures\RPT001\11220390(RPT001)GN-WA001.DWG

LEGEND

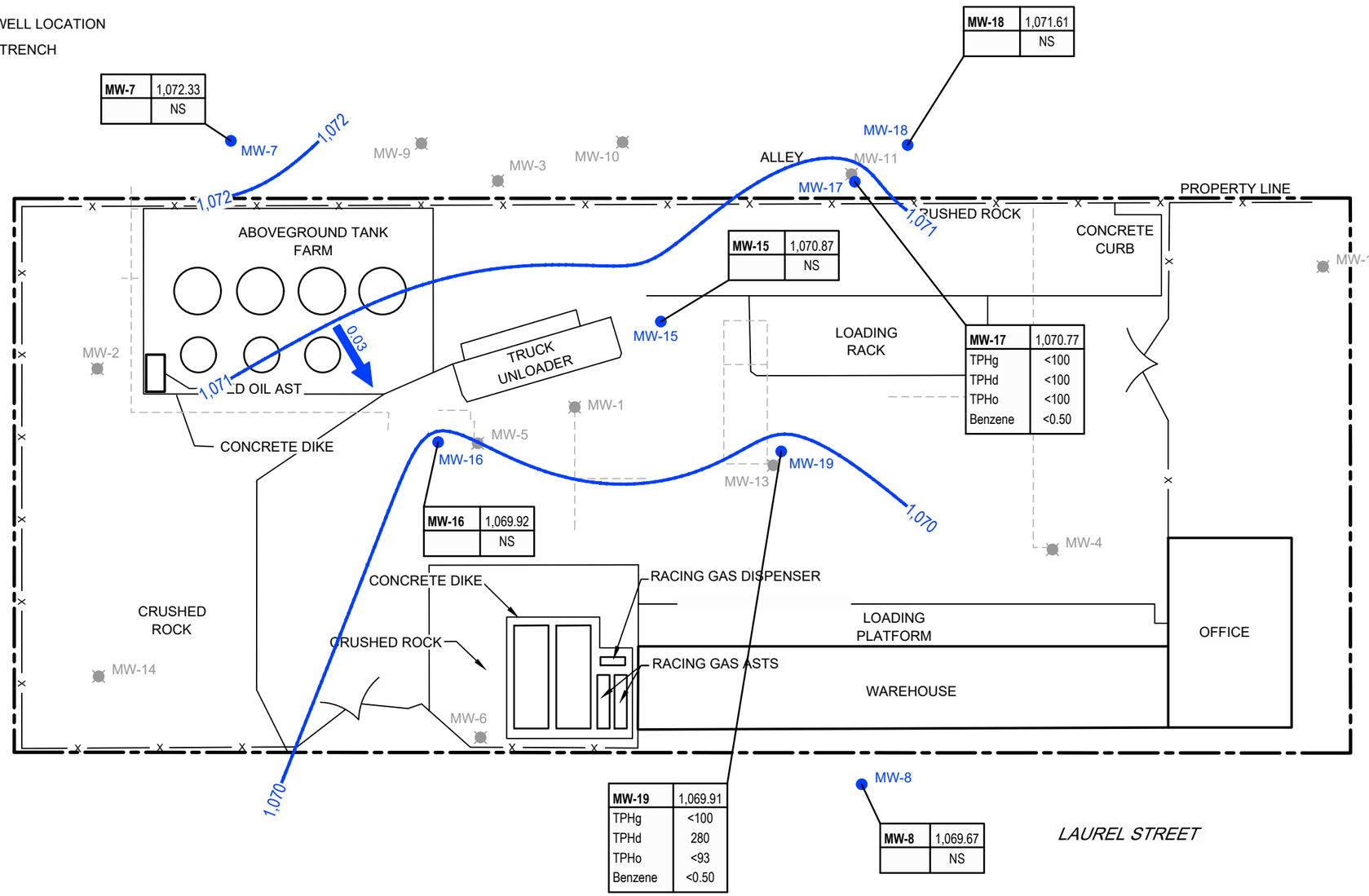
- APPROXIMATE PROPERTY LINE
- MW-1 — MONITORING WELL LOCATION
- MW-6 — DECOMMISSIONED/ABANDONED MONITORING WELL LOCATION
- ABANDONED IN PLACE UNDERGROUND PIPING TRENCH
- 1,071 — GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET AMSL)
- 0.03 — GROUNDWATER FLOW DIRECTION AND GRADIENT
- SAMPLE LOCATION
- GROUNDWATER ELEVATION (MSL)
- RESULT
- PARAMETER

MW-16	1,068.96
TPHg	<100
TPHd	<400
TPHo	<400
Benzene	<1.0

NOTES:
1. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
1. TPHg = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
2. TPHd = TOTAL PETROLEUM HYDROCARBONS AS DIESEL
3. TPHo = TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL
4. B = BENZENE
5. <X = NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT.
6. NS = NOT SAMPLED
7. BOLD = EXCEEDANCE ABOVE MODEL TOXICS CONTROL ACT (MTCA) METHOD A CLEANUP LEVEL



GROUNDWATER FLOW DIRECTION



Source: STANTEC, FIGURE 2, SITE MAP WITH ANALYTICAL RESULTS (JUNE 14 & 15, 2010), DATED 7/12/10. STATEWIDE LAND SURVEYING, INC. 6/5/18.

0 15 30ft

PHILLIPS 66 SITE 5886
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - MARCH 4, 2021

11225601
Apr 13, 2021

FIGURE 2

CAD File: N:\US\Lynnwood\Projects\561\11220390\Digital_Design\ACAD 2020\Figures\LTR001\11220390-GHD-0000-LTR-EN-0101_SO-001.DWG

LEGEND

- APPROXIMATE PROPERTY LINE
- MW-1 — MONITORING WELL LOCATION
- MW-6 — DECOMMISSIONED/ABANDONED MONITORING WELL LOCATION
- ABANDONED IN PLACE UNDERGROUND PIPING TRENCH
- 1,071 — GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET AMSL)
- 0.02 — GROUNDWATER FLOW DIRECTION AND GRADIENT
- SAMPLE LOCATION
- GROUNDWATER ELEVATION (MSL)
- RESULT
- PARAMETER

MW-16	1,068.96
TPHg	<100
TPHd	<400
TPHo	<400
Benzene	<1.0

NOTES:
1. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
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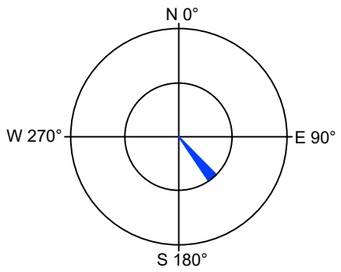
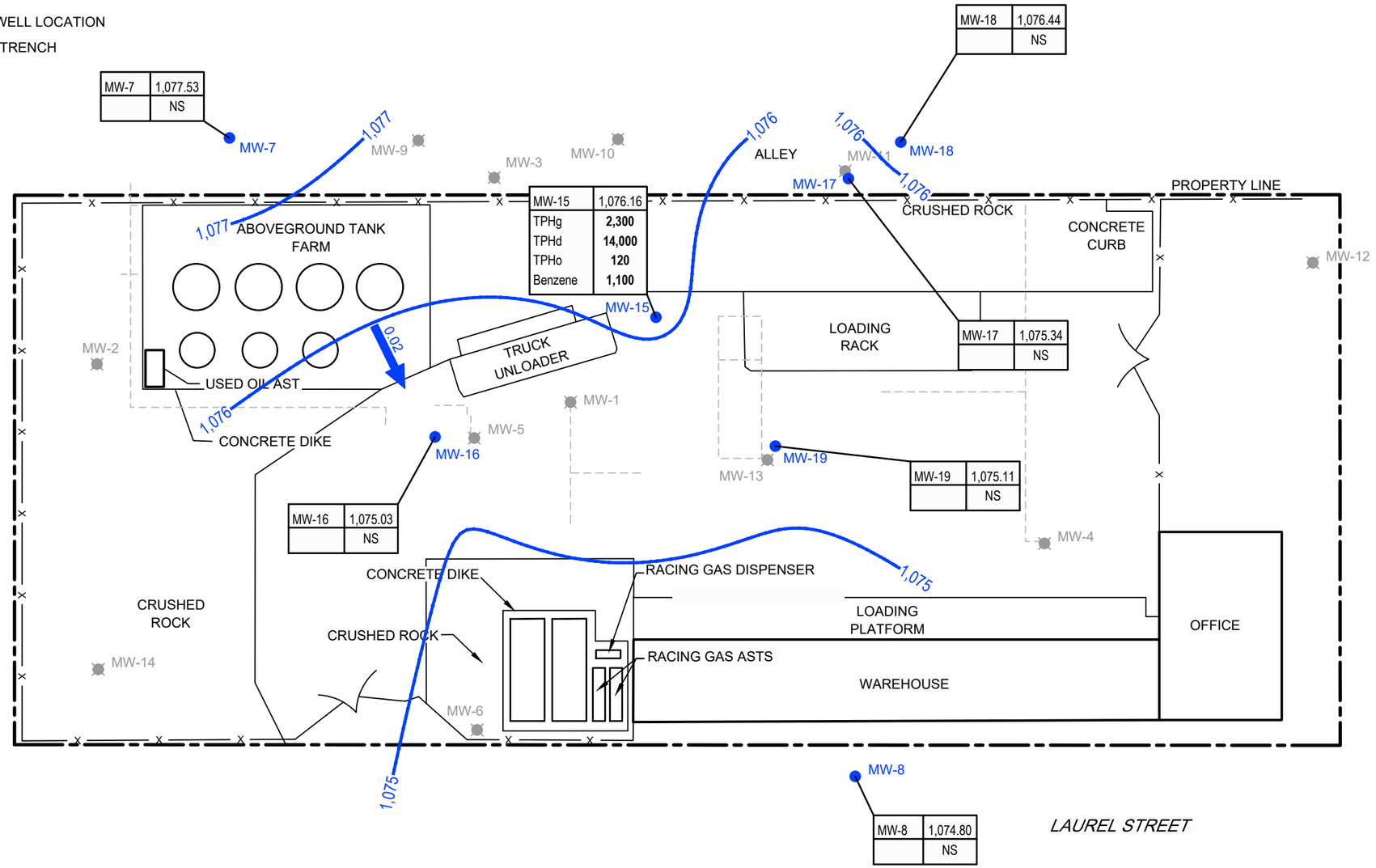


GROUNDWATER FLOW DIRECTION



0 15 30ft

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GHD

PHILLIPS 66 SITE 5886
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - JUNE 28, 2021

Project No. **11226501**
Date **August 2021**

FIGURE 3

Filename: N:\US\Lynnwood\Projects\561\11226501\Digital_Design\ACAD\Figures\LTR001\11226501-GHD-0000-LTR-EN-0101_SO-001.DWG
Plot Date: 02 August 2021 2:40 PM

Source: STANTEC, FIGURE 2, SITE MAP WITH ANALYTICAL RESULTS (JUNE 14 & 15, 2010), DATED 7/12/10. STATEWIDE LAND SURVEYING, INC. 6/5/18.

LEGEND

- APPROXIMATE PROPERTY LINE
- MW-1 — MONITORING WELL LOCATION
- MW-6 — DECOMMISSIONED/ABANDONED MONITORING WELL LOCATION
- ABANDONED IN PLACE UNDERGROUND PIPING TRENCH
- 1,071 — GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED (FEET AMSL)
- 0.01 — GROUNDWATER FLOW DIRECTION AND GRADIENT
- SAMPLE LOCATION
- GROUNDWATER ELEVATION (MSL)
- RESULT
- PARAMETER

MW-16	1,068.96
TPHg	<100
TPHd	<400
TPHo	<400
Benzene	<1.0

NOTES:
1. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
1. TPHg = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
2. TPHd = TOTAL PETROLEUM HYDROCARBONS AS DIESEL
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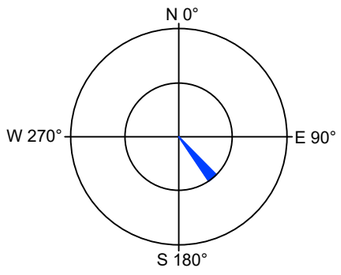
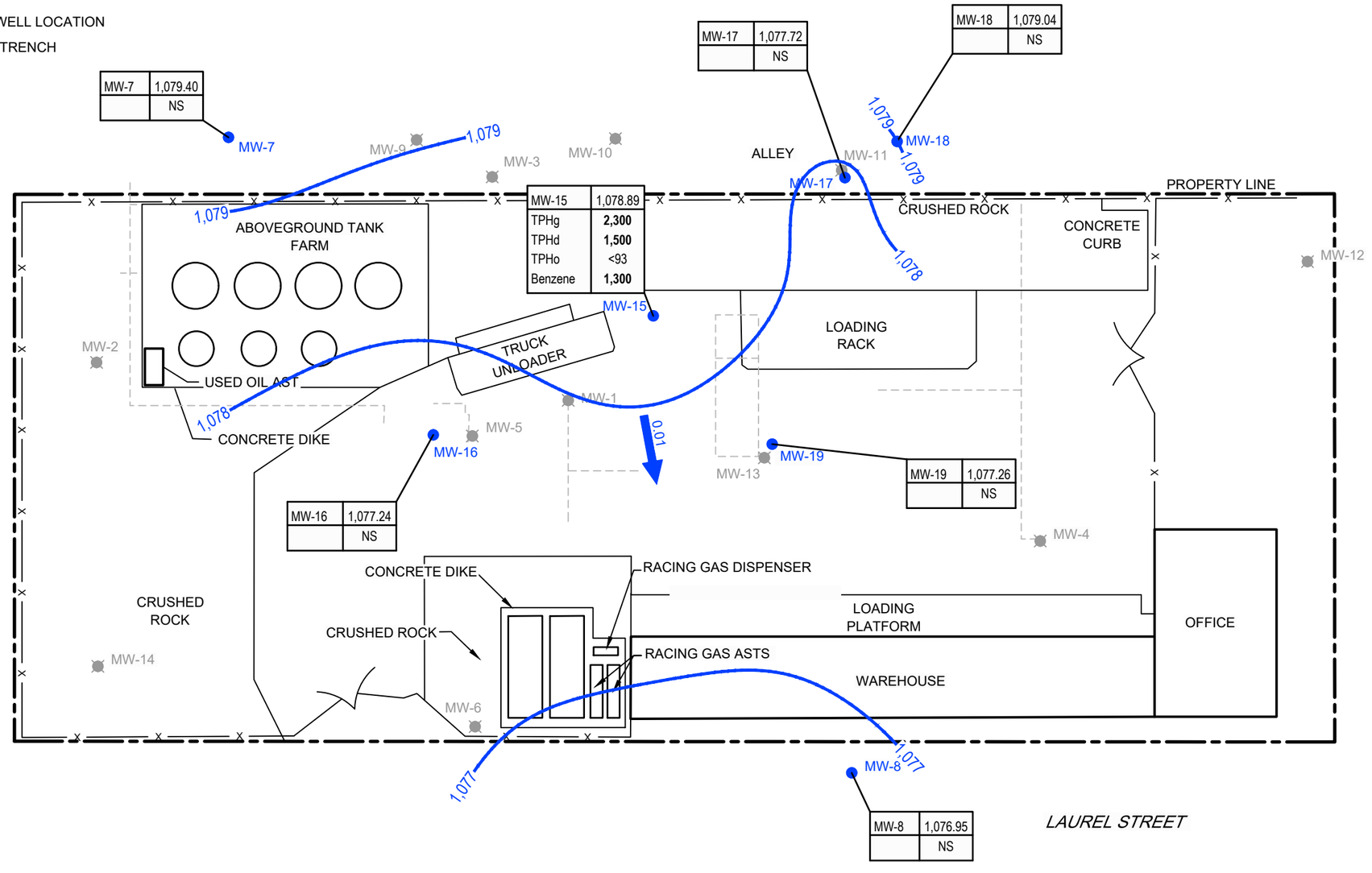


GROUNDWATER FLOW DIRECTION



0 15 30ft

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GHD

PHILLIPS 66 SITE 5886
920 NORTH 6TH AVENUE
YAKIMA, WASHINGTON

GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - SEPTEMBER 15, 2021

Project No. **11226501**
Date **December 2021**

FIGURE 4

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Source: STANTEC, FIGURE 2, SITE MAP WITH ANALYTICAL RESULTS (JUNE 14 & 15, 2010), DATED 7/12/10. STATEWIDE LAND SURVEYING, INC. 6/5/18.

Tables

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MTCA Method A Cleanup Levels:						800	500		5	1,000	700	1,000	20	5	0.01	15	15	NE	160	NE	NE
MW-1	7/14/1989	104.44	--		--	--	--	**38,000**	<0.5	<0.5	1.4	5.5	--	--	--	--	--	--	--	--	--
MW-1	5/23/1991	103.8	14.04	--	90.40	<1,000	<1000	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-1	9/25/1991	103.8	18.57	--	85.87	<1,000	<1000	<1,000	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-1	9/28/1998	103.8	14.10		90.34	<50	**638**	<500	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--
MW-1	3/24/1999	103.8	21.96	--	83.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	4/28/1999	103.8	18.21	--	83.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/22/2000	103.8	20.73	--	83.71	84.1	**1,800**	<500	**12.9**	<0.500	<0.500	<1.00	<5.00	--	--	--	--	--	--	--	--
MW-1	9/14/2000	103.8	14.01	--	90.43	<50.0	**730**	<500	<0.5	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-1	4/12/2001	103.8	20.08	--	84.36	118	**60,100**	<20,500	**8.31**	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-1	9/12/2001	103.8	14.05	--	90.39	<50.0	261	<500	<0.5	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-1	3/20/2002	103.8	18.98		85.46	245	**71,600**	**1,050**	<0.5	<2.00	<1.00	<1.50	<5.00	--	--	--	--	--	--	--	--
MW-1	9/25/2002	103.8	14.13	--	90.31	<100	383	<500	1.70	2.99	<1.00	1.55	--	--	--	--	--	--	--	--	--
MW-1	3/11/2003	103.8	17.51	--	86.93	639	**10,200**	<500	**158**	2.97	17.7	23.8	--	--	--	--	--	--	--	--	--
MW-1	7/31/2003	103.8	13.96	--	90.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	9/23/2003	103.8	14.26	--	90.18	<50	**974**	<500	<0.5	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-1	3/9/2004	103.8	20.43	--	84.01	**1,220**	**573**	<237	**673**	<10	99.9	144.4	--	--	--	--	--	--	--	--	--
MW-1	9/13/2004	103.8	14.10	--	90.34	588	**8,470**	<498	<1.0	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-1	4/7/2005	103.8	23.05	--	81.39	**19,200**	**620,000**	**8,890**	**78.5**	<50	<50	64.6	--	--	--	--	--	--	--	--	--
MW-1	6/16/2005	103.8	16.02	--	88.42	**1,090**	**191,000**	<10,200	<1.0	<1	1.67	8.37	--	--	--	--	--	--	--	--	--
MW-1	9/27/2005	103.8	14.33	--	90.11	<48	**2,100**	180	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--	--
MW-1	12/6/2005	103.8	17.11	--	87.33	110	**13,000**	<2,000	2.0	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	2/3/2006	103.8	18.53	--	85.91	200	**1,600**	<98	**95**	2	9	29	--	--	--	--	--	--	--	--	--
MW-1	4/26/2006	103.8	15.30	--	89.14	380	**9,000**	<500	**30**	2.0	28	83	--	--	--	--	--	--	--	--	--
MW-1	7/26/2006	103.8	13.96	--	90.48	<48	130	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	10/18/2006	103.8	14.51	--	89.93	<48	310	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	1/23/2007	103.8	19.01	--	85.43	<48	**3,800**	<500	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	4/19/2007	103.8	18.75	--	85.69	62	**2,410**	<490	1.50	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	7/17/2007	103.8	14.12	--	89.68	<50	400	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	10/15/2007	103.8								Unable to open											
MW-1	1/16/2008	103.8								Unable to open											
MW-1	4/17/2008	103.8	19.78	--	84.02	<50	290	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	10/15/2008	103.8		Unable to gauge		<50	<78	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-1	4/8/2009	103.8	21.20	--	82.60	439	400	<410	1.4	<1.0	1.6	8.2	<1.0	<1.0	<0.010	8.02	6.26	--	--	--	--
MW-1	6/24/2009	103.8	14.35	--	89.45						Gauge only this quarter.										
MW-1	9/21/2009	103.8	13.75	--	90.05						Gauge only this quarter.										
MW-1	11/30/2009	103.8	16.54	--	87.26						Gauge only this quarter.										
MW-1	3/2/2010	103.8	19.83	--	83.97	299	228	98.5 J	**80.9**	1.1	7.5	13.0	--	--	--	--	--	--	--	--	--
MW-1	6/14/2010	103.8	14.87	--	88.93	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-1	8/30/2010	103.8	13.13	--	90.67	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-1	12/14/2010	103.8	16.54	--	87.26	<50.0	256	<396	**76.3**	<1.0	3.9	9.3	--	--	--	--	--	--	--	--	--
MW-1	3/21/2011	103.8	20.37	--	83.43	<50.0	78.5	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-1	5/19/2011	103.8	15.93	--	87.87	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-1	9/8/2011	103.8	13.35	--	90.45	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	12/28/11[b]	103.8	18.22	--	85.58	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	3/8/2012	103.8	21.09	--	82.71	<50	<29	<67	0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	6/27/2012	103.8	13.78	--	90.02	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	9/4/2012	103.8	12.90	--	90.90	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	11/27/2012	103.8	15.80	--	88.00	130	**1,100**	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	3/25/2013	103.8	22.10	--	81.70	<50	<32	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	6/13/2013	103.8	16.10	--	87.70	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	9/23/2013	103.8	14.00	--	89.80	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	12/12/2013	103.8	17.30	--	86.50	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-1	4/9/2014	103.8								Well was dry											
MW-1	6/25/2014	103.8								Well was dry											
MW-1	9/24/2014	103.8								Well was dry											

