



June 18, 2018
G-Logics File 01-0410-M

Washington State Department of Ecology, NW Region
Mr. Dale Myers
3190 160th Avenue SE
Bellevue, WA 98008

Subject: Progress Memo, May 1 to 31, 2018
Boeing Field Chevron
Ecology Facility-Site ID: 2551
Agreed Order: DE-10947
10805 East Marginal Way South
Tukwila, WA

Dear Mr. Myers:

This progress memo has been prepared per the Agreed Order requirements for the Boeing Field Chevron Site to document activities that have occurred since the previous progress memo dated May 22, 2018. This memo is understood to fulfill the reporting obligations established in the Agreed Order (No. DE 10947). Presented below is information for each of the eight Agreed Order Progress Memo topics.

1 – Actions Taken at the Property to Comply with Agreed Order No. DE 8072

G-Logics met with Ecology on May 24, 2018 to review comments on the Draft Feasibility Pilot Study Workplan. Groundwater sampling was performed on May 25 and May 29, 2018.

2 – Summary of Sampling and Testing

The analytical results from the second quarter groundwater sampling event are summarized in the attached Table 5. Overall, the analytical results were similar to recent sampling events. The thickness of free product (LNAPL) regularly found in monitoring well IP-7 is

G-Logics, Inc.
40 2nd Avenue SE
Issaquah, WA 98027
T: 425-391-6874
F: 425-313-3074

recorded in the attached Table 6. Recorded water quality parameters are presented in the attached Table 7.

3 – Summary of Deviations from the Approved Workplan

There are currently no deviations from the approved workplans for this reporting period.

4 – Summary of Contacts with Representatives from Local Community, Public Interest Groups, Press, and Federal, State, and Tribal Governments

The PLPs met with Ecology on May 24, 2018 to discuss the Draft Feasibility Pilot Study Workplan, but did not meet with any other public or private groups during this time period.

5 – Summary of Problems or Anticipated Problems in Meeting the Schedule or Objectives

Ecology recently informed G-Logics that additional quarterly groundwater-sampling events will be required for the following monitoring wells: MW-24D, MW-29S, MW-29D, and MW-30. These sampling activities would extend the deliverable due date for Remedial Investigation Field Activities to March 31, 2019. On June 6, 2018 G-Logics sent a letter to Ecology requesting an extension of the schedule of deliverables to accommodate the additional groundwater monitoring events. Ecology responded in an email on June 11, 2018 that the request would be approved.

6 – Summary of Solutions Developed and Implemented or Planned to Address Problems

To address the schedule conflicts identified in Section 5 above, G-Logics submitted a request to Ecology on June 7, 2018 for the extension of the Remedial Investigation Field Activities deliverable completion date.

7 – Changes in Key Personnel

There are no personnel changes to report.

8 – Description of Work Planned for Next Reporting Period

G-Logics continues to revise the RI text and incorporate Ecology's comments on the Draft Feasibility Pilot Study Workplan.



Closing

Please contact us at your convenience with any questions regarding this progress memo.

Sincerely,

G-Logics, Inc.



Rory L. Galloway, LG, LHG
Principal



Zackary S. Wall, M.Sc.
Project Geologist



Dan Hatch
Remediation Manager

Attachments: Draft Table 5, Groundwater Sample Analyses
Draft Table 6, Product Thickness and Groundwater Measurements
Draft Table 7, Well Purging

ATTACHMENTS

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)																	
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
(units in µg/L)																				
MW-1	MW-1	6/13/1990	14.65	<10,000	---	---	6.0	<1	<1	<1	---	---	---	---	---	---	---	---	---	
	MW-1	6/27/1990	13.82	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-1	7/30/1990	14.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-1	8/3/1990	15.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-1	8/15/1990	15.29	<1,000	<1,000	---	2.8	<0.5	<0.5	0.8	---	---	---	---	---	---	---	---	---	
	MW-1	11/16/1990	12.06	<1,000	<1,000	---	5.0	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	
	MW-1	1/8/1991	NR**	<1,000	---	---	3.8	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-1	3/20/1991	NR**	<1,000	---	---	2.4	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-1	3/3/1992	NR**	<1,000	---	---	5.4	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-1	6/17/1992	NR**	nd	---	---	1.2	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-1	2/9/1993	NR**	<100	<500	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	4.4	---	
	MW-1	4/12/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	3.5	nd	
	MW-1	6/24/1993	13.3	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-1	9/28/1993	14.3	<50	---	---	1.6	3.0	<0.5	2.3	---	---	---	---	---	---	---	---	---	
	MW-1	12/20/1993	12.91	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-1	6/2/1994	12.89	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-1	12/20/1997	10.99	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
Decommissioned																				
MW-2	MW-2	6/13/1990	9.85	<10,000	---	---	100	4	120	922	---	---	---	---	---	---	---	---		
	MW-2	6/22/1990	NR**	<10,000	---	---	249	2	127	555	---	---	---	---	---	---	---	---		
	MW-2	6/27/1990	10.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
	MW-2	7/30/1990	11.41	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
	MW-2	8/3/1990	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
	MW-2	8/15/1990	---	<1,000	<1,000	---	81	1.9	32	120	---	---	---	---	---	---	---	---		
	MW-2 Dup	8/15/1990	---	2,000	---	---	130	<0.5	56	180	---	---	---	---	---	---	---	---		
	MW-2	11/16/1990	NR**	NS	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
MW-2R	MW-2R	2/9/1993	NR**	<100	<500	---	19	<0.5	<0.5	0.50	---	---	---	---	---	---	25	---		
	MW-2R Dup	2/9/1993	NR**	<100	<500	---	19	<0.5	<0.5	<0.5	---	---	---	---	---	---	25	---		
	MW-2R	4/12/1993	NR**	<50	---	---	16	<0.5	<0.5	<1.5	---	---	---	---	---	---	31	nd		
	MW-2R Dup	4/12/1993	NR**	<50	---	---	17	<0.5	<0.5	<1.5	---	---	---	---	---	---	30	nd		
	MW-2R	6/24/1993	14.33	<50	---	---	2.6	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---		
	MW-2R	9/28/1993	15.66	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---		
	MW-2R	12/20/1993	13.82	<50	---	---	3.3	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---		
	MW-2R	6/2/1994	16.08	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---		
	MW-2R	12/20/1994	12.15	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---		
	Decommissioned																			

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)																	
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
(units in µg/L)																				
MW-3	MW-3	6/13/1990	15.25	<10,000	---	---	<1	<1	<1	6	---	---	---	---	---	---	---	---	---	
	MW-3	6/27/1990	15.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-3	7/30/1990	17.24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-3	8/3/1990	18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-3	8/15/1990	NR**	<1,000	<1,000	---	<0.5	<0.5	0.7	0.7	---	---	---	---	---	---	---	---	---	
	MW-3	11/16/1990	NR**	<1,000	<1,000	---	<0.5	2	0.7	<0.5	---	---	---	---	---	---	---	---	---	
	MW-3	1/8/1991	NR**	<1,000	---	---	nd	nd	1.1	nd	---	---	---	---	---	---	---	---	---	
	MW-3	3/20/1991	NR**	<1,000	---	---	<0.5	<0.5	3.5	1.2	---	---	---	---	---	---	---	---	---	
	MW-3	3/3/1992	NR**	120	---	---	<0.5	0.5	<0.5	0.5	---	---	---	---	---	---	---	---	---	
	MW-3	6/17/1992	NR**	120	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	Decommissioned 2/4/1993																			
MW-3R	MW-3R	2/9/1993	NR**	790	2,900	---	<0.5	<0.5	3.1	2	---	---	---	---	---	---	---	36	---	
	MW-3R	4/12/1993	NR**	380	---	---	<0.5	<0.5	0.7	0.7	---	---	---	---	---	---	---	56	nd	
	MW-3R	6/24/1993	14.4	160	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-3R	9/28/1993	15.98	<50	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-3R	12/20/1993	13.73	<50	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-3R	6/2/1994	16.43	160	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-3R	12/20/1994	12.06	130	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-3R	9/28/1995	12.76	<50	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	nd	nd	
	MW-3R	12/8/1995	12.6	260	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	nd	nd	
	MW-3R	3/18/1996	11.53	940	---	---	nd	nd	1.6	nd	---	---	---	---	---	---	---	12	---	
	Decommissioned																			
MW-4	MW-4	6/13/1990	9.95	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-4	6/27/1990	10.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-4	7/18/1990	NR**	<10,000	---	---	85	<1	3	7	---	---	---	---	---	---	---	---	---	
	MW-4	7/30/1990	10.48	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-4	8/3/1990	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-4	8/15/1990	---	<1,000	<1,000	---	190	<1	3	7	---	---	---	---	---	---	---	---	---	
	MW-4	11/16/1990	---	22,000	<1,000	---	<250	1,600	510	2,300	---	---	---	---	---	---	---	---	---	
	MW-4	1/8/1991	NR**	16,000	---	---	79	160	960	2,000	---	---	---	---	---	---	---	---	---	
	MW-4	3/20/1991	NR**	3,000	---	---	11	5.7	170	240	---	---	---	---	---	---	---	---	---	
	MW-4	7/23/1991	NR**	2,400	---	---	8.0	nd	170	130	---	---	---	---	---	---	---	---	---	
	MW-4	3/3/1992	NR**	12,000	---	---	1.2	310	1,000	3,200	---	---	---	---	---	---	---	---	---	
	MW-4	4/23/1992	NR**	---	---	---	nd	6.7	350	350	---	---	---	---	---	---	---	---	---	
	MW-4	6/17/1992	NR**	710	---	---	nd	nd	18	2	---	---	---	---	---	---	---	---	---	
	MW-4 Dup	6/17/1992	NR**	620	---	---	nd	nd	17	1.9	---	---	---	---	---	---	---	---	---	
Decommissioned 2/4/1993																				

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)																	
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
(units in µg/L)																				
MW-4R	MW-4R	2/9/1993	NR**	<100	<101	---	39	<0.5	<0.5	2.5	---	---	---	---	---	---	---	24	---	
	MW-4R	4/12/1993	NR**	<50	---	---	52	<0.5	<0.5	6.6	---	---	---	---	---	---	---	53	nd	
	MW-4R Dup	4/12/1993	NR**	<50	---	---	53	<0.5	0.5	7.3	---	---	---	---	---	---	---	---	---	
	MW-4R	6/24/1993	14.55	130	---	---	41	0.5	3.7	19	---	---	---	---	---	---	---	---	---	
	MW-4R	9/28/1993	16.34	200	---	---	18	0.6	3.7	24	---	---	---	---	---	---	---	---	---	
	MW-4R Dup	9/28/1993	NR**	190	---	---	16	0.7	2.9	21	---	---	---	---	---	---	---	---	---	
	MW-4R	12/20/1993	14.29	<50	---	---	16	<0.5	0.7	11	---	---	---	---	---	---	---	---	---	
	MW-4R Dup	12/20/1993	NR**	<50	---	---	16	<0.5	0.7	12	---	---	---	---	---	---	---	---	---	
	MW-4R	6/2/1994	16.64	160	---	---	7	<0.5	<0.5	1.9	---	---	---	---	---	---	---	---	---	
	MW-4R Dup	6/2/1994	NR**	110	---	---	7.3	<0.5	<0.5	2.1	---	---	---	---	---	---	---	---	---	
	MW-4R	12/20/1994	11.93	<50	---	---	0.6	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-4R Dup	12/20/1994		110	---	---	0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-4R	9/28/1995	13.61	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	nd	---	
	MW-4R	12/8/1995	10.6	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	20	---	
	MW-4R	3/18/1996	10.65	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	4.8	---	
Decommissioned																				
MW-5	MW-5	6/13/1990	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-5	6/27/1990	10.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-5	7/18/1990	---	<10,000	---	---	10	<1	<1	<1	---	---	---	---	---	---	---	---	---	
	MW-5	7/30/1990	10.16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-5	8/3/1990	10.17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-5	8/15/1990	---	<1,000	<1,000	---	53	<0.5	1.8	5.3	---	---	---	---	---	---	---	---	---	
	MW-5	11/16/1990	---	<1,000	<1,000	---	200	<0.5	3.7	1	---	---	---	---	---	---	---	---	---	
	MW-5	1/8/1991	NR**	<1,000	---	---	4.2	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-5	3/20/1991	NR**	<1,000	---	---	1.2	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-5	7/23/1991	NR**	46	---	---	0.62	<0.5	3.4	10	---	---	---	---	---	---	---	---	---	
	MW-5	3/3/1992	NR**	94	---	---	<0.5	<0.5	<0.5	0.54	---	---	---	---	---	---	---	---	---	
	MW-5	6/17/1992	NR**	430	---	---	<0.5	<0.5	15	48	---	---	---	---	---	---	---	---	---	
Decommissioned 9/1992																				