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-1	12/28/2015	103.8									Unable to locate										
MW-2	7/14/1989	105.98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-2	5/23/1991	105.76	14.12		91.86	<1,000	<1,000	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-2	9/25/1991	105.76	18.91	--	87.07	<1,000	<1,000	<1,000	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-2	9/28/1998	105.76	14.52	--	91.46	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--
MW-2	3/24/1999	105.76	22.45	--	83.53	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	<5.00	--	--	--	--	--	--	--	--
MW-2	3/22/2000	105.76	22.25	--	83.73	<50.0	**5,660**	<500	<0.500	<0.500	<0.500	<1.00	<5.00	--	--	--	--	--	--	--	--
MW-2	9/14/2000	105.76	14.43	--	91.55	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-2	4/12/2001	105.76	21.01	--	84.97	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-2	9/12/2001	105.76	14.44	--	91.54	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-2	3/20/2002	105.76	19.80	--	86.18	<100	<250	<500	<0.500	<2.00	<1.00	<1.50	<5.00	--	--	--	--	--	--	--	--
MW-2	9/25/2002	105.76	14.63	--	91.35	<100	<250	<500	<0.500	<2.00	<1.00	<1.50	--	--	--	--	--	--	--	--	--
MW-2	3/11/2003	105.76	18.20	--	87.78	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-2	7/31/2003	105.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/23/2003	105.76	14.79	--	91.19	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-2	3/9/2004	105.76	21.73	--	84.25	<100	<119	<238	<1.00	<1.00	<1.00	<2.00	--	--	--	--	--	--	--	--	--
MW-2	8/24/2004	105.76	14.48	--	91.50	<100	<247	<494	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-2	4/7/2005	105.76									Well covered by drums										
MW-2	6/16/2005	105.76	16.75	--	89.23	<100	<271	<542	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-2	9/27/2005	105.76	14.70	--	91.28	<48	<82	<100	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--	--
MW-2	12/6/2005	105.76	18.01	--	87.97	<48	93	180	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	2/3/2006	105.76	19.68	--	86.30	<48	<82	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	4/26/2006	105.76	15.62	--	90.36	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	7/26/2006	105.76	14.25	--	91.73	<48	190	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	10/18/2006	105.76	14.95	--	91.03	<48	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	1/23/2007	105.76	19.97	--	86.01	<48	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	4/19/2007	105.76									Not sampled										
MW-2	7/17/2007	105.76	14.35	--	91.41	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	10/16/2007	105.76	14.47	--	91.29	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	1/16/2008	105.76									Unable to locate										
MW-2	4/17/2008	105.76	19.74	--	86.02	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	10/15/2008	105.76	14.25	--	91.51	<50	<77	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-2	4/8/2009	105.76	23.29	--	82.47							Insufficient water to sample									
MW-2	6/24/2009	105.76	14.95	--	90.81							Gauge only this quarter.									
MW-2	9/21/2009	105.76	14.25	Trace	91.51							Gauge only this quarter.									
MW-2	11/30/2009	105.76	17.36	--	88.40							Gauge only this quarter.									
MW-2	3/2/2010	105.76	21.10	--	84.66	16.4 J	38.3 J	<59.2	<0.12	<0.21	<0.20	2.3 J	--	--	--	--	--	--	--	--	--
MW-2	6/14/2010	105.76	15.28	--	90.48	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-2	8/30/2010	105.76	13.83	--	91.93	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-2	12/14/2010	105.76									Inaccessible										
MW-2	3/27/2011	105.76									Inaccessible										
MW-2	5/19/2011	105.76									Inaccessible										
MW-2	9/8/2011	105.76	13.90	--	91.86	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-2	12/28/11[b]	105.76	19.20	--	86.56	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-2	3/8/2012	105.76	22.36	--	83.40	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-2	6/27/2012	105.76	14.16	--	91.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	07/12/12[c]	105.76	13.86	--	91.90	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-2	9/4/2012	105.76	13.49	--	92.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/27/2012	105.76	16.42	--	89.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/25/2013	105.76									Well was dry										
MW-2	6/13/2013	105.76	16.83	--	88.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/23/2013	105.76	14.60	--	91.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/12/2013	105.76	18.04		87.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/9/2014	105.76									Well was dry										
MW-2	6/25/2014	105.76									Well was dry										
MW-2	9/24/2014	105.76									Well was dry										

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-2	12/28/2015	105.76								Well was dry											
MW-3	7/14/1989	104.66	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-3	5/23/1991	104.32	13.37	--	91.29	<1,000	<1,000	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-3	9/25/1991	104.32	17.98	--	86.68	<1,000	<1,000	<1,000	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-3	9/28/1998	104.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/24/1999	104.32	21.20	--	83.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	4/28/1999	104.32	18.30	--	86.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/22/2000	104.32	20.50	--	84.16	**6,300**	<250	<500	**392**	**1,160**	206	930	<50.0	--	--	--	--	--	--	--	--
MW-3	9/14/2000	104.32	13.22	--	91.44	**3,660**	**728**	<500	**158**	339	150	526	--	--	--	--	--	--	--	--	--
MW-3	4/12/2001	104.32	19.6	--	85.06	**10,400**	**3,400**	<500	**281**	**1,090**	278	**1,190**	--	--	--	--	--	--	--	--	--
MW-3	9/12/2001	104.32	13.21	--	91.45	**1,180**	**552**	<500	**48.4**	13.5	31.7	50.3	--	--	--	--	--	--	--	--	--
MW-3	3/20/2002	104.32	18.35	--	86.31	**45,600**	491	<500	**1,060**	**6,150**	**1,460**	**6,720**	<2.00	--	--	--	--	--	--	--	--
MW-3	9/25/2002	104.32	13.32	--	91.34	**1,070**	<250	<500	**50.9**	20.4	37.6	89.5	--	--	--	--	--	--	--	--	--
MW-3	3/11/2003	104.32	16.44	--	88.22	**1,660**	**509**	<500	**21.8**	76.9	50.4	206	--	--	--	--	--	--	--	--	--
MW-3	7/31/2003	104.32	13.21	--	91.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/23/2003	104.32	13.44	--	91.22	617	**1,060**	<500	**17.9**	8.47	16.1	17.5	--	--	--	--	--	--	--	--	--
MW-3	3/9/2004	104.32	20.22	--	84.44	**54,800**	**1,300**	<256	**1,180**	**11,000**	**1,010**	**5,340**	--	--	--	--	--	--	--	--	--
MW-3	8/24/2004	104.32	13.35	--	91.31	**16,600**	**5,760**	<499	**56**	122	152	**1,309**	--	--	--	--	--	--	--	--	--
MW-3	4/7/2005	104.32	22.38	--	82.28	**54,500**	<244	<487	**517**	**8,650**	**1,010**	**7,910**	--	--	--	--	--	--	--	--	--
MW-3	6/16/2005	104.32	15.50	--	89.16	**48,000**	**85,800**	<5,140	**81.1**	976	**1,250**	**7,760**	--	--	--	--	--	--	--	--	--
MW-3	9/27/2005	104.32	13.44	--	91.22	**6,200**	**9,200**	<2,000	**30**	64	110	360	--	--	--	--	--	--	--	--	--
MW-3	12/6/2005	104.32	16.49	--	88.17	**2,800**	**4,900**	<970	**19**	25	40	150	--	--	--	--	--	--	--	--	--
MW-3	2/3/2006	104.32	18.28	--	86.38	**42,000**	**3,900**	<540	**460**	**2,400**	**1,800**	**7,900**	--	--	--	--	--	--	--	--	--
MW-3	4/26/2006	104.32	14.09	--	90.57	470	**570**	380	<0.5	<0.7	4.0	26	--	--	--	--	--	--	--	--	--
MW-3	7/26/2006	104.32	13.08	--	91.58	**5,400**	180	100	**60**	290	190	660	--	--	--	--	--	--	--	--	--
MW-3	10/18/2006	104.32	13.77	--	90.39	**1,000**	140	<98	**5**	26	25	86	--	--	--	--	--	--	--	--	--
MW-3	1/23/2007	104.32	18.45	--	86.21	**10,000**	**2,400**	<490	**180**	250	260	**1,400**	--	--	--	--	--	--	--	--	--
MW-3	4/19/2007	104.32	18.27	--	86.39	**3,850**	400	<98	**11.8**	131	158	864	--	--	--	--	--	--	--	--	--
MW-3	7/17/2007	104.32	13.21	--	91.11	**6,300**	**860**	<99	**13.0**	24	140	710	--	--	--	--	--	--	--	--	--
MW-3	10/16/2007	104.32	13.27	--	91.05	**2,300**	220	<95	3	2	43	32	--	--	--	--	--	--	--	--	--
MW-3	1/16/2008	104.32								Unable to open											
MW-3	4/17/2008	104.32	19.30	--	85.02	470	<76	<95	**6**	8	2	52	--	--	--	--	--	--	--	--	--
MW-3	10/15/2008	104.32	13.11	--	91.21	320	<78	<97	0.6	<0.7	8	4	--	--	--	--	--	--	--	--	--
MW-3	4/8/2009	104.32	21.85	--	82.47							Insufficient water to sample									
MW-3	6/24/2009	104.32	13.70	--	90.62	251 [cd]	66 J	<39	<1.0	1.5	3.1	51.8	--	--	--	--	--	--	--	--	--
MW-3	9/21/2009	104.32	13.24	--	91.08	<50.0	<78	100 J	<1.0	<1.0	<1.0	0.15 J	--	--	--	--	--	--	--	--	--
MW-3	11/30/2009	104.32	16.06	--	88.26	<50.0 [ab]	41J	<380	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-3	3/2/2010	104.32	19.70	--	84.62	**20,700**	**945**	255 J	**150**	**1,470**	654	**6,710**	--	--	--	--	--	--	--	--	--
MW-3	6/15/2010	104.32	13.91	--	90.41	171	283	<392	<1.0	<1.0	1.8	25.0	--	--	--	--	--	--	--	--	--
MW-3	8/31/2010	104.32	12.91	--	91.41	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-3	12/15/2010	104.32	16.18	--	88.14	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-3	3/21/2011	104.32	20.38	--	83.94	**7,790**	**810**	<392	**28.9**	344	275	**1,940**	--	--	--	--	--	--	--	--	--
MW-3	5/20/2011	104.32	15.45	--	88.87	56.4	<78.4	<392	<1.0	<1.0	1.2	9.5	--	--	--	--	--	--	--	--	--
MW-3	9/8/2011	104.32	13.02	--	91.30	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-3	12/28/11 [b]	104.32	17.86	--	86.46	**870**	**530**	<140	3	<0.5	<0.5	55	--	--	--	--	--	<50	--	--	--
MW-3	3/9/2012	104.32	20.75	--	83.57	**3,300**	290	<67	<1	<1	<1	<1	--	--	--	--	--	<100	--	--	--
MW-3	6/27/2012	104.32	13.19	--	91.13	<50	<28	<66	<0.5	<0.5	<0.5	1	--	--	--	--	--	<50	--	--	--
MW-3	9/4/2012	104.32	12.71	--	91.61	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-3	11/27/2012	104.32	15.22	--	89.10	<50	<35	<82	<0.5	0.6	<0.5	2	--	--	--	--	--	<50	--	--	--
MW-3	3/25/2013	104.32	21.78	--	82.54	580	32	<67	<0.5	1	5	140	--	--	--	--	--	<50	--	--	--
MW-3	6/13/2013	104.32	15.65	--	88.67	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-3	9/23/2013	104.32	13.50	--	90.82	<50	40	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-3	12/12/2013	104.32	16.61	--	87.71	110	<30	<70	<0.5	2	3	27	--	--	--	--	--	<50	--	--	--
MW-3	4/9/2014	104.32								Well was dry											
MW-3	6/25/2014	104.32								Well was dry											
MW-3	9/24/2014	104.32								Well was dry											

Table 1

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76 Products Facility No. 351384
920 North 6th Avenue
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Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-3	12/28/2015	104.32									Well was dry										
				--																	
MW-4	7/14/1989	104.12	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-4	5/23/1991	103.83	16.25	--	87.87	<1,000	<1,000	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-4	9/25/1991	103.83	19.86	--	84.26	<1,000	<1,000	<1,000	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-4	9/28/1998	103.83	15.79	--	88.33	<50	<250	<500	1	<0.5	<0.5	<1.0	--	--	--	--	--	--	--	--	--
MW-4	3/24/1999	103.83	22.82	--	81.30	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	<5.00	--	--	--	--	--	--	--	--
MW-4	3/22/2000	103.83	22.45	--	81.67	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	<5.00	--	--	--	--	--	--	--	--
MW-4	9/14/2000	103.83	15.50	--	88.62	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-4	4/12/2001	103.83	21.68	--	82.44	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-4	9/12/2001	103.83	15.55	--	88.57	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-4	3/20/2002	103.83	20.78	--	83.34	<100	<250	<500	<0.500	<2.00	<1.00	<1.50	<5.00	--	--	--	--	--	--	--	--
MW-4	9/25/2002	103.83	15.58	--	88.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/11/2003	103.83	19.55	--	84.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7/31/2003	103.83	15.45	--	88.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/23/2003	103.83	15.80	--	88.32	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-4	3/9/2004	103.83	21.80	--	82.32	<100	<118	<236	<1.00	<1.00	<1.00	<2.00	--	--	--	--	--	--	--	--	--
MW-4	8/24/2004	103.83	15.60	--	88.52	<100	<248	<497	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-4	4/7/2005	103.83	23.56	--	80.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/16/2005	103.83	17.78	--	86.34	<100	<253	<506	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-4	9/27/2005	103.83	16.05	--	88.07	<48	170	<100	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--	--
MW-4	12/6/2005	103.83									Well not located under ice and snow.										
MW-4	2/3/2006	103.83	20.35	--	83.77	<48	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	4/26/2006	103.83	18.41	--	85.71	<48	<79	100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	7/26/2006	103.83	15.98	--	88.14	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	10/18/2006	103.83	16.40	--	87.72	<48	<79	190	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	1/23/2007	103.83	20.93	--	83.19	<48	<81	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	4/19/2007	103.83								Not Sampled											
MW-4	7/17/2007	103.83	15.60	--	88.23	<50	110	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	10/16/2007	103.83	15.40	--	88.43	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	1/16/2008	103.83	20.16	--	83.67	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	4/17/2008	103.83	19.44	--	84.39	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	10/15/2008	103.83	15.52	--	88.31	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-4	4/8/2009	103.83	22.97	--	80.86							Insufficient water to sample									
MW-4	6/24/2009	103.83	16.08	--	87.75							Gauge only this quarter.									
MW-4	9/21/2009	103.83	15.36	--	88.47							Gauge only this quarter.									
MW-4	11/30/2009	103.83	18.13	--	85.70							Gauge only this quarter.									
MW-4	3/1/2010	103.83	21.15	--	82.68	14.8 J	71.8 J	179 J	<0.12	0.21 J	0.56 J	1.4 J	--	--	--	--	--	--	--	--	--
MW-4	6/14/2010	103.83	17.00	--	86.83	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-4	8/30/2010	103.83	14.89	--	88.94	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-4	12/14/2010	103.83	17.98	--	85.85	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-4	3/21/2011	103.83	21.60	--	82.23	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-4	5/19/2011	103.83	17.45	--	86.38	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-4	9/8/2011	103.83	14.99	--	88.84	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-4	12/28/11[b]	103.83	19.60	--	84.23	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-4	3/8/2012	103.83	22.34	--	81.49	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-4	6/27/2012	103.83	15.97	--	87.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	07/12/12[c]	103.83	15.31	--	88.52	<50	30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-4	9/4/2012	103.83	14.31	--	89.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/27/2012	103.83	18.07	--	85.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/25/2013	103.83	23.13	--	80.70						Insufficient water to sample										
MW-4	6/13/2013	103.83	17.90	--	85.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/23/2013	103.83	16.00	--	87.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/12/2013	103.83	19.74	--	84.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/9/2014	103.83								Well was dry											
MW-4	6/25/2014	103.83								Well was dry											
MW-4	9/24/2014	103.83								Well was dry											