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)																	
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
(units in µg/L)																				
MW-6	MW-6	7/30/1990	10.56	<10,000	---	---	173	<1	<1	15	---	---	---	---	---	---	---	---	---	
	MW-6	8/3/1990	10.65	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-6	8/15/1990	NR**	<1,000	<1,000	---	150	0.6	1.5	17	---	---	---	---	---	---	---	---	---	
	MW-6	11/16/1990	NR**	5,000	<1,000	---	130	<25	69	500	---	---	---	---	---	---	---	---	---	
	MW-6 Dup	11/16/1990	NR**	6,000	---	---	100	<25	<25	440	---	---	---	---	---	---	---	---	---	
	MW-6	1/8/1991	NR**	<1,000	---	---	41	<0.5	3.7	11	---	---	---	---	---	---	---	---	---	
	MW-6 Dup	1/8/1991	NR**	<1,000	---	---	52	<0.5	4.6	11	---	---	---	---	---	---	---	---	---	
	MW-6	3/20/1991	NR**	<1,000	---	---	54	<0.5	1.2	<1.5	---	---	---	---	---	---	---	---	---	
	MW-6 Dup	3/20/1991	NR**	<1,000	---	---	58	<0.5	1.7	<1.5	---	---	---	---	---	---	---	---	---	
	MW-6	7/23/1991	NR**	130	---	---	35	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-6	3/3/1992	NR**	60	---	---	9.2	<0.5	1.5	4.4	---	---	---	---	---	---	---	---	---	
	MW-6 Dup	3/3/1992	NR**	43	---	---	9.8	<0.5	<0.5	0.6	---	---	---	---	---	---	---	---	---	
	MW-6	6/17/1992	NR**	<50	---	---	2.4	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	Decommissioned																			
MW-7	MW-7	7/30/1990	10.51	<10,000	---	---	<1	<1	<1	<1	---	---	---	---	---	---	---	---	---	
	MW-7	8/3/1990	10.69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	MW-7	8/15/1990	11.29	<1,000	<1,000	---	0.7	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	
	MW-7	11/16/1990	10.12	<1,000	<1,000	---	11	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	
	MW-7	1/8/1991	NR**	<1,000	---	---	1.9	nd	0.5	2.6	---	---	---	---	---	---	---	---	---	
	MW-7	3/20/1991	NR**	<1,000	---	---	0.5	nd	0.6	nd	---	---	---	---	---	---	---	---	---	
	MW-7	7/23/1991	NR**	nd	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-7	3/3/1992	NR**	nd	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-7	6/17/1992	NR**	nd	---	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	
	MW-7	2/9/1993	NR**	<100	<500	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	40	---	
	MW-7	4/12/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	27	3.9	
	MW-7	6/24/1993	11.93	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-7	9/28/1993	11.8	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-7	12/20/1993	10.43	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-7	6/20/1994	11.09	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
MW-7	12/20/1994	10.08	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---		
Decommissioned																				

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)																	
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
(units in µg/L)																				
MW-8	MW-8	2/9/1993	NR**	<100	<500	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	25	---	
	MW-8	4/12/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	33	nd	
	MW-8	6/24/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-8	9/28/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-8	12/20/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-8	6/2/1994	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-8	12/20/1994	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
Decommissioned																				
MW-8A	MW-8A	2/9/1993	NR**	<100	<500	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	18	---	
	MW-8A	4/12/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	74	nd	
	MW-8A	6/24/1993	9.75	<50	---	---	<0.5	0.6	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-8A	9/28/1993	10.87	<50	---	---	3	6.1	0.7	3.3	---	---	---	---	---	---	---	---	---	
	MW-8A	12/20/1993	9.78	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-8A	6/2/1994	9.84	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-8A	12/20/1994	9.11	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
Decommissioned																				
MW-9	MW-9	2/9/1993	NR**	<100	<500	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	23	---	
	MW-9	4/12/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	42	3.1	
	MW-9	6/24/1993	9.75	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9	9/28/1993	10.87	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9	12/20/1993	9.78	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9	6/2/1994	9.84	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9	12/20/1994	9.11	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
Decommissioned																				
MW-9A	MW-9A	2/9/1993	NR**	<100	<500	---	<0.5	<0.5	0.80	0.5	---	---	---	---	---	---	---	75	---	
	MW-9A	4/12/1993	NR**	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	120	nd	
	MW-9A	6/24/1993	9.27	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9A	9/28/1993	10.23	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9A	12/20/1993	8.69	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9A	6/2/1994	9.38	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
	MW-9A	12/20/1994	8.3	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
Decommissioned																				

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Concentration (µg/L)																
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
MW-10																				
	MW-10	9/5/1997	15.1	<50	<250	---	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	
		3/18/1998	15.68	<50	---	---	3.86	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
		6/19/1998	15.75	<50	29.7	---	3.88	<0.5	<0.5	<1.5	29.70	---	---	---	---	---	---	21.2	---	
		9/2/1998	16.46	<50	22.6	---	<0.5	<0.5	<0.5	<1.5	22.60	---	---	---	---	---	---	---	---	
		11/24/1998	10.49	<50	8.08	---	0.71	<0.5	<0.5	<1.5	8.08	---	---	---	---	---	---	---	---	
		3/24/1999	10.81	<50	<2.4	---	<0.5	0.55	<0.5	<1.5	<2.5	---	---	---	---	---	---	---	---	
		5/29/1999	13.42	<50	9.93	---	0.84	<0.5	<0.5	<1.5	9.93	---	---	---	---	---	---	---	---	
		9/4/1999	15.26	<50	15.9	---	2.05	<0.5	<0.5	<1.5	15.90	---	---	---	---	---	---	---	---	
		11/16/1999	12.1	<50	19.5	---	<0.5	<0.5	<0.5	<1.5	19.5	---	---	---	---	---	---	---	---	
		10/2/2000	14.48	<50	31.7	---	37	3.25	<0.5	<1.5	31.7	---	---	---	---	---	---	---	---	
		12/17/2000	13.74	62.6	46.6	---	88	7.24	<0.5	1.67	46.6	---	---	---	---	---	---	---	---	
		3/25/2001	14.01	<50	40.6	---	80	6.72	<0.5	5.24	40.6	---	---	---	---	---	---	---	---	
		6/10/2001	13.35	<50	39	---	73	4.7	<0.5	4.62	36.4	---	---	---	---	---	---	---	---	
		9/9/2001	14.58	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		11/30/2001	11.48	254	42	---	90	15.2	2.46	16.3	42.3	---	---	---	---	---	---	---	---	
		2/20/2002	13.52	<50	18	---	22	3.1	0.51	3.1	18	---	---	---	---	---	---	---	---	
		5/22/2002	15.59	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		11/24/2002	14.15	550	27	---	180	2.3	28	120	27	---	---	---	---	---	---	---	---	
		5/7/2003	13.32	1,300	<250	<250	78	41	43	190	20	---	---	---	---	---	---	---	---	
		11/13/2003	14.08	1,100	250	<250	82	31	38	140	21	---	---	---	---	---	---	---	---	
		8/16/2004	15.8	6,710	---	---	191	555	130	626	---	---	---	---	---	---	---	---	---	
		3/27/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	
	MW-10 GW-L	7/16/2015	11.62	<100	<50	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
	MW-10 GW-H	7/22/2015	11.52	<100	110 X	<250	<0.35	<1	<1	<3	1.2	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
		12/12/2016	12.33	1,170	<49.5	<99.1	30.6	58	41.3	90.9	<1	<0.00987	<1	<1	2.6	<0.0987	<0.0987	<5	<5	
	Decommissioned 12/13/2016																			

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)
				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15
(units in µg/L)																			
MW-11	MW-11	9/5/1997	14.59	77.2	376	---	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---
		3/18/1998	11.06	<50	---	---	<0.5	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---
		6/19/1998	13.56	<50	6.79	---	<0.5	<0.5	<0.5	<1.5	6.79	---	---	---	---	---	---	2.89	---
		9/2/1998	10.88	<50	44.3	---	31.2	<0.5	<0.5	<1.5	44.30	---	---	---	---	---	---	---	---
		11/24/1998	11.93	<50	16.7	---	13.5	0.546	<0.5	2.91	16.70	---	---	---	---	---	---	---	---
		3/24/1999	10.43	<50	11.2	---	3.97	<0.5	<0.5	<1.5	11.20	---	---	---	---	---	---	---	---
		5/29/1999	9.92	<50	32.7	---	<0.5	<0.5	<0.5	<1.5	32.70	---	---	---	---	---	---	---	---
		9/4/1999	10.95	<50	48.2	---	<0.5	<0.5	<0.5	<1.5	48.20	---	---	---	---	---	---	---	---
		11/16/1999	8.31	<50	44.8	---	<0.5	<0.5	<0.5	<1.5	44.80	---	---	---	---	---	---	---	---
		10/2/2000	15.05	<50	35	---	<0.5	<0.5	<0.5	<1.5	31.60	---	---	---	---	---	---	---	---
		12/17/2000	12.99	<50	9.11	---	<0.5	<0.5	<0.5	<1.5	9.11	---	---	---	---	---	---	---	---
		3/25/2001	12.16	<50	5.12	---	<0.5	0.64	<0.5	1.51	5.01	---	---	---	---	---	---	---	---
		6/10/2001	12.11	<50	7.3	---	<0.5	<0.5	<0.5	<1	6.64	---	---	---	---	---	---	---	---
		9/9/2001	14.58	<50	27.8	---	<0.5	<0.5	<0.5	<1	27.80	---	---	---	---	---	---	---	---
		11/30/2001	9.81	<50	<0	---	<0.5	<0.5	<0.5	<1	<1.0	---	---	---	---	---	---	---	---
		2/20/2001	9.22	<50	<2.5	---	<0.5	<0.5	<0.5	<1.5	<2.5	---	---	---	---	---	---	---	---
		5/22/2002	10.72	72	<2.5	---	<0.5	0.87	<0.5	<1.5	<2.5	---	---	---	---	---	---	---	---
		11/24/2002	13.79	50	29	---	0.83	0.57	<0.5	<1.5	30.00	---	---	---	---	---	---	---	---
		5/7/2003	14.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11/13/2003	16.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		8/16/2004	16.15	79,000	---	---	3,340	11,600	2,010	10,600	---	---	---	---	---	---	---	---	---
		11/16/2005	NR**	61,800	20,200	5,790	1,710	10,900	1,930	9,700	---	---	---	---	---	---	---	---	---
		3/27/2008	NR**	10,600	---	---	96.2	97.3	167	985	---	---	---	---	---	---	---	---	---
		7/16/2015	NR**	160	190	---	<0.35	<1	<1	<3	---	---	---	---	---	---	---	---	---
		7/23/2015	NR**	150	420	---	0.42	<1	<1	<3	---	---	---	---	---	---	---	---	---
	MW-11 GW-L	7/16/2015	15.75	160	190 X	<350	<0.35	<1	<1	<3	<1	<0.01	<1	<1	0.24	0.15	0.62	<1	<1
	MW-11 GW-H	7/23/2015	14.47	150	420 X	<250	0.42	<1	<1	<3	1.1	<0.01	<1	1.6	0.20	<0.1	0.37	<1	<1
	MW-11	11/29/2016	10.41	1,930	87.4	102	12.7	1.15	3.69	4.33	<1.00	<0.00995	<1.00	9.45 Q	1.99	0.449	7.39	<0.500	<0.500
	Decommissioned 12/13/2016																		

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Concentration (µg/L)																
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
MW-12																				
	MW-12	9/5/1997	13.75	<50	366	---	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	
		3/18/1998	13.4	<50	---	---	9.52	<0.5	<0.5	<1.5	---	---	---	---	---	---	---	---	---	
		6/19/1998	14.09	<50	47	---	11.3	0.91	<0.5	<1.5	47.0	---	---	---	---	---	---	1.53	---	
		9/2/1998	14.94	<50	146	---	66.2	<0.5	<0.5	1.65	146.0	---	---	---	---	---	---	---	---	
		11/24/1998	11.29	<50	22.4	---	6.05	<0.5	<0.5	<1.5	22.4	---	---	---	---	---	---	---	---	
		3/24/1999	11.46	<50	17.1	---	10.3	1.2	<0.5	1.13	17.10	---	---	---	---	---	---	---	---	
		5/29/1999	12.8	<50	51.3	---	30.9	0.65	<0.5	3.69	51.3	---	---	---	---	---	---	---	---	
		9/4/1999	11.21	<50	132	---	168	15.4	3.46	37.3	132.0	---	---	---	---	---	---	---	---	
		11/16/1999	7.8	1,410	70.7	---	442	360	6.05	123	70.1	---	---	---	---	---	---	---	---	
		10/2/2000	10.97	347	49.8	---	286	49.4	3.91	58.4	49.7	---	---	---	---	---	---	---	---	
		12/17/2000	9.25	284	26	---	190	13.9	3.43	31.3	26.0	---	---	---	---	---	---	---	---	
		3/25/2001	10.11	74.1	18.2	---	24.7	0.998	0.936	5.19	15.30	---	---	---	---	---	---	---	---	
		6/10/2001	9.73	<50	17	---	24.3	5.33	0.54	4.05	16.00	---	---	---	---	---	---	---	---	
		9/9/2001	10.03	78.5	15.4	---	15.7	5.04	0.95	9.18	15.40	---	---	---	---	---	---	---	---	
		11/30/2001	8.43	<50	4.95	---	5.11	<0.5	<0.5	1.27	4.95	---	---	---	---	---	---	---	---	
		2/20/2001	8.22	<50	<2.5	---	<0.5	<0.5	<0.5	<1.5	<2.5	---	---	---	---	---	---	---	---	
		5/22/2002	8.95	110	<2.5	---	<0.5	0.71	<0.5	<1.5	<2.5	---	---	---	---	---	---	---	---	
		11/24/2002	9.86	1,200	11	---	98	5.50	47	150	12.00	---	---	---	---	---	---	---	---	
		5/7/2003	8.72	<50	<250	450	<0.5	<0.5	<0.5	<1.5	<2.5	---	---	---	---	---	---	---	---	
		11/13/2003	9.74	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	<2.5	---	---	---	---	---	---	---	---	
		8/16/2004	9.9	<50	---	---	<0.5	0.935	<0.5	1.89	---	---	---	---	---	---	---	---	---	
		11/16/2005	NR**	<50	<248	<495	<0.500	<0.500	<0.500	<1	---	---	---	---	---	---	---	---	---	
		3/27/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	
	MW-12 Dup	3/27/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	
	MW-12 GW-L	7/16/2015	11.31	<100	<50	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
	MW-12 GW-H	7/22/2015	11.2	240	430 X	<250	<0.35	1.7	<1	<3	<1	<0.01	<1	2.0	0.15	0.31	0.34	3.15	<1	
	MW-12	11/29/2016	7.91	<50.0	<49.6	<99.3	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00998	<1.00	<1.00	<0.0997	<0.0997	<0.0997	<0.500	<0.500	
	Decommissioned 12/13/2016																			
MW-13																				
	MW-13	8/16/2004	16.71	14,400	---	---	3,850	138.0	332	1,150	---	---	---	---	---	---	---	---	---	
		11/16/2005	NR**	12,600	1,120	<495	3,360	302	411	625	---	---	---	---	---	---	---	---	---	
		5/8/2006	NR**	<100	---	---	<1.0	<1.0	<1.0	3.3	---	---	---	---	---	---	---	---	---	
		3/27/2008	NR**	<100	---	---	28.5	3.3	<1	3.9	---	---	---	---	---	---	---	---	---	
	MW-13 GW-L	NA	dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	MW-13 GW-H	7/22/2015	14.94	<100	100 X	<250	0.39	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	0.22	<1	<1	
	MW-24 GW-H	7/22/2015	14.94	220	130 X	<250	47	<1	<1	<3	<1	<0.01	<1	<1	<0.1	0.19	0.5	<1	<1	
	MW-13	11/29/2016	12.43	364	<49.9	<99.8	82.1 D	<1.00	<1.00	1.33	<1.00	<0.00993	<1.00	15.1 Q	<0.0999	0.335	0.321	<0.500	<0.500	
	Decommissioned 12/14/2016																			

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Gasoline Range Organics		Diesel Range Organics		Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)
				800(a)/1,000(b)	500	500	1.6														
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15		
(units in µg/L)																					
MW-14	MW-14	8/16/2004	17.9	175,000	---	---	8,820	31,700	4,010	21,300	---	---	---	---	---	---	---	---	---	---	---
	MW-14 GW-L	7/17/2015	17.30	270	580 X	<250	1.4	3.6	<1	2.6	<1	0.21	<1	4.2	<0.1	<0.1	<0.1	<1	<1		
	MW-14 GW-H	7/24/2015	15.84	230	510 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	3.7	0.17	0.21	0.25	1.94	<1	<1	
	MW-14	11/29/2016	13.69	2,220 E	102	<99.0	25.7	14.3	3.69	5.51	<1.00	<0.00980	<1.00	40.5 DQ	0.902	4.12	3.53	<0.0500	<0.500		
	MW-A (MW-14 Dup) Decommissioned 12/13/2016	11/29/2016	13.69	3,210 E	111	<99.0	27.0	20.3 JD	4.99	18.18 JD	<1.00	<0.00989	<1.00	90.2 DQ	0.980	4.38	3.73	<0.500	<0.500		
B-11	B-11	3/1/2005	NR**	<50	500	---	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---
MW-15	MW-15	5/8/2006	NR**	28	---	---	1,600	7,900	1,300	7,000	---	---	---	---	---	---	---	---	---	---	---
	MW-15 GW-L	7/20/2015	11.17	46,000	7,200 X	390 X	5,900	2,000	2,500	6,000	1.5	<0.01	<1	18	220	33	24	<1	<1		
	MW-24 GW-L	7/20/2015	11.17	52,000	8,500 X	520 X	6,600	1,800	2,900	7,100	1.6	<0.01	<1	32	340	63	42	<1	<1		
	MW-15 GW-H Decommissioned 12/13/2016	7/24/2015	11.18	120,000	9,600 X	350 X	9,100	13,000	4,200	19,900	<10	<0.01	<5	46	450	85	54	<1	<1		
MW-16	MW-16	11/16/2005	NR**	<50	<248	<495	0.741	0.886	<0.500	2.05	---	---	---	---	---	---	---	---	---	---	---
		3/27/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	---	---
	MW-16 GW-L	7/16/2015	11.98	<100	58 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1		
	MW-22 GW-L	7/16/2015	11.98	<100	92 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1		
	MW-16 GW-H Decommissioned 12/14/2016	7/22/2015	11.56	<100	110 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1		
	MW-16	11/29/2016	13.35	17,400 D	316	<99.5	58.2 D	1,530 D	664 D	3,610 DE	<1.00	<0.00994	<1.00	57.8 Q	164 D	28.9 D	18.1 D	<0.500	<0.500		
MW-17	MW-17	11/16/2005	NR**	<50	<243	<485	1.51	1.42	0.578	3.21	---	---	---	---	---	---	---	---	---	---	---
		4/11/2008	NR	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	---	---
	MW-17 GW-L	7/14/2015	14.95	<100	62 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.05	<0.05	<0.05	<1	<1		
	MW-17 GW-H	7/20/2015	14.89	<100	150 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1		
	MW-17 Decommissioned 12/12/2016	12/6/2016	12.73	192	<50.3	<101	8.94	<1.00	2.05	15.65	<1.00	<0.00997	<1.00	<1.00	5.53	0.113 Q	<0.0998	<0.500	<0.500		
MW-18	MW-18	4/18/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	---	---
	MW-18 GW-L	7/15/2015	12.38	<100	<50	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.05	<0.05	<0.05	<1	<1		
	MW-18 GW-H	7/21/2015	12.57	<100	66 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1		
	MW-18	11/30/2016	7.88	<50.0	<49.6	<99.3	1.01	<1.00	1.19	<1.00	<1.00	<0.00970	<1.00	<1.00	<0.0994	<0.0994	<0.0994	<0.500	<0.500		
	MW-18-3232017	3/23/2017	6.96	<50.0	<50.0	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00979	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500		
	MW-18-7272017	7/27/2017	8.96	<50.0	<50.0	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00955	<1.00	---	<0.0999	<0.0999	<0.0999	0.501	<0.500		
	MW-18-1052017	10/5/2017	9.8	<50.0	<49.8	<99.6	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00950	<1.00	<1.00	<0.0997	<0.0997	<0.0997	<0.500	<0.500		
	MW-18	1/16/2018	7.79	<50.0	---	---	<1.00	<1.00	<1.00	<1.00	---	---	---	---	---	---	---	---	---	---	---
MW-18	5/25/2018	8.62	<50.0	---	---	<1.00	<1.00	<1.00	<1.00	---	<0.00975	---	---	---	---	---	---	---	---	---	---

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Concentration (µg/L)																
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
MW-19																				
	MW-19	4/18/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	
	MW-19 GW-L	7/15/2015	17.95	<100	74 X	<350	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	2.31	<1	
	MW-19 GW-H	7/21/2015	12.57	<100	74 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
	MW-19	11/30/2016	11.5	<50.0	<49.9	<99.7	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00983	<1.00	<1.00	<0.0994	<0.0994	<0.0994	<0.500	<0.500	
	MW-19-3232017	3/23/2017	10.31	<50.0	<49.6	<99.2	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00961	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-19-7272017	7/27/2017	10.64	<50.0	<50.1	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00977	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-19-1052017	10/5/2017	13.58	<50.0	<49.7	<99.4	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00985	<1.00	<1.00	<0.0988	<0.0988	<0.0988	1.33	<0.500	
MW-20																				
	MW-20	4/18/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	
	MW-20 GW-L	7/15/2015	18.36	<100	<50	<250	<0.35	<1	<1	<3	1.4	<0.01	<1	<1	<0.05	<0.05	<0.05	<1	<1	
	MW-20 GW-H	7/21/2015	14.88	<100	92 X	<250	<0.35	<1	<1	<3	1.6	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
	MW-20	11/30/2016	11.43	<50.0	<49.8	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00973	<1.00	<1.00	<0.0995	<0.0995	<0.0995	<0.500	<0.500	
	MW-20-3232017	3/23/2017	11.89	<50.0	<49.7	<99.4	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00969	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-20-7272017	7/27/2017	12.35	<50.0	<50.1	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00993	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-20-1042017	10/4/2017	14.16	<50.0	<49.7	<99.4	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00991	<1.00	<1.00	0.119	<0.0998	<0.0998	<0.500	<0.500	
MW-21																				
	MW-21	4/18/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	
	MW-21 Dup	4/18/2008	NR**	<100	---	---	<1	<2	<1	<3	---	---	---	---	---	---	---	---	---	
	MW-21 GW-L	7/15/2015	21.27	<100	220 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.05	<0.05	<0.05	<1	<1	
	MW-21 GW-H	7/21/2015	14.47	<100	260 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	1.14	<1	
	MW-21 GW-H Dup	7/21/2015	14.47	<100	260 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
	MW-21	11/30/2016	12	<50.0	<49.8	210	2.61	<1.00	<1.00	<1.00	<1.00	0.00973	<1.00	<1.00	<0.0992	<0.0992	<0.0992	0.986	<0.500	
	MW-21-3232017	3/23/2017	12.67	<50.0	<49.9	<99.9	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00980	<1.00	---	<0.0996	<0.0996	<0.0996	4.96	<0.500	
	MW-21-7272017	7/27/2017	12.35	<50.0	<50.1	331	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00983	<1.00	---	<1.00	<1.00	<1.00	<0.500	<0.500	
	MW-21-1052017	10/5/2017	13.65	<50.0	<49.3	<98.7	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00993	<1.00	<1.00	<0.0993	<0.0993	<0.0993	<0.500	<0.500	
	MW-21	1/16/2018	11.80	<50.0	<49.8	<99.7	<1.00	<1.00	<1.00	<1.00	---	---	---	---	---	---	---	---	---	
	MW-21	5/25/2018	14.04	<50.0	<49.5	<98.9	<1.00	<1.00	<1.00	<1.00	---	<0.00993	---	---	---	---	---	---	---	
MW-22																				
	MW-22	12/6/2016	7.09	<50.0	<50.4	197	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00981	<1.00	<1.00	<0.0996	<0.0996	<0.0996	<0.500	<0.500	
	MW-22-3232017	3/23/2017	8.92	<50.0	<49.8	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.0100	<1.00	---	<0.0996	<0.0996	<0.0996	<0.500	<0.500	
	MW-22-7262017	7/26/2017	10.55	<50.0	<50.2	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00978	<1.00	---	<0.0997	<0.0997	<0.0997	0.761	<0.500	
	MW-22-1052017	10/5/2017	11.16	<50.0	<49.6	<99.3	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00983	<1.00	<1.00	<0.0986	<0.0986	<0.0986	<0.500	<0.500	
	MW-22	1/12/2018	9.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
MW-23																				
	MW-23	12/6/2016	10.3	848	94.2	<100	19.8	<1.00	<1.00	133.5 D	<1.00	<0.00999	<1.00	<1.00	30.6 E	0.615 Q	0.653	<0.500	<0.500	
	MW-C (MW-23 Dup)	12/6/2016	10.3	1,080	87.3	<100	25.1	<1.00	<1.00	165.8 D	<1.00	<0.00979	<1.00	<1.00	27.1 E	0.531 Q	0.564	<0.500	<0.500	
	MW-23-3232017	3/23/2017	8.63	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00983	<1.00	---	<0.0999	<0.0999	<0.0999	<0.500	<0.500	
	MW-23-7262017	7/26/2017	10.36	<50.0	<49.7	<99.5	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00995	<1.00	---	<0.0996	<0.0996	<0.0996	0.686	<0.500	
	MW-23-1052017	10/5/2017	11.08	<50.0	<49.5 FLAG	<99.0	<1.00	<1.00	<1.00	1.27	<1.00	<0.00997	<1.00	<1.00	0.169	<0.0997	<0.0997	<0.500	<0.500	
	MW-23	1/12/2018	9.38	<50.0	<50.0	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.250	<1.00	---	<1.00	---	---	---	<0.500	
	MW-23	5/25/2018	10.04	<50.0	<50.0	<99.9	<1.00	<1.00	<1.00	<1.00	---	<0.00970	---	---	<0.0991	<0.0991	<0.0991	0.688	<0.500	