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-4	12/28/2015	103.83								Unable to locate											
MW-5	3/24/1999	104.69	22.63	--	82.06	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	<5.00	--	--	--	--	--	--	--	--
MW-5	3/22/2000	104.69	22.33	--	82.36	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	<5.00	--	--	--	--	--	--	--	--
MW-5	9/14/2000	104.69	14.28	--	90.41	184	417	<500	**36.2**	<0.500	7.81	1.48	--	--	--	--	--	--	--	--	--
MW-5	4/12/2001	104.69	21.68	--	83.01	<50.0	310	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-5	9/12/2001	104.69	14.75	--	89.94	52.2	<250	<500	**12.1**	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-5	3/20/2002	104.69	21.09	--	83.60	<100	<250	<500	<0.500	<2.00	<1.00	<1.50	<2.00	--	--	--	--	--	--	--	--
MW-5	9/25/2002	104.69	15.42	--	89.27	<100	<250	<500	0.888	<2.00	<1.00	<1.50	--	--	--	--	--	--	--	--	--
MW-5	3/11/2003	104.69	19.85	--	84.84	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-5	7/31/2003	104.69	15.37	--	89.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/23/2003	104.69	15.58	--	89.11	<50	<250	<500	**5.08**	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-5	3/9/2004	104.69	21.85	--	82.84	<100	<118	<236	<1	<1.00	<1.00	<2.00	--	--	--	--	--	--	--	--	--
MW-5	8/24/2004	104.69	15.48	--	89.21	<100	<246	<492	4.63	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-5	4/7/2005	104.69	23.82	--	80.87	515	**629**	<505	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-5	6/16/2005	104.69	19.80	--	84.39	<100	<251	<501	<1.0	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-5	9/27/2005	104.69	15.89	--	88.80	<48	290	<98	**9.1**	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--	--
MW-5	12/6/2005	104.69	19.20	--	85.49	57	95	160	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	2/3/2006	104.69	20.58	--	84.11	<48	<160	<200	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	4/26/2006	104.69	18.35	--	86.34	<48	**760**	150	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	7/26/2006	104.69	15.87	--	88.82	<48	**670**	260	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	10/18/2006	104.69	16.23	--	88.46	<48	180	390	0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	1/23/2007	104.69	21.08	--	83.61	<48	110	190	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	4/19/2007	104.69	21.55	--	83.14	<50	<81	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	7/17/2007	104.3	15.76	--	88.54	<50	**780**	290	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	10/16/2007	104.3	15.56	--	88.74	320	200	<95	**24**	0.7	15	35	--	--	--	--	--	--	--	--	--
MW-5	1/16/2008	104.3	20.75	--	83.55	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	4/17/2008	104.3	22.58	--	81.72	81	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-5	10/15/2008	104.3	15.60	--	88.70	190	160	<96	**10**	<0.7	4	24	--	--	--	--	--	--	--	--	--
MW-5	4/8/2009	104.3	23.19	--	81.11	<50.0	<83	<420	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.00	<1.00	--	--	--	--
MW-5	6/24/2009	104.3	15.20	--	89.10	42.9 J	<79	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-5	9/21/2009	104.3	15.16	--	89.14	43.3 J	<78	<390	<1.0	<1.0	<1.0	1.6 J	--	--	--	--	--	--	--	--	--
MW-5	11/30/2009	104.3	18.50	--	85.80	<50.0 [ab]	56J	<380	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-5	3/2/2010	104.3	21.60	--	82.70	<13.4	41.6J	<58.4	<0.12	<0.21	<0.20	4.9	--	--	--	--	--	--	--	--	--
MW-5	6/15/2010	104.3	17.10	--	87.20	<50.0	160	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-5	8/31/2010	104.3	13.80	--	90.50	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-5	12/15/2010	104.3	18.62	--	85.68	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-5	3/21/2011	104.3	22.09	--	82.21	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-5	5/20/2011	104.3	17.92	--	86.38	<50.0	83.0	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-5	9/8/2011	104.3	14.89	--	89.41	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-5	12/28/11 [b]	104.3	20.16	--	84.14	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-5	3/8/2012	104.3	22.78	--	81.52	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-5	6/27/2012	104.3	15.62	--	88.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	07/12/12 [c]	104.3	15.28	--	89.02	<50	100	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-5	9/4/2012	104.3	13.90	--	90.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/27/2012	104.3	17.11	--	87.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/25/2013	104.3	23.88	--	80.42						Insufficient water to sample										
MW-5	6/13/2013	104.3	18.50	--	85.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/23/2013	104.3	16.20	--	88.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	12/12/2013	104.3	19.90	--	84.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/9/2014	104.3								Well was dry											
MW-5	6/25/2014	104.3								Well was dry											
MW-5	9/24/2014	104.3								Well was dry											
MW-5	12/28/2015	104.3								Unable to locate											
MW-6	3/24/1999	105.03	23.72	--	81.31	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	<5.00	--	--	--	--	--	--	--	--
MW-6	3/22/2000	105.03	23.50	--	81.53	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	<5.00	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-6	9/14/2000	105.03	16.13	--	88.90	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-6	4/12/2001	105.03	22.76	--	82.27	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-6	9/12/2001	105.03	16.24	--	88.79	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-6	3/20/2002	105.03	22.09	--	82.94	<100	<250	<500	<0.500	<2.00	<1.00	<1.50	<5.00	--	--	--	--	--	--	--	--
MW-6	9/25/2002	105.03	16.28	--	88.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/11/2003	105.03	20.79	--	84.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/31/2003	105.03	16.26	--	88.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/23/2003	105.03	16.53	--	88.50	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-6	3/9/2004	105.03	22.90	--	82.16	<100	<136	<272	<1.00	<1.00	<1.00	<2.00	--	--	--	--	--	--	--	--	--
MW-6	8/24/2004	105.03	16.25	--	88.78	<100	<249	<499	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-6	4/7/2005	105.03	24.70	--	80.33	<100	<250	<499	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-6	6/16/2005	105.03	18.60	--	86.43	<100	<258	<515	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-6	9/27/2005	105.03	16.69	--	88.34	<48	14	<100	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--	--
MW-6	12/6/2005	105.03	20.05	--	84.98	<48	<160	<200	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	2/3/2006	105.03	21.32	--	83.71	<48	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	4/26/2006	105.03	19.42	--	85.61	<48	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	7/26/2006	105.03	16.80	--	88.23	<48	140	100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	10/18/2006	105.03	17.25	--	87.78	<48	<79	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	1/23/2007	105	21.94	--	83.09	<48	<81	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	4/19/2007	105	22.77	--	82.26	<50	<84	<110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	7/17/2007	105	16.57	--	88.43	<50	130	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	10/15/2007	105	17.87	--	87.13	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	1/16/2008	105								Unable to locate											
MW-6	10/15/2008	105	16.93	--	88.07	<50	<76	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-6	4/8/2009	105	24.25	--	80.75	<50.0	<82	<410	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.00	<1.00	--	--	--	--
MW-6	6/24/2009	105	18.03	--	86.97							Gauge only this quarter.									
MW-6	9/21/2009	105	16.62	--	88.38							Gauge only this quarter.									
MW-6	11/30/2009	105	19.65	--	85.35							Gauge only this quarter.									
MW-6	3/1/2010	105	22.55	--	82.45	<13.4	43.6 J	<58.7	<0.12	<0.21	<0.20	1.6 J	--	--	--	--	--	--	--	--	--
MW-6	6/14/2010	105	18.45	--	86.55	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-6	8/30/2010	105	15.79	--	89.21	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-6	12/14/2010	105	19.68	--	85.32	<50.0	151	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-6	3/21/2011	105	23.04	--	81.96	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-6	5/19/2011	105	18.98	--	86.02	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-6	9/8/2011	105	16.21	--	88.79	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-6	12/28/11[b]	105	21.11	--	83.89	<50	30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-6	3/8/2012	105	23.77	--	81.23	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-6	6/27/2012	105	17.57	--	87.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	07/12/12[c]	105	16.72	--	88.28	<50	140	72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-6	9/4/2012	105	15.30	--	89.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/27/2012	105	19.21	--	85.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/25/2013	105	24.95	--	80.05	<50	<32	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-6	6/13/2013	105	19.60	--	85.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/23/2013	105	17.40	--	87.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/12/2013	105	20.15	--	84.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	4/9/2014	105								Well was dry											
MW-6	6/25/2014	105								Well was dry											
MW-6	9/24/2014	105								Well was dry											
MW-6	12/28/2015	105								Unable to locate											
MW-7	7/31/2003	105.41	13.51	--	91.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/23/2003	104.73	13.72	--	91.69	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-7	3/9/2004	104.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/24/2004	104.73	13.60	--	91.81	<100	<277	<555	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-7	4/7/2005	104.73	22.93	--	82.48	<100	**2,910**	<561	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-7	6/16/2005	104.73	15.95	--	89.46	<100	<253	<507	<1	<1	<1	<2	--	--	--	--	--	--	--	--	--
MW-7	9/27/2005	104.73	13.76	--	91.65	<48	<79	<99	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-7	12/6/2005	104.73	17.10	--	88.31	<48	<160	<200	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-7	2/3/2006	104.73	18.89	--	86.52	<48	<82	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-7	4/26/2006	104.73	14.68	--	90.73	<48	<78	160	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-7	7/26/2006	104.73	14.29	--	91.12	<48	<79	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-7	10/18/2006	104.73	14.05	--	91.36	<48	<78	220	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-7	1/23/2007	104.73	19.15	--	86.26	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-7	4/19/2007	104.73								Not sampled											
MW-7	7/17/2007	104.73	13.50	--	91.23	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-7	10/15/2007	104.73								Unable to open											
MW-7	1/16/2008	104.73								Unable to open											
MW-7	4/17/2008	104.73								Well was dry											
MW-7	10/15/2008	104.73								Well was dry											
MW-7	4/8/2009	104.73								Well was dry											
MW-7	6/24/2009	104.73								Well was dry											
MW-7	9/21/2009	104.73	13.15	--	91.58							Gauge only this quarter.									
MW-7	11/30/2009	104.73	16.35	--	88.38							Gauge only this quarter.									
MW-7	3/2/2010	104.73	20.05	--	84.68	14.6 J	39.6 J	<58.7	<0.12	<0.21	<0.20	4.9	--	--	--	--	--	--	--	--	--
MW-7	6/14/2010	104.73	14.12	--	90.61	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-7	8/31/2010	104.73	12.65	--	92.08	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-7	12/15/2010	104.73	16.50	--	88.23	<50.0	158	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-7	3/21/2011	104.73	20.73	--	84.00	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-7	5/19/2011	104.73	15.69	--	89.04	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-7	9/8/2011	104.73	12.79	--	91.94	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-7	12/28/11[b]	104.73	18.20	--	86.53	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-7	3/8/2012	104.73	21.12	--	83.61	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-7	6/27/2012	104.73	13.02	--	91.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	07/12/12[c]	104.73	12.71	--	92.02	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-7	9/4/2012	104.73	12.35	--	92.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/27/2012	104.73	15.43	--	89.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/25/2013	104.73	22.11	--	82.62	<50	<31	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-7	6/13/2013	104.73	15.80	--	88.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/23/2013	104.73	13.70	--	91.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/12/2013	104.73	17.00	--	87.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/9/2014	104.73								Well was dry											
MW-7	6/25/2014	104.73								Well was dry											
MW-7	9/24/2014	104.73								Well was dry											
MW-7	12/28/2015	104.73								Well was dry											
MW-7	6/8/2018	1094.03	23.26	--	1070.77						Insufficient water to sample										
MW-7	9/19/2018	1094.03	12.47	--	1081.56	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-7	12/13/2018	1094.03	17.76	--	1076.27	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-7	3/18/2019	1094.03	22.65	--	1071.38	Insufficient water to sample		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/17/2019	1094.03	16.60	--	1077.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/16/2019	1094.03	13.74	--	1080.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/26/2019	1094.03	19.63	--	1074.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/9/2020	1094.03	23.48	--	1070.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/17/2020	1094.03	17.46	--	1076.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/10/2020	1094.03	14.02	--	1080.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/1/2020	1094.03	17.36	--	1076.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/14/2021	1094.03	19.49	--	1074.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/4/2021	1094.03	21.70	--	1072.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/28/2021	1094.03	16.50	--	1077.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/15/2021	1094.03	14.63	--	1079.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
				--																	
MW-8	7/31/2003	104.21	15.38	--	88.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/23/2003	104.21	15.64	--	88.57	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--
MW-8	3/9/2004	104.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/24/2004	104.21								Not accessible due to asphalt paving in street.											

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-8	4/7/2005	104.21						Not accessible due to asphalt paving in street.													
MW-8	6/16/2005	104.21						Not accessible due to asphalt paving in street.													
MW-8	9/27/2005	104.21						Not accessible due to asphalt paving in street.													
MW-8	12/6/2005	104.21						Not accessible due to asphalt paving in street.													
MW-8	2/3/2006	104.21						Not accessible due to asphalt paving in street.													
MW-8	4/26/2006	104.21	18.65	--	85.56	<48	150	120	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	7/26/2006	104.21	15.94	--	88.27	<48	110	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	10/18/2006	104.21	16.36	--	87.85	<48	<78	180	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	1/23/2007	104.21	21.16	--	83.05	<48	<79	190	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	4/19/2007	104.21	22.03	--	82.18	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	7/17/2007	104.21	15.70	--	88.51	<50	130	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	10/15/2007	104.21	16.00	--	88.21	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	1/16/2008	104.21	20.92	--	83.29	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	4/17/2008	104.21	23.06	--	81.15	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-8	10/15/2008	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	4/8/2009	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	6/24/2009	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	9/21/2009	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	11/30/2009	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	3/1/2010	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	6/14/2010	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	8/30/2010	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	12/14/2010	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	3/21/2011	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	5/19/2011	104.21						Unable to open -- well appeared damaged by traffic.													
MW-8	9/8/2011	104.21	15.35	--	88.86	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-8	12/28/11[b]	104.21	20.30	--	83.72	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-8	3/9/2012	104.21	23.07	--	81.14	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-8	6/27/2012	104.21	16.78	--	87.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	07/12/12[c]	104.21	15.83	--	88.38	<50	170	80	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-8	9/4/2012	104.21	14.38	--	89.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/27/2012	104.21	17.83	--	86.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/25/2013	104.21	24.07	--	80.14	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-8	6/13/2013	104.21	18.72	--	85.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/23/2013	104.21	16.50	--	87.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/12/2013	104.21	20.20	--	84.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	4/9/2014	104.21	27.12	--	77.09						Insufficient water to sample										
MW-8	6/25/2014	104.21	27.21	--	77.00						Insufficient water to sample										
MW-8	9/24/2014	104.21							Well was dry												
MW-8	12/28/2015	104.21	27.10	--	77.11						Insufficient water to sample										
MW-8	6/5/2018	1093.34	20.32	--	1073.02	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-8	9/19/2018	1093.34	14.60	--	1078.74	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-8	12/13/2018	1093.34	20.13	--	1073.21	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-8	3/18/2019	1093.34	24.54	--	1068.80	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-8	6/17/2019	1093.34	18.78	--	1074.56	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-8	9/16/2019	1093.34	16.70	--	1076.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/26/2019	1093.34	21.71	--	1071.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/9/2020	1093.34	25.70	--	1067.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/17/2020	1093.34	19.42	--	1073.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/10/2020	1093.34	16.80	--	1076.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/1/2020	1093.34	19.88	--	1073.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/14/2021	1093.34	20.69	--	1072.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/4/2021	1093.34	23.67	--	1069.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/28/2021	1093.34	18.54	--	1074.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/15/2021	1093.34	16.39	--	1076.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/17/2007	104.9	13.44	--	91.46	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-9	10/15/2007	104.9	13.60	--	91.30	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-9	1/16/2008	104.9								Unable to locate											
MW-9	4/17/2008	104.9	17.93	--	86.97	**860**	<76	<95	3	110	12	330	--	--	--	--	--	--	--	--	--
MW-9	10/15/2008	104.9	13.58	--	91.32	<50	<77	<96	<0.5	<0.7	<0.8	2	--	--	--	--	--	--	--	--	--
MW-9	4/8/2009	104.9	21.97	--	82.93	68.2	<83	<420	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.00	<1.00	--	--	--	--
MW-9	6/24/2009	104.9	14.15	--	90.75						Gauge only this quarter.										
MW-9	9/21/2009	104.9	13.62	--	91.28						Gauge only this quarter.										
MW-9	11/30/2009	104.9	16.61	--	88.29						Gauge only this quarter.										
MW-9	3/2/2010	104.9	20.26	--	84.64	52.8	43 J	<58.1	<0.12	0.25 J	0.26 J	8.6	--	--	--	--	--	--	--	--	--
MW-9	6/14/2010	104.9	14.50	--	90.40	<50.0	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-9	8/31/2010	104.9	13.20	--	91.70	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-9	12/15/2010	104.9	16.72	--	88.18	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-9	3/21/2011	104.9	20.91	--	83.99	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-9	5/19/2011	104.9	15.97	--	88.93	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-9	9/8/2011	104.9	13.32	--	91.58	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-9	12/28/11[b]	104.9	18.44	--	86.46	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-9	3/8/2012	104.9	21.27	--	83.63	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-9	6/27/2012	104.9	13.55	--	91.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	07/12/12[c]	104.9	13.30	--	91.60	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-9	9/4/2012	104.9	12.98	--	91.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/27/2012	104.9	15.78	--	89.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/25/2013	104.9	22.29	--	82.61	<50	<31	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-9	6/13/2013	104.9	16.00	--	88.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/23/2013	104.9	14.11	--	90.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/12/2013	104.9	17.30	--	87.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/9/2014	104.9	24.78	--	80.12							Insufficient water to sample									
MW-9	6/25/2014	104.9								Well was dry											
MW-9	9/24/2014	104.9								Well was dry											
MW-9	12/28/2015	104.9								Well was dry											
MW-10	7/17/2007	104.77	13.60	--	91.17	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-10	10/15/2007	104.77	13.74	--	91.03	<50	<76	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-10	1/16/2008	104.77								Unable to locate											
MW-10	4/17/2008	104.77	17.86	--	86.91	<50	<76	<95	1	5	2	7	--	--	--	--	--	--	--	--	--
MW-10	10/15/2008	104.77	13.70	--	91.07	<50	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-10	4/8/2009	104.77	21.57	--	83.20	55.4	<84	<420	<1.0	2.8	<1.0	5.0	<1.0	<1.0	<0.010	<1.00	<1.00	--	--	--	--
MW-10	6/24/2009	104.77	14.12	--	90.65							Gauge only this quarter.									
MW-10	9/21/2009	104.77	13.77	--	91.00							Gauge only this quarter.									
MW-10	11/30/2009	104.77	16.59	--	88.18							Gauge only this quarter.									
MW-10	3/1/2010	104.77	20.28	--	84.49	19.8 J	45.7 J	<58.1	<0.12	0.38 J	0.50 J	3.7	--	--	--	--	--	--	--	--	--
MW-10	6/14/2010	104.77	14.48	--	90.29	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-10	8/30/2010	104.77	13.44	--	91.33	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-10	12/14/2010	104.77	16.69	--	88.08	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-10	3/21/2011	104.77	20.85	--	83.92	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-10	5/19/2011	104.77	16.06	--	88.71	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-10	9/8/2011	104.77	13.53	--	91.24	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-10	12/28/11[b]	104.77	18.45	--	86.32	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-10	3/8/2012	104.77	21.21	--	83.56	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-10	6/27/2012	104.77	13.71	--	91.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	07/12/12[c]	104.77	13.50	--	91.27	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-10	9/4/2012	104.77	13.20	--	91.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/27/2012	104.77	15.70	--	89.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/25/2013	104.77	22.35	--	82.42	<50	<31	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-10	6/13/2013	104.77	16.10	--	88.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/23/2013	104.77	13.97	--	90.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/12/2013	104.77	17.20	--	87.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/9/2014	104.77	23.38	--	81.39							Insufficient water to sample									