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)																	
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
(units in µg/L)																				
MW-24	MW-24	12/6/2016	10.34	<50.0	<50.2	328	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00993	<1.00	<1.00	<0.0996	<0.0996	<0.0996	0.606	<0.500	
	MW-24-3232017	3/23/2017	8.73	<50.0	<49.7	307	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00965	<1.00	---	<0.0999	<0.0999	<0.0999	0.956	<0.500	
	MW-24-7272017	7/27/2017	10.71	<50.0	73.6	313	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00986	<1.00	---	---	---	---	2.55	<0.500	
	MW-24-1052017	10/5/2017	11.69	<50.0	63.6 FLAG	<122	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00945	<1.00	<1.00	<0.100	<0.100	<0.100	---	---	
	MW-24	1/11/2018	8.89	<50.0	<49.9	117	<1.00	<1.00	<1.00	<1.00	<1.00	<0.250	<1.00	---	<0.100	---	---	---	---	
	MW-24	5/25/2018	11.99	<50.0	---	---	<1.00	<1.00	<1.00	<1.00	---	<0.00995	---	---	---	---	---	---	---	
MW-24D	MW-24D	1/12/2018	10.34	841	<50.0	<99.9	9.29	1.37	<1.00	6.15	<1.00	<0.250	<1.00	---	1.42	---	---	<0.500	---	
	MW-24D	5/25/2018	15.15	481	<50.0	<99.9	33.5	1.38	<1.00	4.22	---	<0.00991	---	---	<0.0998	<0.0998	0.110	<0.500	<0.500	
MW-25	MW-25	12/6/2016	8.94	<50.0	<49.8	128	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00984	<1.00	<1.00	<0.0994	<0.0944	<0.0944	2.21	<0.500	
	MW-25-3232017	3/23/2017	7.38	<50.0	<49.9	<99.7	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00967	<1.00	---	<0.0998	<0.0998	<0.0998	0.568	<0.500	
	MW-25-7262017	7/26/2017	9.31	<50.0	<50.3	<101	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00993	<1.00	---	<0.0999	<0.0999	<0.0999	0.573	<0.500	
	MW-25-1052017	10/5/2017	10.33	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.009987	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-25	1/12/2018	8.32	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
MW-26S	MW-26	11/30/2016	8.09	<50.0	<49.8	<99.6	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00996	<1.00	<1.00	<0.0993	<0.0993	<0.0993	2.15	<0.500	
	MW-26S-3242017	3/24/2017	6.92	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00989	<1.00	---	<0.0995	<0.0995	<0.0995	1.48	<0.500	
	MW-26S-7262017	7/26/2017	8.98	<50.0	<50.2	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00976	<1.00	---	<0.0997	<0.0997	<0.0997	0.800	<0.500	
	MW-26S-1042017	10/4/2017	9.57	<50.0	<49.6	<99.2	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00971	<1.00	<1.00	<0.0999	<0.0999	<0.0999	<0.500	<0.500	
	MW-26S	1/11/2018	7.27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
MW-26D	MW-26D	11/30/2016	12.19	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00997	<1.00	<1.00	<0.0997	<0.0997	<0.0997	0.0633	<0.500	
	MW-26D-3242017	3/24/2017	12.24	<50.0	<49.6	<99.1	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00952	<1.00	---	<0.0998	<0.0998	<0.0998	4.48	<0.500	
	MW-26D-7262017	7/26/2017	13.49	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00976	<1.00	---	<0.0997	<0.0997	<0.0997	0.800	<0.500	
	MW-26D-1042017	10/4/2017	14.66	<50.0	<50.0	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.0100	<1.00	<1.00	<0.0989	<0.0989	<0.0989	0.729	<0.500	
	MW-26D	1/11/2018	11.46	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
MW-27S	MW-27S	11/28/2016	8.25	<50.0	<50.1	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00987	<1.00	<1.00	<0.0997	<0.0997	<0.0997	<0.500	<0.500	
	MW-27S-3242017	3/24/2017	7.23	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00994	<1.00	---	<0.0996	<0.0996	<0.0996	10.4	<0.500	
	MW-27S-7262017	7/26/2017	9.08	<50.0	<50.2	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00971	<1.00	---	<0.0993	<0.0993	<0.0993	0.535	<0.500	
	MW-27S-1042017	10/4/2017	9.68	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00997	<1.00	<1.00	<0.0995	<0.0995	<0.0995	1.38	<0.500	
	MW-27S	1/16/2018	8.05	<50.0	<49.9	<99.9	<1.00	<1.00	<1.00	<1.00	---	---	---	---	---	---	---	---	---	
	MW-27S	5/25/2018	8.27	<50.0	<49.8	<99.6	<1.00	<1.00	<1.00	<1.00	---	<0.00989	---	---	---	---	---	---	---	
MW-27D	MW-27D	11/28/2016	11.48	<50.0	<50.0	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00990	<1.00	<1.00	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-27D-3242017	3/24/2017	11.94	165	<50.0	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00993	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-27D-7262017	7/26/2017	13.44	384	<50.4	<101	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00988	<1.00	---	<0.0993	<0.0993	<0.0993	0.589	<0.500	
	MW-27D-1042017	10/4/2017	15.39	268	<49.8	<99.6	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00997	<1.00	32.3	<0.0985	<0.0985	<0.0985	<0.500	<0.500	
	DUP-2	1/16/2018	12.04	696	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.250	<1.00	---	<1.00	---	---	---	<0.500	
	MW-27D	1/16/2018	12.04	723	<49.8	<99.5	<1.00	<1.00	<1.00	<1.00	---	---	---	---	---	---	---	---	---	
	MW-A (dup)	5/25/2018	13.98	499	<49.8	<99.6	<1.00	<1.00	<1.00	<1.00	---	<0.00976	---	---	---	---	---	---	---	
	MW-27D	5/25/2018	13.98	663	<50.0	<100	<1.00	<1.00	<1.00	<1.00	---	<0.00967	---	---	---	---	---	---	---	

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Concentration Limits (µg/L)																
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
(units in µg/L)																				
MW-28S	MW-28S	11/28/2016	8.14	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00978	<1.00	<1.00	<0.100	<0.100	<0.100	<0.500	<0.500	
	MW-28S-3242017	3/24/2017	6.66	<50.0	<49.9	<99.9	<1.00	<1.00	<1.00	<1.00	<1.00	<0.0100	<1.00	---	<0.0999	<0.0999	<0.0999	<0.500	<0.500	
	MW-28S-7262017	7/26/2017	8.54	<50.0	<50.3	<101	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00925	<1.00	---	<0.0999	<0.0999	<0.0999	<0.500	<0.500	
	MW-28S-1042017	10/4/2017	9.51	<50.0	<49.3	<98.6	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00997	<1.00	<1.00	<0.0985	<0.0985	<0.0985	<0.500	<0.500	
	MW-28S	1/11/2018	7.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-28D	MW-28D	11/28/2016	12	<50.0	<49.5	<99.1	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00995	<1.00	<1.00	<0.100	<0.100	<0.100	<0.500	<0.500	
	MW-28D-3242017	3/24/2017	11.93	<50.0	<49.7	<99.4	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00989	<1.00	---	<0.0993	<0.0993	<0.0993	<0.500	<0.500	
	FD-2 (MW-28D Dup)	3/24/2017	11.93	<50.0	<49.7	<99.5	<1.00	<1.00	<1.00	2.19	<1.00	<0.00984	<1.00	---	<0.0995	<0.0995	<0.0995	<0.500	<0.500	
	MW-28D-7262017	7/26/2017	13.34	<50.0	<49.9	<99.8	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00982	<1.00	---	<0.0998	<0.0998	<0.0998	<0.500	<0.500	
	MW-28D-1042017	10/4/2017	15.44	<50.0	<49.6	<99.1	<1.00	<1.00	<1.00	<1.00	<1.00	<0.00993	<1.00	<1.00	<0.0996	<0.0996	<0.0996	0.872	<0.500	
	MW-28D	1/11/2018	12.29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-29S	MW-29S	1/16/2018	9.78	113	<49.9	<99.8	<1.00	<1.00	<1.00	13.8	<1.00	<0.250	<1.00	---	1.67	---	---	---	<0.500	
	MW-29S	5/29/2018	10.6	130	<49.9	<99.7	<1.00	<1.00	<1.00	8.80	---	<0.00990	---	---	0.576	<0.0996	<0.0996	<0.500	<0.500	
MW-29D	MW-29D	1/12/2018	13.42	<50.0	<50.0	<100	<1.00	<1.00	<1.00	<1.00	<1.00	<0.250	<1.00	---	<1.00	---	---	<0.500	---	
	MW-29D	5/29/2018	16.73	<50.0	<50.0	<100	<1.00	<1.00	<1.00	<1.00	---	<0.00992	---	---	<0.0991	<0.0991	<0.0991	2.48	<0.500	
MW-30	MW-30	1/12/2018	13.09	719	<49.9	<99.9	53.6	1.87	<1.00	12.1	<1.00	<0.250	61.0	---	<1.00	---	---	<0.500	---	
	MW-30	5/25/2018	16.94	311	<49.9	<99.7	55.5 D	1.41	<1.00	7.53	---	<0.00999	---	---	<0.0996	<0.0996	<0.0996	0.687	<0.500	
EW-1	EW-1	4/4/2008	NR**	11,000	---	---	435	493	276	920	---	---	---	---	---	---	---	---	---	
	EW-1 GW-L	7/17/2015	11.42	26,000	7,400 X	300 X	2,800	360	1,300	2,660	1.1	<0.01	<1	20	270	110	76	<1	<1	
	EW-1 GW-H	7/23/2015	11.62	38,000	9,900 X	340 X	3,100	1,300	1,900	6,100	<10	<0.01	<5	26	370	130	85	<1	<1	
	Decommissioned 12/14/2016																			
EW-2	EW-2 GW-L	NA	dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	EW-2 GW-H Dup	7/22/2015	11.58	16,000	2,300 X	<250	1,600	1,500	540	1,820	<10	<0.01	<5	<10	59	17	15	<1	<1	
	EW-2 GW-H	7/22/2015	11.58	16,000	2,700 X	<250	1,800	1,700	560	1,940	<10	<0.01	<5	<10	62	15	16	<1	<1	
Decommissioned 12/8/2016																				
EW-3	EW-3 GW-L	7/17/2015	11.75	<100	61 X	<300	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
	EW-3 GW-H	7/22/2015	11.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Decommissioned 12/8/2016																				
EW-4	EW-4	4/4/2008	NR**	130	---	---	26.3	<2	<1	5.6	---	---	---	---	---	---	---	---	---	
	EW-4 GW-L	7/16/2015	12.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	EW-4 GW-H	7/21/2015	12.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	Decommissioned 12/8/2016																			