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-10	6/25/2014	104.77								Well was dry											
MW-10	9/24/2014	104.77								Well was dry											
MW-10	12/28/2015	104.77								Well was dry											
MW-11	7/17/2007	104.33	14.10	--	90.23	<50	96	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-11	10/16/2007	104.33	14.45	--	89.88	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-11	1/16/2008	104.33								Unable to locate											
MW-11	4/17/2008	104.33	18.67	--	85.66	56	230	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-11	10/15/2008	104.33	14.00	--	90.33	53	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-11	4/8/2009	104.33	21.14	--	83.19							Insufficient water to sample									
MW-11	6/24/2009	104.33	14.52	--	89.81							Gauge only this quarter.									
MW-11	9/21/2009	104.33	13.99	--	90.34							Gauge only this quarter.									
MW-11	11/30/2009	104.33	16.65	--	87.68							Gauge only this quarter.									
MW-11	3/1/2010	104.33	20.26	--	84.07	<13.4	**2,960**	233 J	<0.12	<0.21	<0.20	<0.42	--	--	--	--	--	--	--	--	--
MW-11	6/14/2010	104.33	14.96	--	89.37	<50.0	248	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-11	8/30/2010	104.33	13.51	--	90.82	<50.0	317	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-11	12/14/2010	104.33	16.48		87.85	<50.0	230	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-11	3/21/2011	104.33	21.00	--	83.33	<50.0	**1,010**	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-11	5/19/2011	104.33	16.13	--	88.20	65.2	**847**	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-11	9/8/2011	104.33	13.70	--	90.63	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-11	12/28/11[b]	104.33	18.49	--	85.84	<50	350	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-11	3/8/2012	104.33	22.36	--	81.97							Insufficient water to sample									
MW-11	6/27/2012	104.33	13.87	--	90.46	<50	35	<67	<0.5	<0.5	<0.5	2	--	--	--	--	--	<50	--	--	--
MW-11	9/4/2012	104.33	13.28	--	91.05	<50	**1,600**	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-11	11/27/2012	104.33	15.80	--	88.53	<50	310	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	140	--	--	--
MW-11	3/25/2013	104.33	22.90	--	81.43							Insufficient water to sample									
MW-11	6/13/2013	104.33	16.33	--	88.00	<50	**7,600**	**600**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-11	9/23/2013	104.33	14.30	--	90.03	<50	37	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-11	12/12/2013	104.33	17.30	--	87.03	<50	**1,300**	390	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-11	4/9/2014	104.33								Well was dry											
MW-11	6/25/2014	104.33								Well was dry											
MW-11	9/24/2014	104.33								Well was dry											
MW-11	12/28/2015	104.33								Well was dry											
MW-12	7/17/2007	102.99	14.64	--	88.35	<50	<78	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-12	10/15/2007	102.99	14.90	--	88.09	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-12	1/16/2008	102.99								Unable to locate											
MW-12	4/17/2008	102.99	19.17	--	83.82	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-12	10/15/2008	102.99	14.98	--	88.01	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-12	4/9/2009	102.99	21.85	--	81.14	<50.0	<82	<410	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.00	<1.00	--	--	--	--
MW-12	6/24/2009	102.99	15.20	--	87.79							Gauge only this quarter.									
MW-12	9/21/2009	102.99	14.89	--	88.10							Gauge only this quarter.									
MW-12	11/30/2009	102.99	17.78	--	85.21							Gauge only this quarter.									
MW-12	3/1/2010	102.99	20.39	--	82.60	14.2 J	56.3 J	66.2 J	<0.12	<0.21	<0.20	1.6 J	--	--	--	--	--	--	--	--	--
MW-12	6/15/2010	102.99	16.46	--	86.53	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-12	8/31/2010	102.99	14.23	--	88.76	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-12	12/14/2010	102.99	17.44	--	85.55	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-12	3/21/2011	102.99	20.88	--	82.11	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-12	5/19/2011	102.99	17.10	--	85.89	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-12	9/8/2011	102.99	14.61	--	88.38	<50	<140	**1,200**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	12/28/11[b]	102.99	19.20	--	83.79	<50	<32	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	3/8/2012	102.99	21.65	--	81.34	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	6/27/2012	102.99	15.72	--	87.27	<50	47	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	9/4/2012	102.99	14.05	--	88.94	<50	65	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	11/27/2012	102.99	17.30	--	85.69	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	3/25/2013	102.99	22.87	--	80.12							Insufficient water to sample									
MW-12	6/13/2013	102.99	17.73	--	85.26	<50	--[d]	--[d]	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-12	9/23/2013	102.99	15.70	--	87.29	<50	57	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	12/12/2013	102.99	19.00	--	83.99	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-12	4/9/2014	102.99	22.98	--	80.01	Insufficient water to sample															
MW-12	6/25/2014	102.99	Well was dry																		
MW-12	9/24/2014	102.99	Well was dry																		
MW-12	12/28/2015	102.99	Well was dry																		
MW-13	7/17/2007	104.17	14.63	--	89.54	240	**2,300**	<97	**6**	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-13	10/15/2007	104.17	14.91	--	89.26	**1,400**	**730**	<94	**47**	2	97	76	--	--	--	--	--	--	--	--	--
MW-13	1/16/2008	104.17	Unable to locate																		
MW-13	4/17/2008	104.17	Unable to gauge	--	--	**1,200**	370	<94	**91**	13	48	120	--	--	--	--	--	--	--	--	--
MW-13	10/15/2008	104.17	14.88	--	88.29	**1,300**	450	<96	**38**	1	83	27	--	--	--	--	--	--	--	--	--
MW-13	4/8/2009	104.17	23.29	--	80.88	Insufficient water to sample															
MW-13	6/24/2009	104.17	15.43	--	88.74	571	**570**	<400	**7.5**	5.0	1.2	61.9	--	--	--	--	--	--	--	--	--
MW-13	9/21/2009	104.17	14.73	--	89.44	654	230	<390	**5.6**	<1.0	<1.0	15.2	--	--	--	--	--	--	--	--	--
MW-13	11/30/2009	104.17	17.36	--	86.81	318	230	<390	**15.0**	2.0	<1.0	11.2	--	--	--	--	--	--	--	--	--
MW-13	3/2/2010	104.17	21.28	--	82.89	82.1	215	72.0J	0.91 J	<0.21	0.31 J	5.4	--	--	--	--	--	--	--	--	--
MW-13	6/15/2010	104.17	15.98	--	88.19	130	**558**	<392	**7.4**	<1.0	<1.0	3.0	--	--	--	--	--	--	--	--	--
MW-13	8/31/2010	104.17	14.10	--	90.07	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-13	12/15/2010	104.17	17.50	--	86.67	204	226	<392	**10.4**	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-13	3/21/2011	104.17	21.90	--	82.27	132	297	<392	**19.3**	<1.0	3.1	<3.0	--	--	--	--	--		--	--	--
MW-13	5/20/2011	104.17	16.84	--	87.33	117	490	<392	4.6	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-13	9/8/2011	104.17	14.40	--	89.77	51	36	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-13	12/28/11[b]	104.17	19.81	--	84.36	180	**530**	<71	2	<0.5	1	0.7	--	--	--	--	--	<50	--	--	--
MW-13	3/9/2012	104.17	22.81	--	81.36	140	**850**	<66	**8**	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-13	6/27/2012	104.17	14.89	--	89.28	<50	**670**	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-13	9/4/2012	104.17	13.63	--	90.54	<50	240	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-13	11/27/2012	104.17	16.80	--	87.37	<50	490	<69	0.7	<0.5	<0.5	0.5	--	--	--	--	--	<50	--	--	--
MW-13	3/25/2013	104.17	23.56	--	80.61	Insufficient water to sample															
MW-13	6/13/2013	104.17	17.00	--	87.17	57	**3,600**	**590**	5	<0.5	<0.5	0.5	--	--	--	--	--	<50	--	--	--
MW-13	9/23/2013	104.17	15.16	--	89.01	<50	420	<69	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-13	12/12/2013	104.17	18.85	--	85.32	78	**1,400**	250	4	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-13	4/9/2014	104.17	23.49	--	80.68	Insufficient water to sample															
MW-13	6/25/2014	104.17	23.58	--	80.59	Insufficient water to sample															
MW-13	9/24/2014	104.17	Well was dry																		
MW-13	12/28/2015	104.17	Unable to locate																		
MW-14	7/17/2007	105.32	16.43	--	88.89	<50	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-14	10/15/2007	105.32	16.64	--	88.68	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-14	1/16/2008	105.32	Unable to locate																		
MW-14	4/17/2008	105.32	20.96	--	84.36	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-14	10/15/2008	105.32	16.65	--	88.67	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--
MW-14	4/8/2009	105.32	23.92	--	81.40	Insufficient water to sample															
MW-14	6/24/2009	105.32	17.64	--	87.68	Gauge only this quarter.															
MW-14	9/21/2009	105.32	16.52	--	88.80	Gauge only this quarter.															
MW-14	11/30/2009	105.32	19.58	--	85.74	Gauge only this quarter.															
MW-14	3/2/2010	105.32	22.70	--	82.62	17.7 J	59 J	<58.7	<0.12	<0.21	<0.20	2.3 J	--	--	--	--	--	--	--	--	--
MW-14	6/14/2010	105.32	18.30	--	87.02	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-14	8/30/2010	105.32	15.88	--	89.44	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-14	12/14/2010	105.32	19.60	--	85.72	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-14	3/21/2011	105.32	23.27	--	82.05	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-14	5/19/2011	105.32	18.99	--	86.33	<50.0	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-14	9/8/2011	105.32	16.22	--	89.10	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-14	12/28/11[b]	105.32	21.13	--	84.19	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--
MW-14	3/8/2012	105.32	23.98	--	81.34	Insufficient water to sample															
MW-14	6/27/2012	105.32	16.94	--	88.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	07/12/12[c]	105.32	16.42	--	88.90	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-14	9/4/2012	105.32	15.34	--	89.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/27/2012	105.32	18.95	--	86.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/25/2013	105.32	23.91	--	81.41	Insufficient water to sample															
MW-14	6/13/2013	105.32	19.60	--	85.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/23/2013	105.32	17.00	--	88.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/12/2013	105.32	20.43	--	84.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	4/9/2014	105.32	23.87	--	81.45	Insufficient water to sample															
MW-14	6/25/2014	105.32	Well was dry																		
MW-14	9/24/2014	105.32	Well was dry																		
MW-14	12/28/2015	105.32	Well was dry																		
MW-15	6/8/2018	1093.39	19.33	--	1074.06	**6,800**	**1,500**	<400	**575**	**1,210**	226	214	<1.0	<1.0	<1.0	<10	--	--	<4.0	--	--
MW-15	9/19/2018	1093.39	14.91	--	1078.48	**3,920**	**1,200**	<390	**378**	142	386	198	--	--	--	--	--	--	--	--	--
MW-15	12/13/2018	1093.39	18.49	--	1074.9	**6,100**	**1,600**	<400	**1,150**	268	515	543	--	--	--	--	--	--	--	--	--
MW-15	3/18/2019	1093.39	25.18	--	1068.21	**2,710**	**4,400**	<400	**243**	12.9	175	81.8	--	--	--	--	--	--	--	--	--
MW-15	6/17/2019	1093.39	17.48	--	1075.91	**5,080**	**3,120**	<417	**968**	26.3	262	222	--	--	--	--	--	--	--	--	--
MW-15	9/16/2019	1093.39	14.85	--	1078.54	**3,080**	**1,590**	<417	**639**	10.0	147	115	--	<5.0	--	<5.0	--	--	--	--	--
MW-15	12/26/2019	1093.39	20.79	0.60	1073.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/9/2020	1093.39	25.75	0.53	1068.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/17/2020	1093.39	18.49	--	1074.90	**3,700**	**6,500**	<110	**960**	32	260	110	--	<2.0	--	<4.0	--	--	--	--	--
MW-15 Dup	6/17/2020	1093.39	18.49	--	1074.90	**3,600**	**7,300**	<110	**1,000**	33	260	110	--	<2.0	--	<4.0	--	--	--	--	--
MW-15	9/10/2020	1093.39	15.03	--	1078.36	**2,500**	**1,800**	<95	**290**	<5.0	23	<15	--	<2.5	--	<5.0	--	--	--	--	--
MW-15	11/10/2020	1093.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<100	1,100
MW-15	12/1/2020	1093.39	17.92	--	1075.47	260	**11,000**	110	**51**	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	<100	39,000
MW-15	1/14/2021	1093.39	20.27	0.01	1073.13	<100	**8,900**	**99**	**130**	<20	<20	<40	--	--	--	--	--	--	--	<100	2,200
MW-15	3/4/2021	1093.39	22.54	0.03	1070.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/28/2021	1093.39	17.23	--	1076.16	**2,300**	**14,000**	**120**	**1,100**	<10	66	27	--	--	--	--	--	--	--	--	--
MW-15	9/15/2021	1093.39	14.50	--	1078.89	**2,300**	**1,500**	<93	**1,300**	<10	53	24	--	--	--	--	--	--	--	--	--
MW-15 Dup	9/15/2021	1093.39	14.50	--	1078.89	**2,200**	**1,600**	<100	**1,200**	<10	47	22	--	--	--	--	--	--	--	--	--
MW-16	6/8/2018	1093.85	20.62	--	1073.23	<100	<390	<390	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-16	9/19/2018	1093.85	14.99	--	1078.86	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-16	11/13/2018	1093.85	20.30	--	1073.55	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-16	12/13/2018	1093.85	20.30	--	1073.55	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-16	3/18/2019	1093.85	24.89	--	1068.96	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-16	6/17/2019	1093.85	19.06	--	1074.79	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-16	6/17/2019	1093.85	19.06	--	1074.79	<100	<417	<417	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-16	9/16/2019	1093.85	16.90	--	1076.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/26/2019	1093.85	21.82	--	1072.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/9/2020	1093.85	26.04	--	1067.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/17/2020	1093.85	19.76	--	1074.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/10/2020	1093.85	17.22	--	1076.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/1/2020	1093.85	19.63	--	1074.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/14/2021	1093.85	21.84	--	1072.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/4/2021	1093.85	23.93	--	1069.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/28/2021	1093.85	18.82	--	1075.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/15/2021	1093.85	16.61	--	1077.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/8/2018	1093.91	20.50	--	1073.41	**858**	<400	<400	**141**	36	2.4	173	--	--	--	--	--	--	--	--	--
MW-17	9/19/2018	1093.91	14.90	--	1079.01	338	<390	<390	**44.4**	8.1	45.4	35.6	--	--	--	--	--	--	--	--	--
MW-17	12/13/2018	1093.91	19.61	--	1074.30	<100	<390	<390	1.9	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-17	3/18/2019	1093.91	24.39	--	1069.52	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-17	6/17/2019	1093.91	18.78	--	1075.13	443	**902**	<385	**95.9**	1.3	11.0	88.1	--	--	--	--	--	--	--	--	--
MW-17	9/16/2019	1093.91	16.45	--	1077.46	<100	<392	<392	**13.1**	<1.0	5.5	3.0	--	<1.0	--	<1.0	--	--	--	--	--
MW-17	12/26/2019	1093.91	21.22	--	1072.69	<100	<93	--	<1.0	<1.0	<1.0	<3.0	--	<0.50	--	<1.0	--	--	--	--	--
MW-17 Dup	12/26/2019	1093.91	21.22	--	1072.69	<100	<93	--	<1.0	<1.0	<1.0	<3.0	--	<0.50	--	<1.0	--	--	--	--	--
MW-17	3/9/2020	1093.91	25.20	--	1068.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)
MW-17	6/17/2020	1093.91	19.42	--	1074.49	<100	<110	<110	1.3	<1.0	<1.0	<3.0	--	<0.50	--	<1.0	--	--	--	--	--
MW-17	9/10/2020	1093.91	17.00	--	1076.91	<100	250	<98	<0.50	<1.0	<1.0	<3.0	--	<0.50	--	<1.0	--	--	--	--	--
MW-17	12/1/2020	1093.91	19.45	--	1074.46	<100	<92	<92	<0.50	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--
MW-17	1/14/2021	1093.91	23.09	--	1070.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	3/4/2021	1093.91	23.14	--	1070.77	<100	<100	<100	<0.50	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--
MW-17	6/28/2021	1093.91	18.57	--	1075.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/15/2021	1093.91	16.19	--	1077.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/8/2018	1093.93	20.35	--	1073.58	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<10	--	--	<4.0	--	--
MW-18	9/19/2018	1093.93	14.52	--	1079.41	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-18	12/13/2018	1093.93	19.20	--	1074.73	<100	<400	<400	<1.0	<1.0	<1.0	<3.1	--	--	--	--	--	--	--	--	--
MW-18	3/18/2019	1093.93	24.19	--	1069.74	<100	<410	<410	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-18	6/17/2019	1093.93	18.14	--	1075.79	<100	<385	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-18	9/16/2019	1093.93	15.36	--	1078.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/26/2019	1093.93	20.44	--	1073.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/9/2020	1093.93	25.54	--	1068.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/17/2020	1093.93	18.78	--	1075.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/10/2020	1093.93	15.37	--	1078.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/1/2020	1093.93	18.37	--	1075.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/14/2021	1093.93	20.27	--	1073.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/4/2021	1093.93	22.32	--	1071.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/28/2021	1093.93	17.49	--	1076.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/15/2021	1093.93	14.89	--	1079.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/8/2018	1093.74	20.70	--	1073.04	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-19	9/19/2018	1093.74	13.37	--	1080.37	<100	**500**	<410	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-19	12/13/2018	1093.74	20.02	--	1073.72	<100	**570**	<390	<1.0	<1.0	<1.0	<3.1	--	--	--	--	--	--	--	--	--
MW-19	3/18/2019	1093.74	24.96	--	1068.78	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-19	3/18/2019	1093.74	24.96	--	1068.78	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-19	6/17/2019	1093.74	--	--	--	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--
MW-19	9/16/2019	1093.74	17.18	--	1076.56	<100	**818**	<392	2.7	<1.0	<1.0	<3.0	--	<1.0	--	<1.0	--	--	--	--	--
MW-19 Dup	9/16/2019	1093.74	17.18	--	1076.56	<100	**984**	<400	2.7	<1.0	<1.0	<3.0	--	<1.0	--	<1.0	--	--	--	--	--
MW-19	12/26/2019	1093.74	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/9/2020	1093.74	Obstructed	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/17/2020	1093.74	19.74	--	1074.00	<100	120	<120	<0.50	<1.0	<1.0	<3.0	--	<0.50	--	<1.0	--	--	--	--	--
MW-19	9/10/2020	1093.74	17.13	--	1076.61	<100	400	<98	1.5	<1.0	<1.0	<3.0	--	<0.50	--	<1.0	--	--	--	--	--
MW-19 Dup	9/10/2020	1093.74	17.13	--	1076.61	<100	460	<99	1.5	<1.0	<1.0	<3.0	--	<0.50	--	<1.0	--	--	--	--	--
MW-19	11/10/2020	1093.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,600	14,000
MW-19	12/1/2020	1093.74	19.96	--	1073.78	<100	150	<93	0.68	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	1900	20,000
MW-19 Dup	12/1/2020	1093.74	19.96	--	1073.78	<100	150	<98	0.73	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--
MW-19	1/14/2021	1093.74	21.83	--	1071.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,700	16,000
MW-19	3/4/2021	1093.74	23.83	--	1069.91	<100	280	<93	<0.50	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--
MW-19 Dup	3/4/2021	1093.74	23.83	--	1069.91	<100	260	<95	<0.50	<1.0	<1.0	<2.0	--	--	--	--	--	--	--	--	--
MW-19	6/28/2021	1093.74	18.63	--	1075.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/15/2021	1093.74	16.48	--	1077.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:

Bold values equal or exceed Department of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Level, per Cleanup Level and Risk Calculation (CLARC) data tables published in August 2015.

Groundwater monitoring data, top of casing elevations, and laboratory analytical results prior to September 8, 2011 provided by STANTEC Consulting Corporation.

ft = feet

MTCA = Model Toxics Control Act

LPH = Liquid Phase Hydrocarbons

NM = Not Measured

USEPA = United States Environmental Protection Agency

µg/L = Micrograms per liter

-- = Not Analyzed or Sampled

<x = Reported concentration below laboratory method detection limit.

Table 1

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351384
920 North 6th Avenue
Yakima, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	LPH (feet)	GW Elevation (feet)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDC (ug/L)	EDB (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)	Naphthalene (ug/L)	Nitrate (ug/L)	Sulfate (ug/L)

Top of Casing (TOC) elevation data prior to 2018 is referenced to an arbitrary datum. TOC elevations reported in 2018 were surveyed in reference to North American Vertical Datum of 88 (NAV88).
TPH as Gasoline-range organics (TPHg) analyzed by Northwest Method NWTPH-Gx.
TPH as Diesel-range organics (TPHd) analyzed by Northwest Method NWTPH-Dx.
TPH as Heavy Oil-range organics (TPHo) analyzed by Northwest Method NWTPH-Dx.
Benzene, toluene, ethylbenzene, total xylenes (BTEX) analyzed by USEPA Method 8260B or 8021B
Methyl tert-butyl ether (MTBE) analyzed by EPA Method 8260B.
1,2 Dichloroethane (EDC) analyzed by EPA Method 8260B
1,2 Dibromoethane (EDB) analyzed by EPA Method 8260B
Lead analyzed by EPA Method 7421/6020 (Total Lead).
Nitrate and Sulfate analyzed by EPA Method 300.
a = Sample was evaluated to the MDL
b = Analyte present in the associated method blank above the detection limit
c = Analyte was detected in the associated method blank as well as in the sample
d = Result confirmed by second analysis

Appendices

Appendix A

Field Documentation

WELL GAUGING DATA

Project # 210114-FK2 Date 1/14/21 Client GHD

Site 920 N 6th Ave Yakima WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-7	1050	2					19.49	23.72		
MW-8	1057	2		20.26	0.01		20.69	27.60		
MW-15	1107	2	ODOR	~~20.26~~	~~0.01~~	—	20.27	—		
MW-16	1012	2					21.84	32.88		
MW-17	1045	2					23.09	28.83		
MW-18	1040	2					20.27	32.40		
MW-19	1025	2					21.83	34.87	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210114-FK2	Client: GHD
Sampler: AW	Gauging Date: 1/14/21
Well I.D.: MW-15	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): —	Depth to Water (ft.): 20.27
Depth to Free Product: 20.26	Thickness of Free Product (feet): 0.01
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: — Flow Rate: — Pump Depth: —

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
—	—	0.01	ft of	Product	found			—
		No	purge	Sample	Taken			
			Per	Client	Request			
1208	14.1	6.53	647	>1000	0.49	22.1	—	—

Did well dewater? Yes (No) Amount actually evacuated: —

Sampling Time: 1208 Sampling Date: 1/14/21

Sample I.D.: MW-15 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D (Other): See COC

Equipment Blank I.D.: — @ Time — Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210114 - FK2	Client: GHD
Sampler: AJ	Gauging Date: 1/14/21
Well I.D.: MW-19	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 34.87	Depth to Water (ft.): 21.87
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI PD Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: ~~Dedicated Tubing~~ New Tubing Other ___

Start Purge Time: 1119 Flow Rate: 200 mL/min Pump Depth: 28

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1122	13.8	6.59	286.2	30	1.38	132.0	600	21.83
1125	14.3	6.57	290.0	28	1.38	131.2	1200	21.83
1128	13.8	6.61	289.0	23	1.29	134.0	1800	21.83
1131	13.8	6.51	290.0	22	1.25	138.0	2400	21.83
1134	13.8	6.51	290.0	22	1.23	139.0	3000	21.83

Did well dewater? Yes (No) Amount actually evacuated: 3000 mL

Sampling Time: 1137 Sampling Date: 1/14/21

Sample I.D.: MW-19 Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D (Other): See CoC

Equipment Blank I.D.: — @ Time Duplicate I.D.: —

WELLHEAD INSPECTION FORM

Client: GHD Site: 920 N 6th Ave Yakima WA Date: 1/14/21

Job #: 210119-FK2 Technician: Foster K / Andrew W Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check indicates deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty)	Tabs stripped (list qty)	Tabs broken (list qty)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-7	X			X											
MW-8	X			X	2										
MW-15	X			X	1										
MW-16	X			X	2										
MW-17	X			X											
MW-18	X			X											
MW-19	X			X											

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 920 N 6th Ave Yakima WA				PROJECT NUMBER 210114-FK2			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI Pro Plus	BTS #5	1/14/21 0625	pH 4 7 10	4.02 7.01 10.03	✓	12.10°C 12.13°C 12.08°C	FK
			cond 3900 uS/cm DO 100%	3912 uS/cm 98.7%	✓	12.60°C 11.42°C	FK
			ORP 250.5 mV	252.6 mV	✓	12.41°C	FK

PHILLIPS 66-WASHINGTON/OREGON TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING** FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT PHILLIPS 66 FACILITIES IN THE STATE OF WASHINGTON AND OREGON. THE PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN KENT, WASHINGTON FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE TECH), 22727 72ND Ave South, Suite D – 102, Kent, WA 98032. BLAINE TECH. is authorized by PHILLIPS 66 to recover, collect, apportion into loads, and haul the purgewater that is drawn from wells at the PHILLIPS 66 facility indicated below and to deliver that purgewater to BLAINE TECH for temporarily holding. Transport routing of the purgewater may be direct from one PHILLIPS 66 facility to BLAINE TECH; from one PHILLIPS 66 facility to BLAINE TECH via another PHILLIPS 66 facility; or any combination thereof. The well purgewater is and remains the property of PHILLIPS 66.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the PHILLIPS 66 facility described below:

PHILLIPS 66 # 920 N. 6th Ave Yakima Wa

Street number | street name | city | state

PHILLIPS 66 Project Manager

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-19	1		
~~M~~ AU 1/12/21			

added equip. rinse water /

any other adjustments /

TOTAL GALS. RECOVERED 1

loaded onto BTS vehicle #

BTS event # 210114-FK2 time 1645 date 1/14/21

signature

WELL GAUGING DATA

Project # 210304-AW1 Date 3/9/21 Client GHD

Site 920 N. 6th Ave, Yakima, Washington

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-7	1027	2					21.70	23.75		
MW-8	1035	2					23.61	21.61		
MW-15	1041	2	odor	22.51	.03	—	22.54	—		
MW-16	1009	2					23.93	33.20		
MW-17	1022	2					23.14	29.00		
MW-18	1018	2					23.32	32.37		
MW-19	1004	2					23.83	34.90	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210304-AW1	Client: GHD
Sampler: AM	Gauging Date: 3/4/21
Well I.D.: MW-15	Well Diameter (in.): Ø 3 4 6 8 ____
Total Well Depth (ft.): —	Depth to Water (ft.): 22.54
Depth to Free Product: 22.51	Thickness of Free Product (feet): .03
Referenced to: PVC Grade	Flow Cell Type: ____

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Start Purge Time: ____ Flow Rate: ____ Pump Depth: ____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
	—	0.03' OF		SPH	DETECED W/			
			INTERFACE	PROBE.	VISUALLY VERIFIED			
		VIA	DISPOSABLE		BAILER.			
		ABS	SOCK	INSTALLED IN	WELL		—	
	—	—	No	SAMPLE	TAKEN		—	

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory:
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210309-AV1	Client: GHD
Sampler: AV	Gauging Date: 3/4/21
Well I.D.: MW-17	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 29.00	Depth to Water (ft.): 23.14
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Start Purge Time: 1335 Flow Rate: 200 mL/min Pump Depth: 26.00

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1338	14.6	5.79	301	16	2.81	190.8	600	23.29
1341	14.6	5.80	214	15	2.81	189.6	1200	23.29
1344	14.5	5.87	214	14	2.64	189.8	1800	23.29
1347	14.6	5.86	215	14	2.62	189.5	2400	23.29
1350	14.5	5.80	215	14	2.65	189.6	3000	23.29

Did well dewater? Yes (No)	Amount actually evacuated: 3000 mL
Sampling Time: 1353	Sampling Date: 3/4/21
Sample I.D.: MW-17	Laboratory: Cal Science
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: Sat Col
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210304 - AV1	Client: GHD
Sampler: AV	Gauging Date: 3/4/21
Well I.D.: MW-19	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 34.90	Depth to Water (ft.): 23.83
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Start Purge Time: 1109 Flow Rate: 200 mL/min Pump Depth: 28

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1112	14.4	6.01	241	28	0.56	186.0	600	23.83
1115	15.0	5.93	306	22	0.35	179.9	1200	23.83
1118	15.0	5.89	308	20	0.24	175.1	1800	23.83
1121	15.3	5.90	308	20	0.23	172.1	2400	23.83
1124	15.1	5.87	311	20	0.18	168.6	3000	23.83

Did well dewater? Yes (No) Amount actually evacuated: 3000 mL

Sampling Time: 1127 Sampling Date: 3/4/21

Sample I.D.: MW-19 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D (Other: See CoC)

Equipment Blank I.D.: @ Time Duplicate I.D.:

eurofins | Calscience

CHAIN OF CUSTODY RECORD

DATE: 3/4/21

PAGE: 1 OF 1

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: GHD

ADDRESS: 920 N. 6th Ave

CITY: Yakima STATE: WA ZIP:

TEL: (253) 302-8291 E-MAIL:

CLIENT PROJECT NAME / NUMBER: 11145729

PROJECT CONTACT: Matt Davis

P.O. NO.:

SAMPLER(S): (PRINT) Andrew Kaiser

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH-g	BTEX / ~~MTBE~~ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035): ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: ☐ 8270 ☐ 8270 SIM	T22 Metals: ☐ 6010/747X ☐ 6020/747X	Cr(VI): ☐ 7196 ☐ 7199 ☐ 218.6				
	MW-17	3/4/21	1353	W	8	2	6		X	X		X	X													
	MW-19	3/4/21	1127	W	8	2	6		X	X		X	X													
	Dup-1	3/4/21	1200	W	8	2	6		X	X		X	X													
	TB-01	3/4/21	0930	W	3		3		X				X													

Relinquished by: (Signature)	Received by: (Signature/Affiliation) Shipped Via Fedex	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

WELLHEAD INSPECTION FORM

Client: GHD Site: 920 N. 6th Ave, Yakima Date: 3/4/21

Job #: 210304-AWJ Technician: Andrew Waser Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check indicates deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty)	Tabs stripped (list qty)	Tabs broken (list qty)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-7	X														
MW-8	X														
MW-15				X											
MW-16				X											
MW-17				X											
MW-18				X											
MW-19				X											

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME ~~210304-AW~~ AW 920 N. 6th. Ave Yakima, WA				PROJECT NUMBER 210304-AW			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI DO Plus	18J103058	~~3~~/4/21	DO 100% pH 4.00 7.00 10.00	99.1% 3.33 7.26 10.15	✓	40°F/5°C	AW
			ORP 257 Conductivity 3K0	263 3850	✓	40°F/5°C	AW

PHILLIPS 66-WASHINGTON/OREGON TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING** FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT PHILLIPS 66 FACILITIES IN THE STATE OF WASHINGTON AND OREGON. THE PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN KENT, WASHINGTON FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE TECH), 22727 72ND Ave South, Suite D – 102, Kent, WA 98032. BLAINE TECH. is authorized by PHILLIPS 66 to recover, collect, apportion into loads, and haul the purgewater that is drawn from wells at the PHILLIPS 66 facility indicated below and to deliver that purgewater to BLAINE TECH for temporarily holding. Transport routing of the purgewater may be direct from one PHILLIPS 66 facility to BLAINE TECH; from one PHILLIPS 66 facility to BLAINE TECH via another PHILLIPS 66 facility; or any combination thereof. The well purgewater is and remains the property of PHILLIPS 66.

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the PHILLIPS 66 facility described below:

11145929	Matt Davis
PHILLIPS 66 #	PHILLIPS 66 Project Manager

920	N. 6th Ave	Yakima	WA
Street number	street name	city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-17	1		
MW-19	1		

added equip. rinse water 1.5

any other adjustments

TOTAL GALS. RECOVERED 2.5

loaded onto BTS vehicle # 88

BTS event #	time	date
210309-AV1	1400	3/9/21

signature

WELL GAUGING DATA

Project # 710628-L82 Date 6/28/21 Client GHD

Site P66 Yakima - 920 N. 6TH Ave

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-7	1023	2	—	—	—	—	16.50	23.68		
MW-8	1011	2	—	—	—	—	18.54	27.58		
MW-15	1050	2	ODOR	—	—	—	17.23	33.04		
MW-16	1039	2	—	—	—	—	18.82	33.22		
MW-17	1018	2	—	—	—	—	18.57	28.43		
MW-18	1014	2	—	—	—	—	17.49	32.42		
MW-19	1033	2	—	—	—	—	18.63	34.82	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 210628-LB2	Client: GHD
Sampler: LB	Gauging Date: 6/28/21
Well I.D.: MW-15	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 33.04	Depth to Water (ft.): 17.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI PRO PLUS

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other____

Start Purge Time: 1051 Flow Rate: 200 mL/min Pump Depth: 26'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1054	18.7	6.30	708	>1000	0.60	22.9	600	17.39
1057	18.6	6.15	697	23	0.83	7.0	1200	17.39
1100	18.6	6.10	695	13	0.76	2.1	1800	17.39
1103	18.5	6.09	698	12	0.74	-10.8	2400	17.39
1106	18.5	6.08	698	11	0.73	-11.2	3000	17.39
1109	18.4	6.10	697	11	0.72	-12.9	3600	17.39

Did well dewater? Yes (No) Amount actually evacuated: 3.6L

Sampling Time: 1110 Sampling Date: 6/28/21

Sample I.D.: MW-15 Laboratory: CAL SCIENCE

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: SEE COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A
Required Client Information:

Company:	GHD
Address:	
Email To:	matthew.davis@ghd.com
Phone:	253-573-1218 Fax:
Requested Due Date/TAT:	*Standard*

Section B
Required Project Information:

Report To:	matthew.davis@ghd.com
Copy To:	arthur.Clauss@ghd.com
Copy To:	jeffrey.cloud@ghd.com
Purchase Order No.	
Client Project ID:	11220390 - P66 Yakima
Container Order Number:	

Section C
Invoice Information:

Attention:	Accounts Payable
Company Name:	GHD
Address:	20818 44th Ave W, Suite 190, 98036
Quote Reference:	
CalScience Project Manage	
CalScience Profile	

Regulatory Agency

State / Location
WA / Ilwaco

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

Requested Analysis Filtered (Y/N)

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	BTEX	PAHs	GRO	DRO/ORO	Total Lead	Ignitability	Paint Filter	pH	Residual Chlorine (Y/N)
1	MW-15	OT		6/28/21	1110				1	1									X	X	X	X	X	X	X	Y	
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		6/30/21		SHIPPED VIA FEDEX			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: LEE BURES

SIGNATURE of SAMPLER:

DATE Signed: 6/28/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

WELLHEAD INSPECTION FORM

Client: GHD Site: PGG YAKIMA - 920 N. 6TH AVE Date: 6/28/21

Job #: 210628-LB2 Technician: L. BURES Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check indicates deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty)	Tabs stripped (list qty)	Tabs broken (list qty)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-7	X														
MW-8	X														
MW-15	X			X											
MW-16	X			X											
MW-17	X			X											
MW-18	X			X											
MW-19	X			X											

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	PGG YAKIMA			PROJECT NUMBER	210628-LB2		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI PRO ~~1650~~ PLUS	09J101536	6/28/21 0000	PH 4.0 7.0 10.0	3.96 ✓ 6.98 ✓ 10.04 ✓	—	21.3	LB
			COND 3900	3908 ✓	—	21.4	LB
			ORP 237.5	228.4 ✓	—	21.0	LB
			DO 100%	100.8% ✓	—	—	LB

PHILLIPS 66-WASHINGTON/OREGON TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING** FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT PHILLIPS 66 FACILITIES IN THE STATE OF WASHINGTON AND OREGON. THE PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN KENT, WASHINGTON FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

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This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the PHILLIPS 66 facility described below:

PHILLIPS 66 # _____ PHILLIPS 66 Project Manager _____

920	N 6TH	AVE	YAKIMA	WA
Street number	street name		city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-15	1.0		

added equip. rinse water 1.0

any other adjustments _____

TOTAL GALS. RECOVERED 2.0

loaded onto BTS vehicle # 113

BTS event # 210628-482 time 1130 date 6/28/21

signature _____

WELL GAUGING DATA

Project # 210915-FK1 Date 9/15/21 Client GHD

Site 920 N 6th Ave Yakima WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-7	0853	2					14.63	23.77		
MW-8	0840	2					16.39	27.48		
MW-15	0908	2					14.50	33.09		
MW-16	0901	2					16.61	33.12		
MW-17	0849	2					16.19	28.78		
MW-18	0845	2					14.89	32.33		
MW-19	0857	2					16.48	31.89	↓	

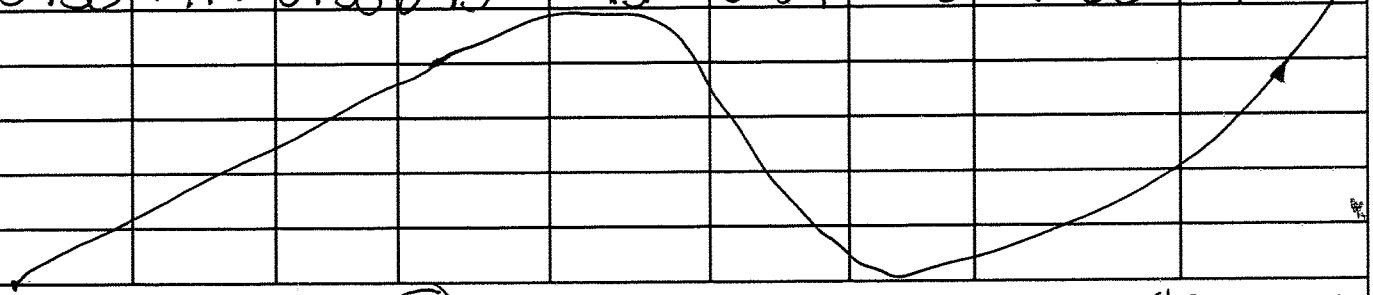
LOW FLOW WELL MONITORING DATA SHEET

Project #: 210915-FK1	Client: GHD
Sampler: FK	Gauging Date: 9/15/21
Well I.D.: MW-15	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 33.09	Depth to Water (ft.): 14.50
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Start Purge Time: 0929 Flow Rate: 200 mL/min Pump Depth: 23

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0932	17.99	6.51	564	87	2.03	112.7	600	14.53
0935	17.90	6.29	574	74	1.54	112.1	1200	14.55
0938	17.75	6.24	509	67	1.27	97.1	1800	14.57
0941	17.58	6.28	643	45	1.08	74.2	2400	14.57
0944	17.49	6.31	642	41	0.96	69.0	3000	14.57
0947	17.44	6.34	640	44	0.90	67.7	3600	14.57
0950	17.41	6.36	643	45	0.84	67.2	4200	14.57



Did well dewater? Yes (No) Amount actually evacuated: 4200 mL

Sampling Time: 0953 Sampling Date: 9/15/21

Sample I.D.: MW-15 Laboratory: Calscience

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Other): TPH-O

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-1

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD	Report To:	matthew.davis@ghd.com	Attention:	Accounts Payable
Address:		Copy To:	arthur.Clauss@ghd.com	Company Name:	GHD
		Copy To:	jeffrey.cloud@ghd.com	Address:	20818 44th Ave W, Suite 190, 98036
Email To:	matthew.davis@ghd.com	Purchase Order No.		Quote Reference:	
Phone:	253-573-1218 Fax:	Client Project ID:	11220390 - P66 Yakima	CalScience Project Manage	
Requested Due Date/TAT:	*Standard*	Container Order Number:		CalScience Profile	

Regulatory Agency	
State / Location	WA / Ilwaco

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N)	Analyses Test	NWTPH-Gx	NWTPH-Dx	BTEX	MTBE, EDB, EDC, Naphthalene	Total Lead	TPH-O	Residual Chlorine (Y/N)
1	MW-15	WT	G	9/15/21	0953				8				8							X	X	X			X	
2	DUP-1			9/15/21	1200				8				8							X	X	X			X	
3	TB01			9/15/21	0800				3				3							X		X				
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	BTS	9					

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tasha Koetzel

SIGNATURE of SAMPLER:

DATE Signed: 9/15/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

WELLHEAD INSPECTION FORM

Client: GHD Site: 920 N 6th Ave Yakima WA Date: 9/15/21

Job #: 210915-FK1 Technician: Foster K Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check indicates deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty)	Tabs stripped (list qty)	Tabs broken (list qty)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-7				X											
MW-8				X	2½										
MW-15				X											
MW-16				X	½										
MW-17				X											
MW-18				X											
MW-19				X											

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	920 N 6th Ave Yakima WA	PROJECT NUMBER	21015-FK1

EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556	BTS #6	9/15/21 0550	pH 4 7 10	4.03 7.04 10.03	√	16.30°C 16.08 16.21°C	FK
			cond 3900 us/cm DO 100%	3888 us/cm 97.9%	√	16.39°C 15.94°C	FK
			ORP 237.5 mV	240.0mV	√	16.45°C	FK

PHILLIPS 66-WASHINGTON/OREGON TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING** FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT PHILLIPS 66 FACILITIES IN THE STATE OF WASHINGTON AND OREGON. THE PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN KENT, WASHINGTON FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

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This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the PHILLIPS 66 facility described below:

11145929	Matt Davis
PHILLIPS 66 #	PHILLIPS 66 Project Manager

920	N	6th	Ave	Yakima	WA
Street number		street name		city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-15	1		

added equip. rinse water / 1

any other adjustments /

TOTAL GALS. RECOVERED 2

loaded onto BTS vehicle # 90

BTS event # 210915-FK1 time 1700 date 9/15/21

signature

Appendix B

Laboratory Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-48587-1
Client Project/Site: P66 Yakima / 11145929
Revision: 1

For:
GHD Services Inc.
3600 Port of Tacoma Road
Tacoma, Washington 98424

Attn: Matt Davis

Vik Patel

Authorized for release by:
1/21/2021 6:02:29 PM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Case Narrative

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Job ID: 570-48587-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-48587-1

Comments
No additional comments.

Revision
The report being provided is a revision of the original report sent on 1/18/2021. The report (revision 1) is being revised due to: Revised report was created to include the results for MW-19 and TB01 in the final report..

Receipt
The samples were received on 1/15/2021 10:15 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5º C.

GC/MS VOA
Method 8260B: The following sample was diluted due to the nature of the sample matrix: MW-15 (570-48587-2). Elevated reporting limits (RLs) are provided. Due to the non-homogenous nature of the sample matrix, the sample has been diluted and the subsequent data reported.

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

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

GC VOA
Method NWTPH-Gx: Surrogate recovery for the following sample was outside control limits: MW-15 (570-48587-2). Re-analysis was performed and surrogate recovery was outside control limits.

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

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-122956. LCS/LCSD was performed to meet QC requirement.