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Concentration (µg/L)																
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
EW-5																				
	EW-5	4/11/2008	NR**	1,420	---	---	130	3.6	74	173	---	---	---	---	---	---	---	---	---	
	EW-5 Dup	4/11/2008	NR**	1,420	---	---	129	3.5	83.2	166	---	---	---	---	---	---	---	---	---	
	EW-5 GW-L	7/16/2015	13.72	<100	250 X	<350	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	0.30	0.24	<1	<1	
	EW-5 GW-H	7/22/2015	13.2	160	420 X	<250	<0.35	<1	<1	<3	<1	<0.01	<1	<1	<0.1	0.90	0.65	<1	<1	
	Decommissioned 12/8/2016																			
EW-6																				
	EW-6	4/4/2008	NR**	<100	---	---	14.8	2.6	1.8	7.1	---	---	---	---	---	---	---	---	---	
	EW-6 GW-L	7/16/2015	15.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	EW-6 GW-H	7/23/2015	13.5	<100	84 X	<250	<0.35	1.2	<1	3.7	<1	<0.01	<1	<1	<0.1	<0.1	<0.1	<1	<1	
	Decommissioned 12/12/2016																			
EW-7																				
	EW-7	4/4/2008		2,460	---	---	16.8	98.8	<1	270	---	---	---	---	---	---	---	---	---	
	EW-7 Dup	4/4/2008		2,510	---	---	16.3	93.6	<1	255	---	---	---	---	---	---	---	---	---	
	EW7 GW-L	7/20/2015	16.63	24,000	1,500 X	<250	420	2,700	750	3,710	<10	<0.05	<5	150	61	28	17	<1	<1	
	EW-23 GW-L	7/20/2015	16.63	26,000	1,700 X	<250	380	2,400	750	3,470	<10	0.33	<5	160	53	25	14	<1	<1	
	EW-7 GW-H	7/23/2015	14.96	19,000	1,700 X	<250	270	1,700	520	2,610	<10	0.23	<5	160	35	28	15	<1	<1	
	Decommissioned 12/12/2016																			
EW-8																				
	EW-8 GW-L	7/16/2015	17.55	6,400	1,200 X	<250	910	390	170	810	<10	0.11	<10	<10	19	4.4	5.7	<1	<1	
	EW-8 GW-H	7/21/2015	15	9,300	1,500	<250	1100	770	290	1,240	<10	0.16	<5	<10	29	6.3	6.4	<1	<1	
	Decommissioned 12/12/2016																			
EW-9																				
	EW-9 GW-L	7/17/2015	16.38	62,000	710 X	<250	4,100	13,000	1,200	6,100	2.1	0.37	<1	180	14	5.2	2.9	<1	<1	
	EW-9 GW-H	7/23/2015	14.89	35,000	590 X	<250	2,300	7,400	700	3,410	<10	0.84 D	<5	220	2.2	1.6	0.90	<1	<1	
	Decommissioned 12/12/2016																			
IP-3																				
	IP-3	5/8/2006	NR**	28	---	---	1,800	13,000	1,400	8,300	---	---	---	---	---	---	---	---	---	
		3/27/2008	NR**	62,900	---	---	6,120	8,850	968	4,420	---	---	---	---	---	---	---	---	---	
	IP-3 GW-L	7/17/2015	17.44	4,200	460 X	<250	1,200	11	70	38.5	1.2	0.10	<1	38	28	13	8.7	<1	<1	
	IP-3 GW-H	7/23/2015	14.97	4,700	510 X	<250	1,300	13	71	41.0	<10	0.04	<5	35	3.1	7.7	5.5	<1	<1	
	IP-3-3232017	3/23/2017	12.96	4,840 D	<49.9	<99.8	783 D	105 D	127 D	139 D	<1.00	<0.00976	<1.00	---	2.52	6.09	3.30	<0.500	<0.500	
	IP-3-7272017	7/27/2017	14.16	5,800 D	<50.2	<100	862 D	20.5	136 D	61.6 D	<1.00	<0.00952	<1.00	---	0.789	6.10	3.56	<0.500	<0.500	
	IP-3-1042017	10/4/2017	15.32	3,740 D	<50.3	<101	1,270 D	80.7	214 D	458.3 D	<1.00	<0.0100	<1.00	72.7 D	1.37	6.5	4.13	<0.500	<0.500	
	DUP	1/12/2018	12.01	4,980 D	77.7	<99.9	950 D	45.7 D	100 D	91.62 D	<1.00	<0.250	<1.00	---	8.77	---	---	---	<0.500	
	IP-3	1/12/2018	12.01	4,610 D	74.3	<99.6	895 D	42.9 D	94.3 D	88.93 D	<1.00	<0.250	<1.00	---	15.7	---	---	---	---	
	MW-B (dup)	5/29/2018	14.55	4,520 D	<49.8	<99.6	832 D	31.4 D	101 D	114.21 D	---	<0.00981	---	---	2.56	9.79	5.38	---	---	
	IP-3	5/29/2018	14.55	4,870 D	<49.9	<99.8	971 D	34.5 D	106 D	107.29 D	---	<0.00984	---	---	2.37	9.85 D	5.57	---	---	

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	MTCA Cleanup Level (2, 3)																
				Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)	
(units in µg/L)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15	
IP-4	IP-4	5/8/2006	NR**	110	---	---	15,000	48,000	3,700	23,000	---	---	---	---	---	---	---	---	---	
		3/27/2008	NR**	84,400	---	---	14,600	22,100	4,920	17,600	---	---	---	---	---	---	---	---	---	
	IP-4 GW-L	7/17/2015	11.41	170,000	6,800 X	<250	4,100	29,000	4,800	26,900	1.4	0.12	<1	87	550	96	56	<1	<1	
	IP-4 GW-H	7/24/2015	11.46	150,000	8,700 X	<250	4,200	27,000	4,300	24,400	<10	0.04	<5	64	440	82	47	<1	<1	
	IP-4	11/30/2016	10.1	93,400 D	1,410	<99.6	1,070 D	15,600 D	3,300 D	19,950 D	<1.00	<0.00986	<1.00	127 EQ	504 D	85.2 D	47.3 D	0.974	<0.500	
	IP-4-3232017	3/23/2017	8.01	209,000 D	1,570	<99.6	1,360 D	16,200 D	5,090 D	30,440 D	<1.00	<0.00953	<1.00	---	757 D	119 D	66.6 D	<0.500	<0.500	
	IP-4-7272017	7/27/2017	9.96	213,000 D	1,180	<99.4	1,170 D	19,600 D	5,500 D	19,200 D	<1.00	<0.00971	<1.00	---	447 D	80.8 D	37.6 D	<0.500	<0.500	
	IP-4-1042017	10/4/2017	10.75	212,000 D	1,110	<101	2,030 D	18,400 D	5,320 D	25,190 D	<1.00	<0.00960	<1.00	48.0	604 D	89.9 D	71.3 D	0.546	<0.500	
	IP-4	1/12/2018	9.23	162,000 D	1,250	<99.9	939 D	18,600 D	5,180 D	27,980 D	<1.00	<0.250	<1.00	---	1,150 D	---	---	---	---	
	IP-4	5/29/2018	9.67	199,000 D	1,250	138	687 D	17,200 D	6,090 D	32,200 D	---	<0.00998	---	---	661 D	101 D	<0.0999	---	---	
IP-5	IP-5	5/9/2006	NR**	48	---	---	2,100	18,000	3,500	20,000	---	---	---	---	---	---	---	---	---	
		3/27/2008	NR**	13,300	---	---	711	1,260	363	1,370	---	---	---	---	---	---	---	---	---	
	IP-5 GW-L	7/20/2015	16.58	35,000	3,900 X	<250	5,200	1,400	2,400	2,800	<10	0.32	<5	160	90	15	15.0	1.02	<1	
	IP-5 GW-H	7/24/2015	15.5	27,000	2,700 X	<250	4,500	1,100	2,200	2,580	<10	0.24	<5	170	86	18	13.0	<1	<1	
	IP-5	11/30/2016	13	15,200 D	321	<99.1	3,450 DE	212 D	774 D	1,789 D	<1.00	<0.00987	<1.00	57.1 DQ	108 D	33.7 D	19.5 D	<0.500	<0.500	
	MW-B (IP-5 Dup)	11/30/2016	13	15,400 D	313	<99.1	3,440 DE	256 D	795 D	1,824 D	<1.00	<0.00996	<1.00	63.1 DQ	104 D	31.6 D	18.4 D	<0.500	<0.500	
	IP-5-3232017	3/23/2017	13.8	18,400 D	209	<99.2	1,740 D	141 D	665 D	1,637 D	<1.00	<0.00980	<1.00	---	60.4 D	25.1 D	15.1 D	<0.500	<0.500	
	FD-1 (IP-5 Dup)	3/23/2017	13.8	15,700 D	273	<99.9	1,420 D	136 D	670 D	1,634 D	<1.00	<0.00981	<1.00	---	73.4 D	27.6 D	18.4 D	0.785	<0.500	
	IP5-7262017	7/27/2017	13.76	15,800 D	102	<99.9	1,660 D	164 D	491 D	936 D	<1.00	<0.00993	<1.00	---	38.0 D	28.4 D	12.0 D	<0.500	<0.500	
	IP-5-1042017	10/4/2017	16.17	30,700 D	175	<100	4,360 D	583 D	1,060 D	2,792 D	<1.00	<0.00971	<1.00	137	81.4 D	20.7 D	31.2 D	<0.500	<0.500	
	IP-5	1/12/2018	13.42	13,000 D	222	<100	1,500 D	240 D	462 D	1,195 D	<1.00	<0.250	<1.00	---	61.1 D	---	---	---	---	
IP-5	5/29/2018	16.82	10,900 D	161	<100	1,270 D	149 D	415 D	806.6 D	---	<0.00981	---	---	31.6 D	20.3 D	4.57	---	---		

TABLE 5
Groundwater Sample Analyses (1)
Boeing Field Chevron
Tukwila, Washington

DRAFT

Exploration Location	Sample Name	Sample Date	Water Depth (ft)	Gasoline Range Organics	Diesel Range Organics	Heavy Oils	Benzene	Toluene	Ethylbenzene	Xylenes	Methyl Tert-Butyl Ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Hexane	Naphthalene	2-Methylnaphthalene	1-Methylnaphthalene	Lead (Total)	Lead (Dissolved)
MTCA Cleanup Level (2, 3)				800(a)/1,000(b)	500	500	1.6	130	31	1,000	20	0.01	5	**	1.4	32*	1.51*	15	15
(units in µg/L)																			

Notes:

- (1) Refer to site diagram(s) for sampling locations. Refer to laboratory reports for analytical methods.
- (2) Method A groundwater cleanup levels used as surface water cleanup levels per WAC 173-340-730(3)(b)(iii)(C).
- (3) Gasoline Analyses by Method NWTPH-Gx, Diesel and Heavy Oil by NWTPH-Dx/Dx Ext., Lead by EPA 200.8, EDB by EPA 8011, PAH by 8270 (SIM), VOCs by 8260C.
 - a Benzene present in groundwater/site.
 - b Benzene not present in groundwater/site.
 - * Method B Cleanup Level.
 - ** Not researched, no available data.
 - Sample not analyzed.
 - nd Not Detected (Data gathered from historical reports, lab analysis reporting limits not available).
 - NS Sample not collected (Undefined datum from Terracon's 2015 report).
 - NA Not Applicable (Undefined datum from Terracon's 2015 report).
 - NR** Water Level not reported, no available data.
 - Dup Duplicate Sample for QA/QC.
 - D The Sample was diluted. Detection Limits were raised nad surrogate recoveries my not be meaningful.
 - E Value above quantitation range.
 - J Analyte detected below reporting limit.
 - Q Analyte with an initial calibration that does not meet established acceptance criteria.
 - X The sample chromatographic pattern does not resemble the fuel standard used for quantification.
 - <50.0 Sample concentration below laboratory reporting limit.
 - 27** Bold number(s) indicates contaminant detected, below cleanup level.
 - 160** Bold number(s) and yellow shading indicates concentration exceeds MTCA Cleanup Level.
 - <250 Reporting limits exceeds cleanup level.
 - Peach shading indicates most recent sampling event data.

TABLE 6

**Product Thickness and Groundwater Measurements
Boeing Field Chevron
Tukwila, Washington**

Exploration Location (1)	Elevation Top of PVC Casing (ft.)**	Date Measured	Depth to Water	Groundwater Elevation (ft)	Depth to Product	Product Thickness (ft)	Comments
MW-10	20.99	8/22/2006	14.90	6.09	nm	0.00	
		1/4/2007	11.09	9.90	nm	0.00	
		1/25/2007	11.20	9.79	nm	0.00	
		3/27/2008	11.88	9.11	nm	0.00	
		4/18/2008	11.25	9.74	nm	0.00	
		12/12/2016	12.33	8.66	nm	0.00	
MW-11	19.99	7/14/2005	13.61	6.38	nm	0.00	
		7/19/2005	14.75	5.24	nm	0.01	
		1/20/2006	7.6	12.39	nm	0.00	
		1/31/2006	8.38	11.61	nm	0.00	
		4/3/2006	10.06	9.93	nm	0.00	
		5/2/2006	9.86	10.13	nm	0.00	
		8/22/2006	15.95	4.04	nm	0.00	
		10/13/2006	13.82	6.17	nm	0.00	
		1/4/2007	9.51	10.48	nm	0.00	
		1/25/2007	11.93	8.06	nm	0.00	
		2/22/2007	12.31	7.68	nm	0.00	
		3/27/2008	12.75	7.24	nm	0.00	
		4/9/2008	15.52	4.47	nm	0.00	
		4/18/2008	14.11	5.88	nm	0.00	9:12 AM
		4/18/2008	15.24	4.75	nm	0.00	12:20 PM
11/26/2016	10.41	9.58	nm	0.00			
MW-12	19.36	8/22/2006	9.91	9.45	nm	0.00	
		3/27/2008	8.14	11.22	nm	0.00	
		11/26/2016	7.91	11.45	nm	0.00	
MW-13	20.13	7/14/2005	15.10	5.03	nm	0.00	
		7/19/2005	16.30	3.83	nm	0.00	
		1/20/2006	11.10	9.03	nm	0.00	
		1/31/2006	11.15	8.98	nm	0.00	
		5/2/2006	13.80	6.33	nm	0.00	
		5/8/2006	14.91	5.22	nm	0.00	
		8/22/2006	16.50	3.63	nm	0.00	
		1/4/2007	10.91	9.22	nm	0.00	
		1/25/2007	12.93	7.20	nm	0.00	
		3/27/2008	13.48	6.65	nm	0.00	
		11/29/2016	12.43	7.70	nm	0.00	
MW-14	20.94	7/1/2005	18.90	2.04	nm	2.45	
		7/14/2005	17.70	3.24	nm	2.19	
		7/19/2005	17.00	3.94	nm	0.85	
		10/26/2005	16.72	4.22	nm	0.82	
		11/9/2005	15.81	5.13	nm	0.33	
		11/30/2005	15.04	5.90	nm	0.26	
		12/7/2005	14.25	6.69	nm	0.31	
		12/14/2005	14.23	6.71	nm	0.34	
		1/20/2006	12.30	8.64	nm	0.46	
		1/31/2006	12.11	8.83	nm	0.01	
		4/3/2006	14.48	6.46	nm	2.25	
		5/2/2006	14.80	6.14	nm	0.59	
		5/8/2006	16.19	4.75	nm	0.56	
		8/22/2006	17.51	3.43	nm	0.02	Brown Product, not transparent
		10/13/2006	16.40	4.54	14.51	1.89	
		1/4/2007	12.20	8.74	11.29	0.91	
		1/25/2007	16.59	4.35	13.02	3.57	
		2/22/2007	13.99	6.95	13.95	0.04	
		3/7/2007	15.43	5.51	15.38	0.05	
		5/1/2007	15.07	5.87	nm	0.00	
		10/1/2007	16.07	4.87	13.79	2.28	
10/23/2007	17.17	3.77	14.65	2.52			
2/20/2008	---	---	14.84	0.20	Interface measurement approximate		
2/21/2008	14.71	6.24	14.70	0.01	Measured after removing absorbent		
2/25/2008	16.43	4.51	16.39	0.04	Measured after removing absorbent		
2/26/2008	14.43	6.51	14.43	0.00	Trace product		

TABLE 6

**Product Thickness and Groundwater Measurements
Boeing Field Chevron
Tukwila, Washington**

Exploration Location (1)	Elevation Top of PVC Casing (ft.)**	Date Measured	Depth to Water	Groundwater Elevation (ft)	Depth to Product	Product Thickness (ft)	Comments	
		2/28/2008	14.15	6.79	14.15	0.00	Trace product	
		3/4/2008	15.10	5.84	14.93	0.17	Measured after removing absorbent	
		3/12/2008	16.10	4.84	15.60	0.50	Measured after removing absorbent	
		3/13/2008	14.45	6.49	14.32	0.13	Measured after removing absorbent	
		3/21/2008	No product measured after removing absorbent					
		3/27/2008	15.55	5.39	nm	0.00	Measured after removing absorbent	
		4/2/2008	15.33	5.61	15.33	0.00	Trace product	
		4/7/2008	17.10	3.84	nm	0.00	Measured after removing absorbent	
		4/9/2008	16.74	4.20	nm	0.00	Measured after removing absorbent	
		4/11/2008	No product measured after removing absorbent					
		4/15/2008	No product measured after removing absorbent					
		4/18/2008	16.66	4.28	nm	0.00	Measured after removing absorbent	
		4/22/2008	16.53	4.41	nm	0.00	Measured after removing absorbent	
		3/24/2011	12.62	8.32	nm	0.00		
		6/8/2011	16.27	4.67	nm	0.00		
		8/2/2011	16.04	4.90	nm	0.00		
		9/26/2011	16.80	4.14	nm	0.00		
		11/29/2011	13.62	7.32	nm	0.00		
		2/1/2012	12.93	8.01	nm	0.00		
		3/28/2012	13.40	7.54	nm	0.00		
		11/29/2016	13.69	7.25	nm	0.00		
MW-15	20.52	11/30/2005	16.84	3.68	nm	3.05		
		12/7/2005	15.91	4.61	nm	2.81		
		12/14/2005	16.18	4.34	nm	3.22		
		1/20/2006	12.05	8.47	nm	0.65		
		1/31/2006	12.41	8.11	nm	0.86		
		4/3/2006	17.30	3.22	nm	2.70		
		5/2/2006	16.59	3.93	nm	3.30		
		5/8/2006	15.60	4.92	nm	0.00		
		6/13/2006	16.97	3.55	nm	0.10		
		6/19/2006	15.16	5.36	nm	0.00		
		8/22/2006	17.22	3.30	nm	0.01		
		10/13/2006	15.04	5.48	14.96	0.08		
		1/4/2007	11.51	9.01	11.50	0.01		
		1/25/2007	13.63	6.89	13.60	0.03		
		2/9/2007	13.94	6.58	13.89	0.05		
		2/22/2007	14.01	6.51	14.00	0.01		
		3/7/2007	15.19	5.33	15.07	0.12		
		5/1/2007	15.80	4.72	14.52	1.28		
		10/1/2007	15.33	5.19	13.89	1.44		
		2/20/2008	14.36	6.16	13.90	0.46		
		2/21/2008	sured after removing absorbent					
		2/25/2008	16.05	4.47	16.02	0.03	Measured after removing absorbent	
		2/26/2008	15.02	5.50	15.02	0.00	Trace product	
		2/28/2008	13.99	6.53	nm	0.00	Measured after removing absorbent	
		3/4/2008	14.72	5.80	14.71	0.01	Trace after removing absorbent	
		3/12/2008	15.28	5.24	15.28	0.00	Trace after removing absorbent	
		3/21/2008	sured after removing absorbent					
		4/15/2008	sured after removing absorbent					
		4/18/2008	16.37	4.15	nm	0.00	Measured after removing absorbent	
		4/22/2008	16.38	4.14	nm	0.00	Measured after removing absorbent	
		3/24/2011	12.91	7.61	12.89	0.02		
		6/8/2011	---	---	---	---		
		8/2/2011	12.38	8.14	nm	0.00		
		9/26/2011	10.20	10.32	nm	0.00		
		11/29/2011	10.27	10.25	nm	0.00		
		2/1/2012	9.67	10.85	nm	0.00		
		3/28/2012	9.32	11.20	nm	0.00		

TABLE 6

**Product Thickness and Groundwater Measurements
Boeing Field Chevron
Tukwila, Washington**

Exploration Location (1)	Elevation Top of PVC Casing (ft.)**	Date Measured	Depth to Water	Groundwater Elevation (ft)	Depth to Product	Product Thickness (ft)	Comments
MW-16	21.19	1/20/2006	11.93	9.26	nm	0.00	
		1/31/2006	12.15	9.04	nm	0.00	
		4/3/2006	12.60	8.59	nm	0.00	
		8/22/2006	17.74	3.45	nm	0.00	
		10/13/2006	14.95	6.24	nm	0.00	
		1/4/2007	12.01	9.18	nm	0.00	
		1/25/2007	14.37	6.82	nm	0.00	
		3/27/2008	9.88	11.31	nm	0.00	
		4/18/2008	10.43	10.76	nm	0.00	
		11/29/2016	13.35	7.84	nm	0.00	
MW-17	20.89	1/20/2006	11.25	9.64	nm	0.00	
		4/10/2008	10.37	10.52	nm	0.00	
		12/6/2016	12.73	8.16	nm	0.00	
MW-18	18.22	11/30/2016	7.88	10.34	nm	0.00	
		3/23/2017	6.96	11.26	nm	0.00	
		7/27/2017	8.96	9.26	nm	0.00	
MW-19	18.04	11/30/2016	11.50	6.72	nm	0.00	
		3/23/2017	10.31	7.91	nm	0.00	
		7/27/2017	10.64	7.58	nm	0.00	
MW-20	18.71	11/30/2016	11.43	7.28	nm	0.00	
		3/23/2017	11.89	6.82	nm	0.00	
		7/27/2017	12.35	6.36	nm	0.00	
MW-21	18.58	11/30/2016	12.00	6.58	nm	0.00	
		3/23/2017	12.67	5.91	nm	0.00	
		7/27/2017	12.35	6.23	nm	0.00	
MW-22	21.14	12/6/2016	7.09	14.05	nm	0.00	
		3/23/2017	8.92	12.22	nm	0.00	
		7/27/2017	10.55	10.59	nm	0.00	
MW-23	20.86	11/17/2016	10.30	10.56	nm	0.00	
		3/23/2017	8.63	12.23	nm	0.00	
		7/27/2017	10.36	10.50	nm	0.00	
MW-24	20.26	12/6/2016	10.34	9.92	nm	0.00	
		3/23/2017	8.73	11.53	nm	0.00	
		7/27/2017	10.71	9.55	nm	0.00	
MW-25	19.78	12/6/2016	8.94	10.84	nm	0.00	
		3/23/2017	7.38	12.40	nm	0.00	
		7/26/2017	9.31	10.47	nm	0.00	
MW-26D	19.69	11/30/2016	12.19	7.50	nm	0.00	
		3/23/2017	12.24	7.45	nm	0.00	
		7/26/2017	13.49	6.20	nm	0.00	
MW-26S	19.48	11/30/2016	8.09	11.39	nm	0.00	
		3/23/2017	6.92	12.56	nm	0.00	
		7/26/2017	8.98	10.50	nm	0.00	
MW-27D	19.53	11/28/2016	11.48	8.05	nm	0.00	
		3/23/2017	11.94	7.59	nm	0.00	
		7/26/2017	13.44	6.09	nm	0.00	
MW-27S	19.76	11/28/2016	8.25	11.51	nm	0.00	
		3/23/2017	7.23	12.53	nm	0.00	
		7/26/2017	9.08	10.68	nm	0.00	
MW-28D	19.45	11/28/2016	12.00	7.45	nm	0.00	
		3/23/2017	11.93	7.52	nm	0.00	
		7/26/2017	13.34	6.11	nm	0.00	
MW-28S	19.34	11/28/2016	8.14	11.20	nm	0.00	
		3/23/2017	6.66	12.68	nm	0.00	
		7/26/2017	8.54	10.80	nm	0.00	