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

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

Detection Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Client Sample ID: MW-19 — Lab Sample ID: 570-48587-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1700		100		ug/L	1		300.0	Total/NA
Sulfate	16000		1000		ug/L	1		300.0	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 570-48587-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	130		10		ug/L	20		8260B	Total/NA
TPH as Motor Oil Range	99		95		ug/L	1		NWTPH-Dx	Total/NA
TPH as Diesel Range - DL	8900		950		ug/L	10		NWTPH-Dx	Total/NA
Sulfate	2200		1000		ug/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-15
Date Collected: 01/14/21 12:08
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**130**		10		ug/L			01/18/21 17:05	20
Ethylbenzene	ND		20		ug/L			01/18/21 17:05	20
o-Xylene	ND		20		ug/L			01/18/21 17:05	20
m,p-Xylene	ND		40		ug/L			01/18/21 17:05	20
Toluene	ND		20		ug/L			01/18/21 17:05	20
Xylenes, Total	ND		40		ug/L			01/18/21 17:05	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 129*		*01/18/21 17:05*	*20*
4-Bromofluorobenzene (Surr)	*81*		*77 - 120*		*01/18/21 17:05*	*20*
Dibromofluoromethane (Surr)	*102*		*80 - 128*		*01/18/21 17:05*	*20*
Toluene-d8 (Surr)	*97*		*80 - 120*		*01/18/21 17:05*	*20*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

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

Client Sample ID: MW-15
Date Collected: 01/14/21 12:08
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			01/19/21 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*41*	*S1-*	*50 - 150*		*01/19/21 16:33*	*1*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

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

Client Sample ID: MW-15
Date Collected: 01/14/21 12:08
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Motor Oil Range	99		95		ug/L		01/18/21 14:07	01/19/21 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*50 - 150*	*01/18/21 14:07*	*01/19/21 20:43*	*1*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

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

Client Sample ID: MW-15
Date Collected: 01/14/21 12:08
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**8900**		950		ug/L		01/18/21 14:07	01/20/21 18:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*50 - 150*	*01/18/21 14:07*	*01/20/21 18:13*	*10*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: MW-19
Date Collected: 01/14/21 11:37
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1700**		100		ug/L			01/15/21 15:59	1
Sulfate	**16000**		1000		ug/L			01/15/21 15:59	1

Client Sample ID: MW-15
Date Collected: 01/14/21 12:08
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		100		ug/L			01/15/21 16:17	1
Sulfate	**2200**		1000		ug/L			01/15/21 16:17	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-129)	(77-120)	(80-128)	(80-120)
570-48566-A-1 MS	Matrix Spike	99	100	96	98
570-48566-A-1 MSD	Matrix Spike Duplicate	101	96	98	99
570-48587-2	MW-15	96	81	102	97
LCS 570-122803/3	Lab Control Sample	93	97	94	98
LCSD 570-122803/4	Lab Control Sample Dup	97	98	97	98
MB 570-122803/7	Method Blank	92	92	100	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-48587-2 - RA	MW-15	41 S1-
570-48587-2 MS	MW-15	75
570-48587-2 MSD	MW-15	72
LCS 570-123152/3	Lab Control Sample	88
LCSD 570-123152/4	Lab Control Sample Dup	85
MB 570-123152/5	Method Blank	77

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-48587-2	MW-15	103
570-48587-2 - DL	MW-15	107
LCS 570-122956/2-A	Lab Control Sample	78
LCSD 570-122956/3-A	Lab Control Sample Dup	84
MB 570-122956/1-A	Method Blank	78

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-122803/7
Matrix: Water
Analysis Batch: 122803

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/18/21 10:35	1
Ethylbenzene	ND		1.0		ug/L			01/18/21 10:35	1
o-Xylene	ND		1.0		ug/L			01/18/21 10:35	1
m,p-Xylene	ND		2.0		ug/L			01/18/21 10:35	1
Toluene	ND		1.0		ug/L			01/18/21 10:35	1
Xylenes, Total	ND		2.0		ug/L			01/18/21 10:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 129*		*01/18/21 10:35*	*1*
4-Bromofluorobenzene (Surr)	*92*		*77 - 120*		*01/18/21 10:35*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 128*		*01/18/21 10:35*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/18/21 10:35*	*1*

Lab Sample ID: LCS 570-122803/3
Matrix: Water
Analysis Batch: 122803

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	46.76		ug/L		94	78 - 120		
Ethylbenzene			50.0	49.74		ug/L		99	80 - 120		
o-Xylene			50.0	48.81		ug/L		98	80 - 125		
m,p-Xylene			100	92.75		ug/L		93	80 - 125		
Toluene			50.0	45.68		ug/L		91	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 129*
4-Bromofluorobenzene (Surr)	*97*		*77 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 128*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-122803/4
Matrix: Water
Analysis Batch: 122803

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	47.94		ug/L		96	78 - 120	2	21
Ethylbenzene			50.0	51.24		ug/L		102	80 - 120	3	20
o-Xylene			50.0	50.47		ug/L		101	80 - 125	3	20
m,p-Xylene			100	94.92		ug/L		95	80 - 125	2	30
Toluene			50.0	48.28		ug/L		97	80 - 122	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 129*
4-Bromofluorobenzene (Surr)	*98*		*77 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 128*
Toluene-d8 (Surr)	*98*		*80 - 120*

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

Lab Sample ID: 570-48566-A-1 MS
Matrix: Water
Analysis Batch: 122803

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		50.0	51.83		ug/L		104	75 - 125
Ethylbenzene	ND		50.0	55.42		ug/L		111	75 - 125
o-Xylene	ND		50.0	54.87		ug/L		110	75 - 136
m,p-Xylene	ND		100	103.8		ug/L		104	75 - 133
Toluene	ND		50.0	52.30		ug/L		105	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 129*
4-Bromofluorobenzene (Surr)	*100*		*77 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 128*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 570-48566-A-1 MSD
Matrix: Water
Analysis Batch: 122803

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		50.0	53.09		ug/L		106	75 - 125	2	20
Ethylbenzene	ND		50.0	55.32		ug/L		111	75 - 125	0	20
o-Xylene	ND		50.0	55.33		ug/L		111	75 - 136	1	20
m,p-Xylene	ND		100	102.9		ug/L		103	75 - 133	1	20
Toluene	ND		50.0	52.54		ug/L		105	75 - 125	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 129*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 128*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 570-123152/5
Matrix: Water
Analysis Batch: 123152

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			01/19/21 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*50 - 150*		*01/19/21 12:12*	*1*

Lab Sample ID: LCS 570-123152/3
Matrix: Water
Analysis Batch: 123152

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
TPH as Gasoline (C4-C13)			1990	2083		ug/L		105	76 - 128

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

Lab Sample ID: LCS 570-123152/3
Matrix: Water
Analysis Batch: 123152

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*88*		*50 - 150*

Lab Sample ID: LCSD 570-123152/4
Matrix: Water
Analysis Batch: 123152

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2167		ug/L		109	76 - 128	4	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*85*		*50 - 150*

Lab Sample ID: 570-48587-2 MS
Matrix: Water
Analysis Batch: 123152

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
TPH as Gasoline (C4-C13)	ND		1990	1730		ug/L		87	69 - 132

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*75*		*50 - 150*

Lab Sample ID: 570-48587-2 MSD
Matrix: Water
Analysis Batch: 123152

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		1990	1733		ug/L		87	69 - 132	0	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*72*		*50 - 150*

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

Lab Sample ID: MB 570-122956/1-A
Matrix: Water
Analysis Batch: 123173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122956

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100		ug/L		01/18/21 14:07	01/19/21 19:37	1
TPH as Motor Oil Range	ND		100		ug/L		01/18/21 14:07	01/19/21 19:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*78*		*50 - 150*	*01/18/21 14:07*	*01/19/21 19:37*	*1*

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

Lab Sample ID: LCS 570-122956/2-A
Matrix: Water
Analysis Batch: 123173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122956

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			800	606.3		ug/L		76	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*78*		*50 - 150*

Lab Sample ID: LCSD 570-122956/3-A
Matrix: Water
Analysis Batch: 123173

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 122956

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			800	662.9		ug/L		83	68 - 120	9	14

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*84*		*50 - 150*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-122424/5
Matrix: Water
Analysis Batch: 122424

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		100		ug/L			01/15/21 09:04	1

Lab Sample ID: LCS 570-122424/6
Matrix: Water
Analysis Batch: 122424

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N			5000	5067		ug/L		101	90 - 110		

Lab Sample ID: LCSD 570-122424/7
Matrix: Water
Analysis Batch: 122424

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N			5000	5040		ug/L		101	90 - 110	1	15

Lab Sample ID: 570-48463-O-4 MS
Matrix: Water
Analysis Batch: 122424

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Nitrate as N	ND		5000	4856		ug/L		97	80 - 120		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 570-48463-O-4 MSD
Matrix: Water
Analysis Batch: 122424

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N	ND		5000	4977		ug/L		100	80 - 120	2	20

Lab Sample ID: MB 570-122425/5
Matrix: Water
Analysis Batch: 122425

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1000		ug/L			01/15/21 09:04	1

Lab Sample ID: LCS 570-122425/6
Matrix: Water
Analysis Batch: 122425

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			50000	49810		ug/L		100	90 - 110		

Lab Sample ID: LCSD 570-122425/7
Matrix: Water
Analysis Batch: 122425

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			50000	49760		ug/L		100	90 - 110	0	15

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 570-48463-O-4 MS
Matrix: Water
Analysis Batch: 122425

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate - DL	220000		50000	265900	4	ug/L		85	80 - 120		

Lab Sample ID: 570-48463-O-4 MSD
Matrix: Water
Analysis Batch: 122425

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate - DL	220000		50000	279300	4	ug/L		112	80 - 120	5	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

GC/MS VOA

Analysis Batch: 122803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48587-2	MW-15	Total/NA	Water	8260B	
MB 570-122803/7	Method Blank	Total/NA	Water	8260B	
LCS 570-122803/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-122803/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-48566-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
570-48566-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 123152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48587-2 - RA	MW-15	Total/NA	Water	NWTPH-Gx	
MB 570-123152/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-123152/3	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-123152/4	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-48587-2 MS	MW-15	Total/NA	Water	NWTPH-Gx	
570-48587-2 MSD	MW-15	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 122956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48587-2	MW-15	Total/NA	Water	3510C	
570-48587-2 - DL	MW-15	Total/NA	Water	3510C	
MB 570-122956/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-122956/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-122956/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 123173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48587-2	MW-15	Total/NA	Water	NWTPH-Dx	122956
MB 570-122956/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	122956
LCS 570-122956/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	122956
LCSD 570-122956/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	122956

Analysis Batch: 123440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48587-2 - DL	MW-15	Total/NA	Water	NWTPH-Dx	122956

HPLC/IC

Analysis Batch: 122424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48587-1	MW-19	Total/NA	Water	300.0	
570-48587-2	MW-15	Total/NA	Water	300.0	
MB 570-122424/5	Method Blank	Total/NA	Water	300.0	
LCS 570-122424/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-122424/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48463-O-4 MS	Matrix Spike	Total/NA	Water	300.0	
570-48463-O-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

HPLC/IC

Analysis Batch: 122425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-48587-1	MW-19	Total/NA	Water	300.0	
570-48587-2	MW-15	Total/NA	Water	300.0	
MB 570-122425/5	Method Blank	Total/NA	Water	300.0	
LCS 570-122425/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-122425/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-48463-O-4 MS - DL	Matrix Spike	Total/NA	Water	300.0	
570-48463-O-4 MSD - DL	Matrix Spike Duplicate	Total/NA	Water	300.0	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Client Sample ID: MW-19
Date Collected: 01/14/21 11:37
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			122424	01/15/21 15:59	P6WT	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		1			122425	01/15/21 15:59	P6WT	ECL 1
	Instrument ID: IC10									

Client Sample ID: MW-15
Date Collected: 01/14/21 12:08
Date Received: 01/15/21 10:15

Lab Sample ID: 570-48587-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	5 mL	5 mL	122803	01/18/21 17:05	OH1	ECL 2
	Instrument ID: GCMSZ									
Total/NA	Analysis	NWTPH-Gx	RA	1	5 mL	5 mL	123152	01/19/21 16:33	A9VE	ECL 2
	Instrument ID: GC1									
Total/NA	Prep	3510C			523.8 mL	5 mL	122956	01/18/21 14:07	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			123173	01/19/21 20:43	A1W	ECL 1
	Instrument ID: GC48									
Total/NA	Prep	3510C	DL		523.8 mL	5 mL	122956	01/18/21 14:07	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx	DL	10			123440	01/20/21 18:13	UJ3K	ECL 1
	Instrument ID: GC48									
Total/NA	Analysis	300.0		1			122424	01/15/21 16:17	P6WT	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	300.0		1			122425	01/15/21 16:17	P6WT	ECL 1
	Instrument ID: IC10									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 2
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	ECL 1
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
NWTPH = Northwest Total Petroleum Hydrocarbon
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-48587-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-48587-1	MW-19	Water	01/14/21 11:37	01/15/21 10:15	
570-48587-2	MW-15	Water	01/14/21 12:08	01/15/21 10:15	

48587
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570-48587 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 1/14/21

PAGE: 1 OF 1

AWC

11220390 P66 Yakima (AOC 980)

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: GHD

ADDRESS: 920 N 6th Ave

CITY: Yakima STATE: WA ZIP:

TEL. 253-302-8281 E-MAIL:

CLIENT PROJECT NAME / NUMBER: ~~1145929~~

P.O. NO.

PROJECT CONTACT: Matt Davis

SAMPLER(S): (PRINT) Andrew Visser

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

~~* TPH-G, TPH-D, TPH-O, and BTEX analyses on hold for MW-15~~

~~* TB01 on hold~~

Please run sample MW-15 for TPHg, TPHd, TPHo and BTEX AWC

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH -0	BTEX MTBE ☒ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Sulfate	Nitrate		
1	MW-19	1/14/21	1137	GW	1	X																	X	X		
2	MW-15	1/14/21	1208	GW	9	3	6		X	X		X	X										X	X		
3	TB01	1/14/21	1200	GW	3		3		X				X													

Relinquished by: (Signature)	1/14/21 11:45	Received by: (Signature/Affiliation) Shipped Via Fed EX	Date 1/14/21 Time 1230
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date 1/15/21 Time 10:15
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date Time

3.6 / 2-5 SC *C-S

06/02/14 Revision

48587
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570-48587 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 1/14/21

PAGE: 1 OF 1

7440 Lincoln Way Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: GHD

ADDRESS: 920 N 6th Ave

CITY: Yakima STATE: WA ZIP:

TEL. 253-302-8281 E-MAIL:

CLIENT PROJECT NAME / NUMBER: 11145929

P.O. NO.:

PROJECT CONTACT: Matt Davis

SAMPLER(S): (PRINT) Andrew Visser

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
* TPH-G, TPH-D, TPH-O, and BTEX analyses on hold for MW-15
* TB01 on hold

REQUESTED ANALYSES

Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH -O	BTEX MTBE ☒ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	Sulfate	Nitrate		
1	MW-19	1/14/21	1137	GW	1	X																	X	X		
2	MW-15	1/14/21	1208	GW	9	3	6		X	X		X	X										X	X		
3	TB01	1/14/21	1200	GW	3		3		X				X													

Relinquished by: (Signature)	1/14/21 11:45	Received by: (Signature/Affiliation) Shipped Via Fed EX	Date 1/14/21 Time 1230
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date 1/15/21 Time 10:15
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date Time

3.6 / 2-5 SCa *C-5

06/02/14 Revision

Part # 156297-4[illegible] 1/21

ORIGIN ID:YKMA (555) 555-5555
BLAINE TECH SERVICES
LEE BURES
7440 LINCOLN WAY

GARDEN GROVE, CA 92841
UNITED STATES US

SHIP DATE: 14JAN21
ACTWGT: 26.25 LB
CAD: 6995175/SSFE2121
DIMS: 10x12x6 IN

BILL THIRD PARTY

TO **EUROFINS CALSCIENCE**
EUROFINS CALSCIENCE
7440 LINCOLN WAY

GARDEN GROVE CA 92841
(714) 895-5494 REF:
INV:
PO: DEPT:

FedEx Express

E

J202020071401uv

FRI - 15 JAN 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7826 2419 8082**

AHS
92841
CA-US **SNA**

XH[illegible]APVA

5 10:30 C 8082 01.15

RT 399
ST 18

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TestAmerica

1458520

Custody Seal

DATE: 1/14/21

SIGNATURE: [signature]

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-48587-1

Login Number: 48587
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

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

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-53092-1
Client Project/Site: P66 Yakima / 11145929

For:
GHD Services Inc.
3600 Port of Tacoma Road
Tacoma, Washington 98424

Attn: Matt Davis

Authorized for release by:
3/12/2021 1:31:31 PM
Don Burley, Senior Project Manager
(714)895-5494
Donald.Burley@eurofinset.com

Designee for

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.

Glossary

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

Case Narrative

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Job ID: 570-53092-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-53092-1

Comments
No additional comments.

Receipt
The samples were received on 3/6/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.1º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-134722.

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

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

GC Semi VOA
Method NWTPH-Dx: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-134414 and analytical batch 570-135234 recovered outside control limits for the following analytes: C10-C28

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-134414. LCS/LCSD was performed to meet QC requirement.

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

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

Detection Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Client Sample ID: MW-17 — Lab Sample ID: 570-53092-1

No Detections.

Client Sample ID: MW-19 — Lab Sample ID: 570-53092-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
TPH as Diesel Range	280		93		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Dup-19 — Lab Sample ID: 570-53092-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
TPH as Diesel Range	260		95		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: TB-01 — Lab Sample ID: 570-53092-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-17
Date Collected: 03/04/21 13:53
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/09/21 23:15	1
Ethylbenzene	ND		1.0		ug/L			03/09/21 23:15	1
o-Xylene	ND		1.0		ug/L			03/09/21 23:15	1
m,p-Xylene	ND		2.0		ug/L			03/09/21 23:15	1
Toluene	ND		1.0		ug/L			03/09/21 23:15	1
Xylenes, Total	ND		2.0		ug/L			03/09/21 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 123*		*03/09/21 23:15*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/09/21 23:15*	*1*
Dibromofluoromethane (Surr)	*109*		*78 - 120*		*03/09/21 23:15*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/09/21 23:15*	*1*

Client Sample ID: MW-19
Date Collected: 03/04/21 11:27
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/09/21 23:43	1
Ethylbenzene	ND		1.0		ug/L			03/09/21 23:43	1
o-Xylene	ND		1.0		ug/L			03/09/21 23:43	1
m,p-Xylene	ND		2.0		ug/L			03/09/21 23:43	1
Toluene	ND		1.0		ug/L			03/09/21 23:43	1
Xylenes, Total	ND		2.0		ug/L			03/09/21 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 123*		*03/09/21 23:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*03/09/21 23:43*	*1*
Dibromofluoromethane (Surr)	*111*		*78 - 120*		*03/09/21 23:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/09/21 23:43*	*1*

Client Sample ID: Dup-19
Date Collected: 03/04/21 12:00
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/10/21 00:10	1
Ethylbenzene	ND		1.0		ug/L			03/10/21 00:10	1
o-Xylene	ND		1.0		ug/L			03/10/21 00:10	1
m,p-Xylene	ND		2.0		ug/L			03/10/21 00:10	1
Toluene	ND		1.0		ug/L			03/10/21 00:10	1
Xylenes, Total	ND		2.0		ug/L			03/10/21 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 123*		*03/10/21 00:10*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/10/21 00:10*	*1*
Dibromofluoromethane (Surr)	*106*		*78 - 120*		*03/10/21 00:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/10/21 00:10*	*1*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-01
Date Collected: 03/04/21 09:30
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-4
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/09/21 22:20	1
Ethylbenzene	ND		1.0		ug/L			03/09/21 22:20	1
o-Xylene	ND		1.0		ug/L			03/09/21 22:20	1
m,p-Xylene	ND		2.0		ug/L			03/09/21 22:20	1
Toluene	ND		1.0		ug/L			03/09/21 22:20	1
Xylenes, Total	ND		2.0		ug/L			03/09/21 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*		*03/09/21 22:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/09/21 22:20*	*1*
Dibromofluoromethane (Surr)	*105*		*78 - 120*		*03/09/21 22:20*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/09/21 22:20*	*1*

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

Client Sample ID: MW-17
Date Collected: 03/04/21 13:53
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			03/11/21 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*50 - 150*		*03/11/21 00:50*	*1*

Client Sample ID: MW-19
Date Collected: 03/04/21 11:27
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			03/11/21 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*50 - 150*		*03/11/21 01:13*	*1*

Client Sample ID: Dup-19
Date Collected: 03/04/21 12:00
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			03/11/21 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*50 - 150*		*03/11/21 02:23*	*1*

Client Sample ID: TB-01
Date Collected: 03/04/21 09:30
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-4
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			03/10/21 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*63*		*50 - 150*		*03/10/21 20:55*	*1*