TABLE 6

**Product Thickness and Groundwater Measurements
Boeing Field Chevron
Tukwila, Washington**

Exploration Location (1)	Elevation Top of PVC Casing (ft.)**	Date Measured	Depth to Water	Groundwater Elevation (ft)	Depth to Product	Product Thickness (ft)	Comments	
IP-3	20.28	5/2/2006	13.74	6.54	nm	0.00		
		5/8/2006	15.10	5.18	nm	0.00		
		6/13/2006	16.16	4.12	nm	0.00		
		6/19/2006	14.65	5.63	nm	0.00		
		8/22/2006	16.73	3.55	nm	0.00		
		10/13/2006	14.55	5.73	nm	0.00		
		1/4/2007	11.11	9.17	nm	0.00		
		2/22/2007	13.45	6.83	nm	0.00		
		5/1/2007	14.22	6.06	nm	0.00		
		10/1/2007	13.82	6.46	nm	0.00		
		2/25/2008	15.59	4.69	15.59	0.00		
		2/26/2008	14.49	5.79	nm	0.00		
		2/28/2008	13.63	6.65	nm	0.00		
		3/27/2008	13.74	6.54	nm	0.00		
		4/18/2008	15.95	4.33	nm	0.00		
		4/22/2008	15.96	4.32	nm	0.00		
		---	---	---	---	---	---	
		3/23/2017	12.96	7.32	nm	0.00		
		7/27/2017	14.16	6.12	nm	0.00		
IP-4	20.49	5/2/2006	10.29	10.20	nm	0.07		
		5/8/2006	10.32	10.17	nm	0.00		
		6/13/2006	10.35	10.14	nm	0.00		
		6/19/2006	10.48	10.01	nm	0.00		
		10/13/2006	13.91	6.58	11.69	2.22		
		1/4/2007	9.65	10.84	nm	0.00		
		1/25/2007	9.97	10.52	nm	0.00		
		2/22/2007	10.12	10.37	nm	0.00		
		3/7/2007	10.13	10.36	nm	0.00		
		5/1/2007	10.71	9.78	nm	0.00		
		10/1/2007	11.64	8.85	nm	0.00		
		2/25/2008	10.40	10.09	10.40	0.00	Measured less than 0.005' product	
		2/26/2008	10.28	10.21	nm	0.00		
		2/28/2008	10.27	10.22	nm	0.00		
		3/27/2008	10.82	9.67	nm	0.00	Measured after removing absorbent	
		4/9/2008	10.93	9.56	nm	0.00	Measured after removing absorbent	
		4/18/2008	10.97	9.52	nm	0.00	Measured after removing absorbent	
		4/22/2008	11.02	9.47	nm	0.00	Absorbent saturated to 2", left in	
		11/30/2016	10.10	10.39	nm	0.00		
3/23/2017	8.01	12.48	nm	0.00				
7/27/2017	9.96	10.53	nm	0.00				
IP-5	21.08	5/2/2006	14.54	6.54	nm	0.00		
		5/8/2006	15.83	5.25	nm	0.00		
		6/13/2006	17.03	4.05	nm	0.00		
		6/19/2006	15.48	5.60	nm	0.00		
		8/22/2006	17.57	3.51	nm	0.00		
		10/13/2006	15.25	5.83	nm	0.00		
		1/4/2007	11.93	9.15	nm	0.00		
		1/25/2007	13.97	7.11	nm	0.00		
		2/9/2007	12.65	8.43	nm	0.00		
		2/22/2007	14.33	6.75	nm	0.00		
		5/1/2007	15.06	6.02	nm	0.00		
		10/1/2007	14.54	6.54	nm	0.00		
		10/23/2007	15.51	5.57	nm	0.00		
		2/20/2008	14.41	6.67	nm	0.00		
		3/27/2008	15.01	6.07	nm	0.00		
		4/18/2008	15.61	5.47	nm	0.00		
		11/30/2016	13.00	8.08	nm	0.00		
		3/23/2017	13.80	7.28	nm	0.00		
		7/27/2017	13.76	7.32	nm	0.00		
IP-6	20.26	8/22/2006	16.93	3.33	nm	0.16		
		10/13/2006	14.70	5.56	14.52	0.18		
		1/4/2007	11.05	9.21	10.85	0.20		
		1/25/2007	13.36	6.90	13.19	0.17		

TABLE 6

**Product Thickness and Groundwater Measurements
Boeing Field Chevron
Tukwila, Washington**

Exploration Location (1)	Elevation Top of PVC Casing (ft.)**	Date Measured	Depth to Water	Groundwater Elevation (ft)	Depth to Product	Product Thickness (ft)	Comments	
		2/22/2007	13.47	6.79	nm	0.00		
		3/7/2007	14.91	5.35	14.90	0.01		
		5/1/2007	15.12	5.14	14.77	0.35		
		10/1/2007	15.84	4.42	13.31	2.53		
		10/23/2007	16.75	3.51	14.15	2.60		
		2/20/2008	14.61	5.65	14.21	0.40		
		2/21/2008	No product measured after removing absorbent					
		2/25/2008	15.93	4.33	15.92	0.01	Measured after removing absorbent	
		2/26/2008	14.41	5.85	nm	0.00	Measured after removing absorbent	
		2/28/2008	13.75	6.51	nm	0.00	Measured after removing absorbent	
		3/4/2008	14.59	5.67	14.58	0.01	Measured after removing absorbent	
		3/12/2008	No product measured after removing absorbent					
		3/21/2008	No product measured after removing absorbent					
		3/27/2008	15.08	5.18	nm	0.00	Measured after removing absorbent	
		4/2/2008	14.88	5.38	nm	0.00	Measured after removing absorbent	
		4/7/2008	16.61	3.65	nm	0.00	Measured after removing absorbent	
		4/9/2008	16.22	4.04	nm	0.00	Measured after removing absorbent	
		4/11/2008	No product measured after removing absorbent					
		4/15/2008	No product measured after removing absorbent					
		4/18/2008	15.20	5.06	nm	0.00	Measured after removing absorbent	
		4/22/2008	15.82	4.44	nm	0.00	Measured after removing absorbent	
IP-7	20.31	8/22/2006	16.93	3.38	nm	0.01		
		10/13/2006	16.51	3.80	14.09	2.42		
		1/4/2007	13.89	6.42	9.98	3.91		
		1/25/2007	16.39	3.92	12.40	3.99	Measured at 13:00. Low tide at 14:48, 0.0 tide	
		2/9/2007	15.96	4.35	12.09	3.87		
		2/22/2007	13.48	6.83	13.20	0.28		
		3/7/2007	15.29	5.02	14.62	0.67		
		5/1/2007	15.61	4.70	14.20	1.41		
		10/1/2007	13.87	6.44	13.75	0.12		
		10/23/2007	15.61	4.70	14.20	1.41		
		2/20/2008	14.41	5.90	13.71	0.70		
		2/21/2008	14.10	6.21	14.07	0.03	Measured after removing absorbent	
		2/25/2008	15.85	4.46	15.74	0.11	Measured after removing absorbent	
		2/26/2008	14.34	5.97	nm	0.00	Measured after removing absorbent	
		2/28/2008	13.53	6.78	13.53	0.00	Trace product	
		3/4/2008	14.72	5.59	14.26	0.46	Measured after removing absorbent	
		3/12/2008	15.70	4.61	14.82	0.88	Measured after removing absorbent	
		3/13/2008	14.00	6.31	13.52	0.48	Measured after removing absorbent	
		3/21/2008	No product measured after removing absorbent				0.00	
		3/27/2008	14.85	5.46	nm	0.00	Measured after removing absorbent	
		4/2/2008	14.72	5.59	14.72	0.00	Trace product	
		4/7/2008	16.42	3.89	nm	0.00	Measured after removing absorbent	
		4/9/2008	15.95	4.36	nm	0.00	Measured after removing absorbent	
		4/11/2008	No product measured after removing absorbent				0.00	
		4/15/2008	No product measured after removing absorbent				0.00	
		4/18/2008	16.03	4.28	nm	0.00	Measured after removing absorbent	
		4/22/2008	15.55	4.76	nm	0.00	Measured after removing absorbent	
		3/24/2011	14.33	5.98	11.68	2.65		
		6/8/2011	15.82	4.49	15.10	0.72		
		8/2/2011	16.95	3.36	14.82	2.13		
		9/26/2011	17.04	3.27	16.09	0.95		
		11/29/2011	14.87	5.44	12.39	2.48		
		2/1/2012	14.68	5.63	11.75	2.93		
		3/28/2012	14.22	6.09	12.71	1.51		
		9/29/2016	16.30	4.01	14.21	2.09		
		11/30/2016	13.38	6.93	12.51	0.87		
		3/23/2017	15.12	5.19	12.30	2.82		
		7/26/2017	14.10	6.21	11.81	2.29		
		10/5/2017	---	---	---	---	Not Measured	
		1/23/2018	16.70	3.61	10.70	6.00		
		5/29/2018	14.72	5.59	14.71	0.01	Well monument full of rain water	
		6/7/2018	15.20	5.11	14.76	0.44		

TABLE 6

**Product Thickness and Groundwater Measurements
Boeing Field Chevron
Tukwila, Washington**

Exploration Location (1)	Elevation Top of PVC Casing (ft.)**	Date Measured	Depth to Water	Groundwater Elevation (ft)	Depth to Product	Product Thickness (ft)	Comments
EX-N*	20.38	1/20/2006	7.92	12.46	nm	0.00	
		1/31/2006	8.78	11.60	nm	0.00	
		4/3/2006	9.80	10.58	nm	0.00	
		5/2/2006	9.90	10.48	nm	0.00	
		3/7/2007	10.29	10.09	nm	0.00	
		10/23/2007	11.28	9.10	nm	0.00	
		2/21/2008	10.21	10.17	nm	0.00	
		4/10/2008	10.85	9.53	nm	0.00	
EX-S*	20.81	1/20/2006	7.65	13.16	nm	0.00	
		1/31/2006	8.00	12.81	nm	0.00	
		4/3/2006	8.92	11.89	nm	0.00	
		5/2/2006	9.24	11.57	nm	0.00	
		10/13/2006	11.53	9.28	11.30	0.23	
		3/7/2007	9.50	11.31	nm	0.00	
		10/23/2007	10.63	10.18	nm	0.00	
		2/21/2008	9.46	11.35	nm	0.00	
		4/10/2008	10.18	10.63	nm	0.00	
		4/18/2008	10.30	10.51	nm	0.00	
EW-1	20.99	3/27/2008	14.70	6.29	nm	0.00	No product present
		4/2/2008	14.88	6.11	nm	0.00	No product present
		4/22/2008	16.52	4.47	nm	0.00	No product present
		3/24/2011	9.37	11.62	nm	0.00	
		6/8/2011	12.23	8.76	nm	0.00	
		8/2/2011	11.05	9.94	nm	0.00	
		9/26/2011	11.58	9.41	nm	0.00	
		11/29/2011	10.68	10.31	nm	0.00	
		2/1/2012	10.10	10.89	nm	0.00	
3/28/2012	9.85	11.14	nm	0.00			
EW-2	21.22	3/27/2008	15.01	6.21	nm	0.00	No product present
		4/2/2008	15.25	5.97	nm	0.00	No product present
		4/22/2008	15.25	5.97	15.25	0.00	Possible sheen detected
		3/24/2011	9.51	11.71	---	---	
		6/8/2011	13.01	8.21	---	---	
		8/2/2011	13.33	7.89	---	---	
		9/26/2011	11.69	9.53	---	---	
		11/29/2011	10.76	10.46	---	---	
		2/1/2012	10.40	10.82	---	---	
3/28/2012	9.89	11.33	---	---			
EW-3	20.86	3/27/2008	15.09	5.77	nm	0.00	No product present
		4/2/2008	14.94	5.92	nm	0.00	No product present
		4/18/2008	15.52	5.34	nm	0.00	No product present
		4/22/2008	16.51	4.35	nm	0.00	No product present
EW-4	20.87	3/27/2008	14.88	5.99	nm	0.00	No product present
		4/2/2008	14.73	6.14	nm	0.00	No product present
		4/22/2008	16.30	4.57	nm	0.00	No product present
EW-5	20.88	3/27/2008	15.00	5.88	nm	0.00	No product present
		4/2/2008	14.86	6.02	14.86	0.00	Trace product
		4/9/2008	16.82	4.06	nm	0.00	No product present
		4/10/2008	14.47	6.41	nm	0.00	No product present
		4/11/2008	15.25	5.64	15.25	0.00	Trace, installed absorbent socks
		4/22/2008	16.50	4.38	nm	0.00	Bottom sock saturated, replaced
EW-6	20.89	3/27/2008	15.32	5.57	nm	0.00	No product present
		4/2/2008	15.27	5.62	nm	0.00	No product present
		4/9/2008	16.80	4.09	nm	0.00	No product present
		4/11/2008	16.24	4.65	nm	0.00	No product present
		4/22/2008	16.13	4.76	nm	0.00	No product present
		3/24/2011	9.95	10.94	nm	0.00	
		6/8/2011	12.15	8.74	nm	0.00	
		8/2/2011	12.45	8.44	nm	0.00	
		9/26/2011	11.53	9.36	nm	0.00	
		11/29/2011	11.46	9.43	nm	0.00	
		2/1/2012	11.97	8.92	nm	0.00	