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

Client Sample ID: MW-17
Date Collected: 03/04/21 13:53
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100		ug/L		03/08/21 17:03	03/11/21 18:56	1
TPH as Motor Oil Range	ND		100		ug/L		03/08/21 17:03	03/11/21 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*149*		*50 - 150*	*03/08/21 17:03*	*03/11/21 18:56*	*1*

Client Sample ID: MW-19
Date Collected: 03/04/21 11:27
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**280**		93		ug/L		03/08/21 17:03	03/11/21 19:17	1
TPH as Motor Oil Range	ND		93		ug/L		03/08/21 17:03	03/11/21 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*141*		*50 - 150*	*03/08/21 17:03*	*03/11/21 19:17*	*1*

Client Sample ID: Dup-19
Date Collected: 03/04/21 12:00
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**260**		95		ug/L		03/08/21 17:03	03/11/21 19:40	1
TPH as Motor Oil Range	ND		95		ug/L		03/08/21 17:03	03/11/21 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*147*		*50 - 150*	*03/08/21 17:03*	*03/11/21 19:40*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-53092-1	MW-17	108	99	109	99
570-53092-2	MW-19	108	97	111	99
570-53092-3	Dup-19	107	98	106	99
570-53092-4	TB-01	104	98	105	101
LCS 570-134722/4	Lab Control Sample	94	113	95	102
LCSD 570-134722/5	Lab Control Sample Dup	97	110	96	102
MB 570-134722/8	Method Blank	100	99	102	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-53092-1	MW-17	66
570-53092-2	MW-19	71
570-53092-3	Dup-19	71
570-53092-4	TB-01	63
570-53093-D-1 MS	Matrix Spike	98
570-53093-D-1 MSD	Matrix Spike Duplicate	98
LCS 570-135002/1008	Lab Control Sample	97
LCSD 570-135002/9	Lab Control Sample Dup	97
MB 570-135002/10	Method Blank	65

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-53092-1	MW-17	149
570-53092-2	MW-19	141
570-53092-3	Dup-19	147
LCS 570-134414/2-A	Lab Control Sample	91
LCSD 570-134414/3-A	Lab Control Sample Dup	103
MB 570-134414/1-A	Method Blank	106

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-134722/8
Matrix: Water
Analysis Batch: 134722

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/09/21 20:57	1
Ethylbenzene	ND		1.0		ug/L			03/09/21 20:57	1
o-Xylene	ND		1.0		ug/L			03/09/21 20:57	1
m,p-Xylene	ND		2.0		ug/L			03/09/21 20:57	1
Toluene	ND		1.0		ug/L			03/09/21 20:57	1
Xylenes, Total	ND		2.0		ug/L			03/09/21 20:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 123*		*03/09/21 20:57*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/09/21 20:57*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*03/09/21 20:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/09/21 20:57*	*1*

Lab Sample ID: LCS 570-134722/4
Matrix: Water
Analysis Batch: 134722

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	48.84		ug/L		98	76 - 120		
Ethylbenzene			50.0	53.01		ug/L		106	80 - 120		
o-Xylene			50.0	54.60		ug/L		109	80 - 121		
m,p-Xylene			100	108.7		ug/L		109	74 - 122		
Toluene			50.0	50.71		ug/L		101	76 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 123*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*78 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-134722/5
Matrix: Water
Analysis Batch: 134722

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	51.60		ug/L		103	76 - 120	6	20
Ethylbenzene			50.0	56.10		ug/L		112	80 - 120	6	20
o-Xylene			50.0	57.01		ug/L		114	80 - 121	4	20
m,p-Xylene			100	112.7		ug/L		113	74 - 122	4	20
Toluene			50.0	53.80		ug/L		108	76 - 120	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*78 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: MB 570-135002/10
Matrix: Water
Analysis Batch: 135002

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			03/10/21 20:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*		*50 - 150*		*03/10/21 20:19*	*1*

Lab Sample ID: LCS 570-135002/1008
Matrix: Water
Analysis Batch: 135002

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			1990	2053		ug/L		103	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*50 - 150*

Lab Sample ID: LCSD 570-135002/9
Matrix: Water
Analysis Batch: 135002

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			1990	2007		ug/L		101	76 - 128	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*50 - 150*

Lab Sample ID: 570-53093-D-1 MS
Matrix: Water
Analysis Batch: 135002

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)	ND		1990	2061		ug/L		104	69 - 132		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*50 - 150*

Lab Sample ID: 570-53093-D-1 MSD
Matrix: Water
Analysis Batch: 135002

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	ND		1990	2035		ug/L		103	69 - 132	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*50 - 150*

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

Lab Sample ID: MB 570-134414/1-A
Matrix: Water
Analysis Batch: 135234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134414

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		100		ug/L		03/08/21 17:03	03/11/21 17:09	1
TPH as Motor Oil Range	ND		100		ug/L		03/08/21 17:03	03/11/21 17:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*50 - 150*	*03/08/21 17:03*	*03/11/21 17:09*	*1*

Lab Sample ID: LCS 570-134414/2-A
Matrix: Water
Analysis Batch: 135234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134414

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			800	749.8		ug/L		94	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*50 - 150*

Lab Sample ID: LCSD 570-134414/3-A
Matrix: Water
Analysis Batch: 135234

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134414

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			800	898.7	*1	ug/L		112	68 - 120	18	14

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*103*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

GC/MS VOA

Analysis Batch: 134722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-53092-1	MW-17	Total/NA	Water	8260B	
570-53092-2	MW-19	Total/NA	Water	8260B	
570-53092-3	Dup-19	Total/NA	Water	8260B	
570-53092-4	TB-01	Total/NA	Water	8260B	
MB 570-134722/8	Method Blank	Total/NA	Water	8260B	
LCS 570-134722/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-134722/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 135002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-53092-1	MW-17	Total/NA	Water	NWTPH-Gx	
570-53092-2	MW-19	Total/NA	Water	NWTPH-Gx	
570-53092-3	Dup-19	Total/NA	Water	NWTPH-Gx	
570-53092-4	TB-01	Total/NA	Water	NWTPH-Gx	
MB 570-135002/10	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-135002/1008	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-135002/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-53093-D-1 MS	Matrix Spike	Total/NA	Water	NWTPH-Gx	
570-53093-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 134414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-53092-1	MW-17	Total/NA	Water	3510C	
570-53092-2	MW-19	Total/NA	Water	3510C	
570-53092-3	Dup-19	Total/NA	Water	3510C	
MB 570-134414/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-134414/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-134414/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 135234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-53092-1	MW-17	Total/NA	Water	NWTPH-Dx	134414
570-53092-2	MW-19	Total/NA	Water	NWTPH-Dx	134414
570-53092-3	Dup-19	Total/NA	Water	NWTPH-Dx	134414
MB 570-134414/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	134414
LCS 570-134414/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	134414
LCSD 570-134414/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	134414

Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Client Sample ID: MW-17
Date Collected: 03/04/21 13:53
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	134722	03/09/21 23:15	NET3	ECL 2
	Instrument ID: GCMSPP									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	135002	03/11/21 00:50	A9VE	ECL 2
	Instrument ID: GC56									
Total/NA	Prep	3510C			499 mL	5 mL	134414	03/08/21 17:03	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			135234	03/11/21 18:56	A1W	ECL 1
	Instrument ID: GC48									

Client Sample ID: MW-19
Date Collected: 03/04/21 11:27
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	134722	03/09/21 23:43	NET3	ECL 2
	Instrument ID: GCMSPP									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	135002	03/11/21 01:13	A9VE	ECL 2
	Instrument ID: GC56									
Total/NA	Prep	3510C			536.6 mL	5 mL	134414	03/08/21 17:03	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			135234	03/11/21 19:17	A1W	ECL 1
	Instrument ID: GC48									

Client Sample ID: Dup-19
Date Collected: 03/04/21 12:00
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	134722	03/10/21 00:10	NET3	ECL 2
	Instrument ID: GCMSPP									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	135002	03/11/21 02:23	A9VE	ECL 2
	Instrument ID: GC56									
Total/NA	Prep	3510C			526.8 mL	5 mL	134414	03/08/21 17:03	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			135234	03/11/21 19:40	A1W	ECL 1
	Instrument ID: GC48									

Client Sample ID: TB-01
Date Collected: 03/04/21 09:30
Date Received: 03/06/21 10:30

Lab Sample ID: 570-53092-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	134722	03/09/21 22:20	NET3	ECL 2
	Instrument ID: GCMSPP									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	135002	03/10/21 20:55	A9VE	ECL 2
	Instrument ID: GC56									

Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 2
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-53092-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-53092-1	MW-17	Water	03/04/21 13:53	03/06/21 10:30	
570-53092-2	MW-19	Water	03/04/21 11:27	03/06/21 10:30	
570-53092-3	Dup-19	Water	03/04/21 12:00	03/06/21 10:30	
570-53092-4	TB-01	Water	03/04/21 09:30	03/06/21 10:30	

53092

eurofins | Calscience

570-53092 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 3/4/21

PAGE: 1 OF 1

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

LABORATORY CLIENT: GHD

ADDRESS: 920 N. 6th Ave

CITY: Yakima STATE: WA ZIP:

TEL: (253) 302-8281 E-MAIL:

CLIENT PROJECT NAME / NUMBER: 11145729

P.O. NO

PROJECT CONTACT: Matt Davis

SAMPLER(S): (PRINT) Andrew Wiser

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☒ TPH(g) ☐ GRO	☒ TPH(d) ☐ DRO	☐ TPH ☐ C6-C36 ☐ C6-C44	TPH-D	BTEX / ~~MTBE~~ ☒ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs. ☐ 8270 ☐ 8270 SIM	T22 Metals. ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	MW-17	3/4/21	1353	W	8	2	6		X	X		X	X									
2	MW-19	3/4/21	1127	W	8	2	6		X	X		X	X									
3	Dup-1	3/4/21	1200	W	8	2	6		X	X		X	X									
4	TB-01	3/4/21	0930	W	3		3		X				X									

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	Shipper Via FedEx	3/5/21	1200
(FedEX)	EC I	3-6-2021	10:30
		Date:	Time:

06/02/14 Revision

5.2/4.1 SC6 : 5-6/4-5

3/12/2021

Loc 570
53092

ORIGIN ID:SEAA (714) 865-5494
FROM: BLAIN TECH SERVICES
TO: EUROFINS CAL SCIENCE
7440 LINCOLN WAY

GARDEN GROVE, CA 92841
UNITED STATES US

SHIP DATE: 05MAR21
ACTWGT: 35.00 LB
CAD: 6992456/SSFO2121
DIMS: 18x17x12 IN

BILL THIRD PARTY

TO FROM: BLAIN TECH SERVICES
TO: EUROFINS CAL SCIENCE
7440 LINCOLN WAY

GARDEN GROVE CA 92841

(714) 865-5494 REF:

INV:
PO:
DEPT:

570-53092 Waybill

FedEx Express

1 of 3

TRK# 7844 2293 9150
0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

MASTER

WO APVA

92841
CA-US SNA

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-53092-1

Login Number: 53092
List Number: 1
Creator: Soriano, Precy

List Source: Eurofins Calscience

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

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ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-63558-1
Client Project/Site: P66 Yakima / 11145929

For:
GHD Services Inc.
3600 Port of Tacoma Road
Tacoma, Washington 98424

Attn: Matt Davis

Vik Patel

Authorized for release by:
7/13/2021 10:59:04 AM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Glossary

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

Job ID: 570-63558-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-63558-1

Comments
No additional comments.

Receipt
The sample was received on 7/6/2021 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 24.2º C.

Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: MW-15 (570-63558-1).

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-163210.

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

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

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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

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

Detection Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Client Sample ID: MW-15

Lab Sample ID: 570-63558-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1100		5.0		ug/L	10		8260B	Total/NA
Ethylbenzene	66		10		ug/L	10		8260B	Total/NA
m,p-Xylene	27		20		ug/L	10		8260B	Total/NA
Xylenes, Total	27		20		ug/L	10		8260B	Total/NA
TPH as Gasoline (C4-C13)	2300		500		ug/L	5		NWTPH-Gx	Total/NA
TPH as Diesel Range	14		0.10		mg/L	1		NWTPH-Dx	Total/NA
TPH as Motor Oil Range	0.12		0.10		mg/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: MW-15
Date Collected: 06/28/21 11:10
Date Received: 07/06/21 09:00

Lab Sample ID: 570-63558-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1100**		5.0		ug/L			07/11/21 06:03	10
Ethylbenzene	**66**		10		ug/L			07/11/21 06:03	10
o-Xylene	ND		10		ug/L			07/11/21 06:03	10
m,p-Xylene	**27**		20		ug/L			07/11/21 06:03	10
Toluene	ND		10		ug/L			07/11/21 06:03	10
Xylenes, Total	**27**		20		ug/L			07/11/21 06:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 123*		*07/11/21 06:03*	*10*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*07/11/21 06:03*	*10*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*07/11/21 06:03*	*10*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/11/21 06:03*	*10*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

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

Client Sample ID: MW-15
Date Collected: 06/28/21 11:10
Date Received: 07/06/21 09:00

Lab Sample ID: 570-63558-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	2300		500		ug/L			07/10/21 14:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*50 - 150*		*07/10/21 14:45*	*5*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

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

Client Sample ID: MW-15
Date Collected: 06/28/21 11:10
Date Received: 07/06/21 09:00

Lab Sample ID: 570-63558-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	14		0.10		mg/L		07/12/21 09:39	07/12/21 17:33	1
TPH as Motor Oil Range	0.12		0.10		mg/L		07/12/21 09:39	07/12/21 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*50 - 150*	*07/12/21 09:39*	*07/12/21 17:33*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-63558-1	MW-15	110	96	100	95
LCS 570-163210/3	Lab Control Sample	105	103	100	99
LCSD 570-163210/4	Lab Control Sample Dup	106	102	100	98
MB 570-163210/7	Method Blank	114	94	104	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-63558-1	MW-15	82
570-63558-1 MS	MW-15	114
570-63558-1 MSD	MW-15	104
LCS 570-163186/4	Lab Control Sample	102
LCSD 570-163186/5	Lab Control Sample Dup	102
MB 570-163186/6	Method Blank	70

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-63558-1	MW-15	114
LCS 570-163297/2-A	Lab Control Sample	123
LCSD 570-163297/3-A	Lab Control Sample Dup	116
MB 570-163297/1-A	Method Blank	127

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-163210/7
Matrix: Water
Analysis Batch: 163210

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			07/10/21 23:20	1
Ethylbenzene	ND		1.0		ug/L			07/10/21 23:20	1
o-Xylene	ND		1.0		ug/L			07/10/21 23:20	1
m,p-Xylene	ND		2.0		ug/L			07/10/21 23:20	1
Toluene	ND		1.0		ug/L			07/10/21 23:20	1
Xylenes, Total	ND		2.0		ug/L			07/10/21 23:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 123*		*07/10/21 23:20*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*07/10/21 23:20*	*1*
Dibromofluoromethane (Surr)	*104*		*78 - 120*		*07/10/21 23:20*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/10/21 23:20*	*1*

Lab Sample ID: LCS 570-163210/3
Matrix: Water
Analysis Batch: 163210

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	51.66		ug/L		103	76 - 120		
Ethylbenzene			50.0	56.34		ug/L		113	80 - 120		
o-Xylene			50.0	57.73		ug/L		115	80 - 121		
m,p-Xylene			100	115.0		ug/L		115	74 - 122		
Toluene			50.0	54.58		ug/L		109	76 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-163210/4
Matrix: Water
Analysis Batch: 163210

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	50.34		ug/L		101	76 - 120	3	20
Ethylbenzene			50.0	54.32		ug/L		109	80 - 120	4	20
o-Xylene			50.0	56.82		ug/L		114	80 - 121	2	20
m,p-Xylene			100	110.6		ug/L		111	74 - 122	4	20
Toluene			50.0	52.46		ug/L		105	76 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

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

Lab Sample ID: MB 570-163186/6
Matrix: Water
Analysis Batch: 163186

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			07/10/21 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*50 - 150*		*07/10/21 13:48*	*1*

Lab Sample ID: LCS 570-163186/4
Matrix: Water
Analysis Batch: 163186

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2130	1845		ug/L		87	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*50 - 150*

Lab Sample ID: LCSD 570-163186/5
Matrix: Water
Analysis Batch: 163186

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2130	1904		ug/L		89	76 - 128	3	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*50 - 150*

Lab Sample ID: 570-63558-1 MS
Matrix: Water
Analysis Batch: 163186

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)	2300		10600	12470		ug/L		96	69 - 132		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*50 - 150*

Lab Sample ID: 570-63558-1 MSD
Matrix: Water
Analysis Batch: 163186

Client Sample ID: MW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)	2300		10600	11660		ug/L		88	69 - 132	7	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*50 - 150*

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

Lab Sample ID: MB 570-163297/1-A
Matrix: Water
Analysis Batch: 163364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163297

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		07/12/21 09:39	07/12/21 17:12	1
TPH as Motor Oil Range	ND		0.10		mg/L		07/12/21 09:39	07/12/21 17:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*127*		*50 - 150*	*07/12/21 09:39*	*07/12/21 17:12*	*1*

Lab Sample ID: LCS 570-163297/2-A
Matrix: Water
Analysis Batch: 163364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163297

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			4.00	4.408		mg/L		110	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*123*		*50 - 150*

Lab Sample ID: LCSD 570-163297/3-A
Matrix: Water
Analysis Batch: 163364

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 163297

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			4.00	4.214		mg/L		105	68 - 120	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*116*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

GC/MS VOA

Analysis Batch: 163210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-63558-1	MW-15	Total/NA	Water	8260B	
MB 570-163210/7	Method Blank	Total/NA	Water	8260B	
LCS 570-163210/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-163210/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 163186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-63558-1	MW-15	Total/NA	Water	NWTPH-Gx	
MB 570-163186/6	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-163186/4	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-163186/5	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
570-63558-1 MS	MW-15	Total/NA	Water	NWTPH-Gx	
570-63558-1 MSD	MW-15	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 163297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-63558-1	MW-15	Total/NA	Water	3510C	
MB 570-163297/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-163297/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-163297/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 163364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-63558-1	MW-15	Total/NA	Water	NWTPH-Dx	163297
MB 570-163297/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	163297
LCS 570-163297/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	163297
LCSD 570-163297/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	163297

Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Client Sample ID: MW-15

Date Collected: 06/28/21 11:10
Date Received: 07/06/21 09:00

Lab Sample ID: 570-63558-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	163210	07/11/21 06:03	N1A	ECL 2
	Instrument ID: GCMSXX									
Total/NA	Analysis	NWTPH-Gx		5	5 mL	5 mL	163186	07/10/21 14:45	P1R	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3510C			242.6 mL	2.5 mL	163297	07/12/21 09:39	UFLU	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			163364	07/12/21 17:33	UJ3K	ECL 1
	Instrument ID: GC48									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

Method Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 2
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11145929

Job ID: 570-63558-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-63558-1	MW-15	Water	06/28/21 11:10	07/06/21 09:00	

Patel, Vikas

From: Arthur Clauss <Arthur.Clauss@ghd.com>
Sent: Tuesday, July 6, 2021 5:39 PM
To: Christine, Mark B.; Jeffrey Cloud; Matthew Davis
Cc: Patel, Vikas
Subject: RE: Eurofins Calscience sample confirmation files from 570-63558-1 P66 Yakima / 11145929

The COC and sample acknowledgement form look good. Thank you for letting me know about the temparture non-conformance. I will follow-up with our subcontractor to verify the cause of the temperature exceedance; it appears that the cooler may have been delayed while in transit.

Thanks

ARTHUR CLAUSS, GIT
STAFF GEOLOGIST
Project Coordinator

GHD
Proudly employee-owned | ghd.com
9725 3rd Avenue NE Ste 204 Seattle WA 98115 USA
Office Mailing Address – PO Box 1010 Eureka CA 95502 USA
D 425-563-6520 **M** 206-643-2451 **E** arthur.clauss@ghd.com

---

From: Christine, Mark B. <Mark.Christine@Eurofinset.com>
Sent: Tuesday, July 6, 2021 4:55 PM
To: Arthur Clauss <Arthur.Clauss@ghd.com>; Jeffrey Cloud <Jeffrey.Cloud@ghd.com>; Matthew Davis <Matthew.Davis@ghd.com>
Cc: Patel, Vikas <Vikas.Patel@eurofinset.com>
Subject: RE: Eurofins Calscience sample confirmation files from 570-63558-1 P66 Yakima / 11145929

Hello,

In addition to the sample receipt confirmation, the following NCM (non-conformance memo) was attached:

The following sample was received at the laboratory outside the required temperature criteria: MW-15 (570-63558-1). Water was present in cooler which indicates evidence of melted ice.

Thanks,

Mark B Christine

Phone: 714-895-5494

E-mail: mark.christine@eurofinset.com

63558

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD	Report To:	matthew.davis@ghd.com	Attention:	Accounts Payable
Address:		Copy To:	arthur.Clauss@ghd.com	Company Name:	GHD
		Copy To:	jeffrey.cloud@ghd.com	Address:	20818 44th Ave W, Suite 190, 98036
Email To:	matthew.davis@ghd.com	Purchase Order No		Quote Reference:	
Phone:	253-573-1218 Fax:	Client Project ID:	11220390 - P66 Yakima	CalScience Project Manage	
Requested Due Date/TAT:	Standard	Container Order Number:		CalScience Profile	

Regulatory Agency	
State / Location	WA / Ilwaco

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

Requested Analysis Filtered (Y/N)

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	NWTPH-Gx	NWTPH-Dx	BTEX	MTBE, EDB, EDC, Naphthalene	Total Lead	TPH-O	Residual Chlorine (Y/N)
1	MW-15	WT	G	6/6/21	1110				8				8						X	X	X			X	
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

570-63558 Chain of Custody

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		6/30/21		SHIPPED VIA FEDEX		0
					7/6/21	0900

SAMPLE CONDITIONS

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: LEE BORES

SIGNATURE of SAMPLER:

DATE Signed: 6/28/21

24.6/24.2 SCG

Page 19 of 21

7/13/2021

63558

570-63558 Waybill

Package US Airbill

FedEx Tracking Number 8158 1729 9919

Phone 206 348

URES

AINE TECH WIZES

CLAY ST NW SUITE B-1

Dept/Floor/Suite/Room

URN State WA ZIP 98001

lling Reference

Phone 714 895-5494

ENTAL LAB

Dept/Floor/Suite/Room

P.O. boxes or P.O. ZIP codes.

HOLD location address or for continuation of your shipping address.

GROVE State

8158 1729 9919

Form ID No.

4 Express Package Service *To most locations.

Recipient's Copy

Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

2 or 3 Business Days

FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.

FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging *Declared value limit $500.

FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☐ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

Saturday Delivery NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required Package may be left without obtaining a signature for delivery.

☐ Direct Signature Someone at recipient's address may sign for delivery.

☐ Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Hold Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Hold Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods?

☐ No ☐ Yes As per attached Shipper's Declaration ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. below.

Obtain recip. FedEx Acct No. ☐

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx.

FRI - 02 JUL AA
PRIORITY OVERNIGHT

TRK# 0215 8158 1729 9919

92 APVA

92841 CA-US SNA

611

FID: 920568 01Jul2021 SEAA 560G2/0265/1B23

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-63558-1

Login Number: 63558
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience LLC

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

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-70650-1
Client Project/Site: P66 Yakima / 11220390

For:
GHD Services Inc.
3600 Port of Tacoma Road
Tacoma, Washington 98424

Attn: Matt Davis

Vik Patel

Authorized for release by:
9/28/2021 1:27:10 PM

Vikas Patel, Project Manager I
(714)895-5494
vikas.patel@eurofinset.com

Table of Contents

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

Glossary

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

Case Narrative

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

Job ID: 570-70650-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-70650-1

Comments
No additional comments.

Receipt
The samples were received on 9/21/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method 8260C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-182163. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

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

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

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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

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

Detection Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

Client Sample ID: MW-15 — Lab Sample ID: 570-70650-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1300		5.0		ug/L	10		8260C	Total/NA
Ethylbenzene	53		10		ug/L	10		8260C	Total/NA
m,p-Xylene	24		20		ug/L	10		8260C	Total/NA
Xylenes, Total	24		20		ug/L	10		8260C	Total/NA
TPH as Gasoline (C4-C13)	2300		100		ug/L	1		NWTPH-Gx	Total/NA
TPH as Diesel Range	1.5		0.093		mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 570-70650-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1200		5.0		ug/L	10		8260C	Total/NA
Ethylbenzene	47		10		ug/L	10		8260C	Total/NA
m,p-Xylene	22		20		ug/L	10		8260C	Total/NA
Xylenes, Total	22		20		ug/L	10		8260C	Total/NA
TPH as Gasoline (C4-C13)	2200		100		ug/L	1		NWTPH-Gx	Total/NA
TPH as Diesel Range	1.6		0.10		mg/L	1		NWTPH-Dx	Total/NA

Client Sample ID: TB01 — Lab Sample ID: 570-70650-3

No Detections.

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: MW-15
Date Collected: 09/15/21 09:53
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1300**		5.0		ug/L			09/28/21 00:37	10
Ethylbenzene	**53**		10		ug/L			09/28/21 00:37	10
o-Xylene	ND		10		ug/L			09/28/21 00:37	10
m,p-Xylene	**24**		20		ug/L			09/28/21 00:37	10
Toluene	ND		10		ug/L			09/28/21 00:37	10
Xylenes, Total	**24**		20		ug/L			09/28/21 00:37	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 123*		*09/28/21 00:37*	*10*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*		*09/28/21 00:37*	*10*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*09/28/21 00:37*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/28/21 00:37*	*10*

Client Sample ID: DUP-1
Date Collected: 09/15/21 12:00
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1200**		5.0		ug/L			09/28/21 01:06	10
Ethylbenzene	**47**		10		ug/L			09/28/21 01:06	10
o-Xylene	ND		10		ug/L			09/28/21 01:06	10
m,p-Xylene	**22**		20		ug/L			09/28/21 01:06	10
Toluene	ND		10		ug/L			09/28/21 01:06	10
Xylenes, Total	**22**		20		ug/L			09/28/21 01:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 123*		*09/28/21 01:06*	*10*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*		*09/28/21 01:06*	*10*
Dibromofluoromethane (Surr)	*101*		*78 - 120*		*09/28/21 01:06*	*10*
Toluene-d8 (Surr)	*95*		*80 - 120*		*09/28/21 01:06*	*10*

Client Sample ID: TB01
Date Collected: 09/15/21 08:00
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/28/21 01:35	1
Ethylbenzene	ND		1.0		ug/L			09/28/21 01:35	1
o-Xylene	ND		1.0		ug/L			09/28/21 01:35	1
m,p-Xylene	ND		2.0		ug/L			09/28/21 01:35	1
Toluene	ND		1.0		ug/L			09/28/21 01:35	1
Xylenes, Total	ND		2.0		ug/L			09/28/21 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 123*		*09/28/21 01:35*	*1*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*		*09/28/21 01:35*	*1*
Dibromofluoromethane (Surr)	*98*		*78 - 120*		*09/28/21 01:35*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*09/28/21 01:35*	*1*

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

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

Client Sample ID: MW-15
Date Collected: 09/15/21 09:53
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**2300**		100		ug/L			09/23/21 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*50 - 150*		*09/23/21 12:16*	*1*

Client Sample ID: DUP-1
Date Collected: 09/15/21 12:00
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	**2200**		100		ug/L			09/23/21 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*50 - 150*		*09/23/21 12:39*	*1*

Client Sample ID: TB01
Date Collected: 09/15/21 08:00
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-3
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/23/21 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*50 - 150*		*09/23/21 14:13*	*1*

Client Sample Results

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

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

Client Sample ID: MW-15
Date Collected: 09/15/21 09:53
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-1
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**1.5**		0.093		mg/L		09/22/21 13:50	09/22/21 20:45	1
TPH as Motor Oil Range	ND		0.093		mg/L		09/22/21 13:50	09/22/21 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*50 - 150*	*09/22/21 13:50*	*09/22/21 20:45*	*1*

Client Sample ID: DUP-1
Date Collected: 09/15/21 12:00
Date Received: 09/21/21 10:00

Lab Sample ID: 570-70650-2
Matrix: Water

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	**1.6**		0.10		mg/L		09/22/21 13:50	09/22/21 21:06	1
TPH as Motor Oil Range	ND		0.10		mg/L		09/22/21 13:50	09/22/21 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*104*		*50 - 150*	*09/22/21 13:50*	*09/22/21 21:06*	*1*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-70650-1	MW-15	92	87	102	98
570-70650-2	DUP-1	94	85	101	95
570-70650-3	TB01	91	87	98	96
LCS 570-182163/3	Lab Control Sample	89	96	95	97
LCSD 570-182163/4	Lab Control Sample Dup	85	93	94	96
MB 570-182163/7	Method Blank	91	86	98	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(50-150)
570-70650-1	MW-15	123
570-70650-2	DUP-1	118
570-70650-3	TB01	86
LCS 570-181195/32	Lab Control Sample	104
LCSD 570-181195/33	Lab Control Sample Dup	106
MB 570-181195/34	Method Blank	82

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN
Lab Sample ID	Client Sample ID	(50-150)
570-70650-1	MW-15	106
570-70650-2	DUP-1	104
LCS 570-181073/2-A	Lab Control Sample	87
LCS 570-181073/4-A	Lab Control Sample	98
LCSD 570-181073/3-A	Lab Control Sample Dup	84
LCSD 570-181073/5-A	Lab Control Sample Dup	95
MB 570-181073/1-A	Method Blank	87

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 570-182163/7
Matrix: Water
Analysis Batch: 182163

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/27/21 19:11	1
Ethylbenzene	ND		1.0		ug/L			09/27/21 19:11	1
o-Xylene	ND		1.0		ug/L			09/27/21 19:11	1
m,p-Xylene	ND		2.0		ug/L			09/27/21 19:11	1
Toluene	ND		1.0		ug/L			09/27/21 19:11	1
Xylenes, Total	ND		2.0		ug/L			09/27/21 19:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 123*		*09/27/21 19:11*	*1*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*		*09/27/21 19:11*	*1*
Dibromofluoromethane (Surr)	*98*		*78 - 120*		*09/27/21 19:11*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/27/21 19:11*	*1*

Lab Sample ID: LCS 570-182163/3
Matrix: Water
Analysis Batch: 182163

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	52.01		ug/L		104	76 - 120		
Ethylbenzene			50.0	48.46		ug/L		97	80 - 120		
o-Xylene			50.0	48.61		ug/L		97	80 - 121		
m,p-Xylene			100	97.77		ug/L		98	74 - 122		
Toluene			50.0	49.99		ug/L		100	76 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 123*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*78 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 570-182163/4
Matrix: Water
Analysis Batch: 182163

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	51.62		ug/L		103	76 - 120	1	20
Ethylbenzene			50.0	48.74		ug/L		97	80 - 120	1	20
o-Xylene			50.0	48.49		ug/L		97	80 - 121	0	20
m,p-Xylene			100	97.99		ug/L		98	74 - 122	0	20
Toluene			50.0	49.26		ug/L		99	76 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 123*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*78 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

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

Lab Sample ID: MB 570-181195/34
Matrix: Water
Analysis Batch: 181195

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Gasoline (C4-C13)	ND		100		ug/L			09/23/21 05:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*50 - 150*		*09/23/21 05:42*	*1*

Lab Sample ID: LCS 570-181195/32
Matrix: Water
Analysis Batch: 181195

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Gasoline (C4-C13)			2130	2042		ug/L		96	76 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*50 - 150*

Lab Sample ID: LCSD 570-181195/33
Matrix: Water
Analysis Batch: 181195

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Gasoline (C4-C13)			2130	2053		ug/L		96	76 - 128	1	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*50 - 150*

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

Lab Sample ID: MB 570-181073/1-A
Matrix: Water
Analysis Batch: 180767

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 181073

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
TPH as Diesel Range	ND		0.10		mg/L		09/22/21 13:50	09/22/21 16:21	1
TPH as Motor Oil Range	ND		0.10		mg/L		09/22/21 13:50	09/22/21 16:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*50 - 150*	*09/22/21 13:50*	*09/22/21 16:21*	*1*

Lab Sample ID: LCS 570-181073/2-A
Matrix: Water
Analysis Batch: 180767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181073

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			4.00	4.452		mg/L		111	68 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*87*		*50 - 150*

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

Lab Sample ID: LCS 570-181073/4-A
Matrix: Water
Analysis Batch: 180767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 181073

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
TPH as Motor Oil (C17-C44)			4.00	3.788		mg/L		95	71 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*50 - 150*

Lab Sample ID: LCSD 570-181073/3-A
Matrix: Water
Analysis Batch: 180767

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 181073

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28			4.00	4.331		mg/L		108	68 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*84*		*50 - 150*

Lab Sample ID: LCSD 570-181073/5-A
Matrix: Water
Analysis Batch: 180767

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 181073

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			4.00	3.809		mg/L		95	71 - 129	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*50 - 150*

QC Association Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

GC/MS VOA

Analysis Batch: 182163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70650-1	MW-15	Total/NA	Water	8260C	
570-70650-2	DUP-1	Total/NA	Water	8260C	
570-70650-3	TB01	Total/NA	Water	8260C	
MB 570-182163/7	Method Blank	Total/NA	Water	8260C	
LCS 570-182163/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 570-182163/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 181195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70650-1	MW-15	Total/NA	Water	NWTPH-Gx	
570-70650-2	DUP-1	Total/NA	Water	NWTPH-Gx	
570-70650-3	TB01	Total/NA	Water	NWTPH-Gx	
MB 570-181195/34	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 570-181195/32	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 570-181195/33	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Analysis Batch: 180767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-181073/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	181073
LCS 570-181073/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	181073
LCS 570-181073/4-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	181073
LCSD 570-181073/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	181073
LCSD 570-181073/5-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	181073

Prep Batch: 181073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70650-1	MW-15	Total/NA	Water	3510C	
570-70650-2	DUP-1	Total/NA	Water	3510C	
MB 570-181073/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-181073/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 570-181073/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-181073/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 570-181073/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 181151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-70650-1	MW-15	Total/NA	Water	NWTPH-Dx	181073
570-70650-2	DUP-1	Total/NA	Water	NWTPH-Dx	181073

Lab Chronicle

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

Client Sample ID: MW-15

Lab Sample ID: 570-70650-1

Date Collected: 09/15/21 09:53

Matrix: Water

Date Received: 09/21/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	5 mL	5 mL	182163	09/28/21 00:37	K6MO	ECL 2
	Instrument ID: GCMSJJ									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	181195	09/23/21 12:16	A9VE	ECL 2
	Instrument ID: GC56									
Total/NA	Prep	3510C			269.2 mL	2.5 mL	181073	09/22/21 13:50	UYUW	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			181151	09/22/21 20:45	A1W	ECL 1
	Instrument ID: GC48									

Client Sample ID: DUP-1

Lab Sample ID: 570-70650-2

Date Collected: 09/15/21 12:00

Matrix: Water

Date Received: 09/21/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	5 mL	5 mL	182163	09/28/21 01:06	K6MO	ECL 2
	Instrument ID: GCMSJJ									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	181195	09/23/21 12:39	A9VE	ECL 2
	Instrument ID: GC56									
Total/NA	Prep	3510C			251.1 mL	2.5 mL	181073	09/22/21 13:50	UYUW	ECL 1
Total/NA	Analysis	NWTPH-Dx		1			181151	09/22/21 21:06	A1W	ECL 1
	Instrument ID: GC48									

Client Sample ID: TB01

Lab Sample ID: 570-70650-3

Date Collected: 09/15/21 08:00

Matrix: Water

Date Received: 09/21/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	182163	09/28/21 01:35	K6MO	ECL 2
	Instrument ID: GCMSJJ									
Total/NA	Analysis	NWTPH-Gx		1	5 mL	5 mL	181195	09/23/21 14:13	A9VE	ECL 2
	Instrument ID: GC56									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 570-70650-1
Project/Site: P66 Yakima / 11220390

Laboratory: Eurofins Calscience LLC

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	CA300001	01-30-22

Method Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ECL 2
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	ECL 2
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: GHD Services Inc.
Project/Site: P66 Yakima / 11220390

Job ID: 570-70650-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-70650-1	MW-15	Water	09/15/21 09:53	09/21/21 10:00
570-70650-2	DUP-1	Water	09/15/21 12:00	09/21/21 10:00
570-70650-3	TB01	Water	09/15/21 08:00	09/21/21 10:00

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD	Report To:	matthew davis@ghd com	Attention:	Accounts Payable
Address:		Copy To:	arthur Clauss@ghd com	Company Name:	GHD
		Copy To:	jeffrey cloud@ghd.com	Address:	20818 44th Ave W, Suite 190, 98036
Email To:	matthew davis@ghd com	Purchase Order No.		Quote Reference:	
Phone:	253-573-1218 Fax:	Client Project ID:	11220390 - P66 Yakima	CalScience Project Manage	
Requested Due Date/TAT:	Standard	Container Order Number:		CalScience Profile	

Regulatory Agency

State / Location: WA / Ilwaco

Requested Analysis Filtered (Y/N)

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

570-70650 Chain of Custody

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	NWTPH-Gx	NWTPH-Dx	BTEX	MTBE, EDB, EDC, Naphthalene	Total Lead	TPH-O	Residual Chlorine (Y/N)
1	MW-15	WT	G	9/15/21	0953				8				8						X	X	X		X		
2	DUP-1	"	"	9/15/21	1200				8				8						X	X	X		X		
3	TB01	✓	✓	9/15/21	0800				3				3						X		X				
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	BTS	9/20/21	1605	Shipped Via Fed Ex	9/20/21	1605	
					9/21/21	10:00	

TEMP In C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3.2	Y		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Kristel Koetzel

SIGNATURE of SAMPLER:

DATE Signed: 9/15/21

9/28/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 570-70650-1

Login Number: 70650
List Number: 1
Creator: Liao, Gineyau

List Source: Eurofins Calscience LLC

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

Appendix C

Waste Manifest Documentation

484135 1018

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: None Required	2. Page 1 of 1	3. Emergency Response Phone: 800-337-7455	4. Waste Tracking Number: P66-BT-GHD-93021

5. Generator's Name and Mailing Address Att: Eli Gurian
Phillips 66-Burien (AOC 1572)
3900 Kilroy Airport Way, Suite 210
Long Beach CA 90806
Generator's Phone: 562 290-1537

Generator's Site Address (if different than mailing address)
Phillips 66-Burien (AOC 1572)
12805 1st Ave South
Burien WA 98168

6. Transporter 1 Company Name: DH Environmental Inc. — U.S. EPA ID Number: WAH000047217

7. Transporter 2 Company Name: Chemical Waste Management — U.S. EPA ID Number: ORD089452353

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812
Facility's Phone: 541 454-2643
U.S. EPA ID Number: ORD089452353

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-RCRA, non-DOT (IDW Water OR344367)	01	TP	1500	P
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Profile# OR344367
AOC 1572, AOC 0964, AOC 0965, AOC 0966, AOC 5887, AOC 5870
AOC 5978, AOC 5869, AOC 5886, AOC 5888, AOC 5885, AOC 5874, AOC 5882, AOC 5878
AOC 5881, AOC 5866

wwal
980774

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kleesbatner Lambert (A representative of P66) — Signature: [signature] — Month 09 Day 30 Year 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jake Heatherly — Signature: [signature] — Month 09 Day 30 Year 21
Transporter 2 Printed/Typed Name: G. Pinada — Signature: [signature] — Month 10 Day 7 Year 21

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Dawn Dunlap — Signature: [signature] — Month 10 Day 14 Year 21

169-BLC-O 6 10498 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

484135

NON-HAZARDOUS WASTE MANIFEST (Continuation Sheet)	19. Generator ID Number N/A	20. Page 2 OF 2	21. Waste Tracking Number 66-BT-GHD-9

22. Generator's Name: PHILLIPS 66 BURIEN (ABC 1572)

23. Transporter 3 Company Name: UPRR — U.S. EPA ID Number: KED001792916

24. Transporter 4 Company Name: CRLF — U.S. EPA ID Number: ORD987173457

	25. Waste Shipping Name and Description	26. Containers No.	26. Containers Type	27. Total Quantity	28. Unit Wt./Vol.	

29. Special Handling Instructions and Additional Information: 980774

TRANSPORTER

30. Transporter 3 Acknowledgment of Receipt of Materials
Printed/Typed Name: G Altheimer — Signature: [signature] — Month 10 Day 5 Year 21

31. Transporter 4 Acknowledgment of Receipt of Materials
Printed/Typed Name: D Williams — Signature: [signature] — Month 10 Day 11 Year 21

DESIGNATED FACILITY

32. Discrepancy

GENERATOR


GHD