TABLE 6

**Product Thickness and Groundwater Measurements
Boeing Field Chevron
Tukwila, Washington**

Exploration Location (1)	Elevation Top of PVC Casing (ft.)**	Date Measured	Depth to Water	Groundwater Elevation (ft)	Depth to Product	Product Thickness (ft)	Comments
		3/28/2012	11.34	9.55	nm	0.00	
EW-7	20.54	3/27/2008	14.94	5.60	nm	0.00	No product present
		4/2/2008	14.90	5.64	nm	0.00	No product present
		4/9/2008	16.38	4.16	nm	0.00	No product present
		4/11/2008	15.66	4.89	15.66	0.00	Trace, installed absorbent socks
		4/22/2008	15.68	4.86	15.68	0.00	Trace, Sock 1/3 saturated, left in
		3/24/2011	12.41	8.13	nm	0.00	
		6/8/2011	16.34	4.20	nm	0.00	
		8/2/2011	15.42	5.12	nm	0.00	
		9/26/2011	16.51	4.03	nm	0.00	
		11/29/2011	13.29	7.25	nm	0.00	
		2/1/2012	12.63	7.91	nm	0.00	
		3/28/2012	13.12	7.42	nm	0.00	
		9/29/2016	16.80	3.74	14.45	2.35	
EW-8	20.65	3/27/2008	15.08	5.57	nm	0.00	No product present
		4/9/2008	16.54	4.11	nm	0.00	No product present
		4/11/2008	16.15	4.50	nm	0.00	No product present
		4/22/2008	15.94	4.71	nm	0.00	No product present
EW-9	20.44	3/27/2008	14.82	5.62	nm	0.00	No product present
		4/2/2008	14.77	5.67	nm	0.00	No product present
		4/9/2008	16.26	4.18	nm	0.00	No product present
		4/11/2008	15.64	4.80	nm	0.00	No product present
		4/18/2008	14.97	5.47	nm	0.00	No product present
		4/22/2008	15.61	4.83	nm	0.00	No product present
		3/24/2011	12.32	8.12	nm	0.00	
		6/8/2011	16.19	4.25	nm	0.00	
		8/2/2011	15.99	4.45	15.25	0.74	
		9/26/2011	17.14	3.30	16.28	0.86	
		11/29/2011	13.98	6.46	13.00	0.98	
		2/1/2012	12.63	7.81	12.53	0.10	
		3/28/2012	13.01	7.43	nm	0.00	

Notes:

(1) Refer to site diagrams for sample locations. Refer to laboratory reports for analytical methods.

** Data from PLS Inc. Topographic Survey

Enhanced Fluid Recovery event conducted 1/26/06.

Approximately 3,000 gallons gasoline-impacted water removed from MW-14 and MW-15.

First Peroxide Event conducted near MW-15 (IP-3, IP-4, IP-5, MW-15) on 5/2/06

Second Peroxide Event conducted near MW-15 on 6/13/06 at low tide after product measurements.

Third peroxide event conducted at IP6 & IP7 (330-gal 17% each) and 330-gal split amongst IP3, IP4, and IP5, 8/11/06

Fourth Peroxide event to IP6, IP4, and IP3 (1320 Gallons 17%) on 12/28 and 12/29/06

Fifth Peroxide event 2/9/07 using 11% (1,700 liters into IP-6, 1,000 liters into IP-7, 900L into MW-14)

FPR Extraction Wells EW-1 through EW-9 installed on 3/17/08 and 3/18/08.

* - Extraction well names assigned by G-Logics

Specific Gravity of Gasoline, SG = 0.739

nm = product was absent so no measurement available

TABLE 7
Well Purging
Boeing Field Chevron
Tukwila, Washington

Well Designation (1)	Well Installation Date	Well Decommission Date	Elevation Top of PVC Casing (ft.)**	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diameter (in.)	Date Measured	Depth to Water (ft.)	Calculated GW Elevations (ft.)	Sample Time	pH	Conductivity (mS/cm)	Temperature (C°)	ORP (mV)	Turbidity		Dissolved Oxygen		Color	Purge Volume (gallons)	
															(NTUs)	TDS (g/L)	(mg/L)	(%)			
MW-10***	9/3/97	12/13/2016	20.99	8.5	18.5	2	12/12/2016	12.33	8.66	11:40 AM	6.06	0.488	13.5	-106.0	0.00	---	0.00	---	Clear	1.5	
MW-11***	9/3/97	12/13/2016	19.99	8	20	2	11/26/2016	10.41	9.58	2:28 PM	6.33	0.771	14.1	-75.0	6.40	---	0.00	---	Clear	1.5	
MW-12***	9/3/97	12/13/2016	19.36	8	18	2	11/26/2016	7.91*	19.36	3:55 PM	6.08	0.390	14.7	22.0	6.90	---	0.00	---	Clear	2.5	
MW-13***	7/16/04	12/14/2016	20.13	4	24	2	11/29/2016	12.43	7.70	8:54 AM	6.59	0.373	15.1	-34.0	3.70	---	1.63	---	Clear	5.0	
MW-14***	7/16/04	12/13/2016	20.94	4	24	2	11/29/2016	13.69	7.25	10:50 AM	6.44	0.688	14.9	-133.0	1.70	---	0.00	---	Clear	2.75	
MW-15***	8/26/05	12/13/2016	20.52	10	25	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
MW-16***	8/26/05	12/14/2016	21.19	9.5	24.5	2	11/29/2016	13.35	7.84	12:57 PM	6.20	0.493	14.0	-57.0	0.00	---	0.00	---	Clear	4.5	
MW-17***	8/26/05	12/12/2016	20.89	9.5	24.5	2	12/6/2016	12.73	8.16	12:45 PM	6.74	0.567	14.6	-6.0	22.00	---	0.05	---	Clear	2.5	
MW-18	4/16/08	Active	18.22	11	16	1	11/30/2016	7.88	10.34	11:06 AM	6.18	0.563	14.3	41.0	0.00	---	0.00	---	Clear	1.25	
							3/23/2017	6.96	11.26	3:40 PM	6.56	0.509	13.1	97.0	0.00	---	0.00	---	Clear	1.5	
							7/27/2017	8.96	9.26	11:35 AM	6.29	0.435	16.8	-40.4	-0.40	---	0.87	---	Clear	1.25	
							1/16/2018	7.74	10.48	12:20 PM	6.40	0.477	14.0	48.4	---	---	0.72	6.70	Clear	3.0	
							5/25/2018	8.62	9.60	12:20 PM	6.53	0.373	14.5	114.9	---	---	---	6.92	Clear	1.3	
MW-19	4/16/08	Active	18.04	15	20	1	11/30/2016	11.50	6.54	12:09 PM	6.33	0.653	12.8	-55.0	8.20	---	0.00	---	Clear	1.5	
							3/23/2017	10.31	7.73	2:20 PM	6.63	0.508	17.8	-17.0	0.00	---	0.00	---	Clear	1.2	
							7/27/2017	10.64	7.40	9:55 AM	6.33	0.558	15.5	-59.4	-12.30	---	0.92	---	Clear	1.5	
MW-20	4/16/08	Active	18.71	15	20	1	11/30/2016	11.43	7.28	12:00 PM	6.62	0.497	14.7	-63.0	13.0	---	1.69	---	Clear	2.25	
							3/23/2017	11.89	6.82	1:10 PM	6.61	0.432	15.1	-62.0	0.40	---	2.00	---	Clear	2.1	
							7/27/2017	12.35	6.36	9:00 AM	6.25	0.380	15.0	-100.2	12.7	---	0.97	---	Clear	1.25	
MW-21	4/16/08	Active	18.58	17	22	1	11/30/2016	12.00	6.58	10:58 AM	6.61	0.680	12.2	-57.0	6.40	---	1.98	---	Clear	2.5	
							3/23/2017	12.67	5.91	4:40 PM	6.58	0.610	15.9	-67.0	0.00	---	2.16	---	Clear	1.5	
							7/27/2017	12.35	6.23	12:50 PM	6.29	0.576	16.1	-100.7	-6.60	---	0.86	---	Clear	1.4	
							1/16/2018	11.98	6.60	11:20 AM	6.45	0.455	14.8	-87.9	---	---	0.26	2.80	Clear	3.5	
							5/25/2018	14.04	4.54	1:20 AM	6.64	0.423	15.6	-69.5	---	---	---	1.46	Clear	1.2	
MW-22	11/17/16	Active	21.14	7	14	1	12/6/2016	9.97	11.17	1:45 PM	7.09	0.342	15.8	-79.0	3.60	---	3.11	---	Clear	---	
							3/23/2017	8.92	12.22	11:40 AM	6.88	0.581	12.9	5.0	3.80	---	0.05	---	Clear	1.2	
							7/26/2017	10.55	10.59	12:40 PM	6.90	0.550	18.6	41.0	0.00	---	0.90	---	Clear	1.4	
							1/12/2018	10.62	10.52	10:50 AM	6.81	0.211	14.6	-28.7	---	---	0.86	7.9	Clear	2.5	
MW-23	11/17/16	Active	20.86	5.5	15.5	2	11/17/2016	10.30	10.56	11:15 AM	6.76	0.599	14.2	14.0	3.40	---	7.19	---	Clear	2.5	
							3/23/2017	8.63	12.23	11:05 AM	6.43	0.658	11.7	15.2	0.00	---	0.00	0.00	Clear	3.5	
							7/26/2017	10.36	10.50	12:00 PM	6.28	0.528	18.6	-48.1	24.80	---	0.80	---	Clear	3.75	
							1/12/2018	9.50	11.36	9:50 AM	6.49	0.482	12.8	172.2	---	0.313	1.05	10.1	Clear	2.0	
							5/25/2018	10.04	10.82	10:25 AM	6.44	0.330	15.1	77.9	---	---	---	2.26	Clear	4.0	
MW-24D	1/11/18	Active	20.14	20	25	2	1/12/2018	12.08	8.06	12:25 PM	6.60	0.410	14.8	-81.0	---	0.330	0.70	7.0	Clear	2.0	
							5/25/2018	15.51	4.63	11:55 AM	6.53	0.548	15.1	-69.7	---	---	0.94	9.4	Clear	1.5	
MW-24	11/24/16	Active	20.26	8.65	13.65	1	12/6/2016	10.34	9.92	8:55 AM	7.33	0.876	7.54	-83.0	75.0	---	0.99	---	Clear	0.7	
							3/23/2017	8.73	11.53	12:00 PM	6.53	1.29	12.2	0.0	79.3	---	0.00	0.0	Clear	1.25	
							7/27/2017	10.71	9.55	2:08 PM	---	---	---	---	---	---	---	---	---	---	---
							1/11/2018	11.99	8.27	12:20 PM	6.50	0.684	11.6	2.8	---	---	4.98	47.0	Clear	1.0	

TABLE 7
Well Purging
Boeing Field Chevron
Tukwila, Washington

Well Designation	Well Installation	Well Decommission	Elevation Top of PVC Casing	Depth to Top	Depth to Bottom of	Well Diameter	Date	Depth to	Calculated GW		Conductivity	Temperature		Turbidity	Dissolved Oxygen	Purge Volume				
MW-25	11/19/16	Active	19.78	9	14	1	12/6/2016	8.94	10.84	10:05 AM	6.84	0.378	12.6	81.0	14.7	---	1.40	---	Clear	0.8
							3/23/2017	7.38	12.40	9:55 AM	7.36	0.474	11.6	130	59.5	---	0.00	0.00	Clear	2.25
							7/26/2017	9.31	10.47	10:50 AM	6.72	0.414	15.7	161	3.80	---	4.14	---	Clear	1.8
							1/12/2018	9.52	10.26	9:40 AM	6.38	0.331	14.1	98.0	---	---	3.51	33.1	Clear	2.5
MW-26D	11/17/16	Active	19.69	18	23	2	11/30/2016	12.19	7.50	1:38 PM	6.34	0.47	14.0	-60.0	5.0	---	0.00	---	Clear	5.5
							3/23/2017	12.24	7.45	11:55 AM	6.65	0.436	13.8	19.0	12.00	---	0.00	---	Clear	3.0
							7/26/2017	13.49	6.20	9:15 AM	6.72	0.390	14.2	7.0	3.40	---	0.00	---	Clear	1.6
							1/11/2018	11.38	8.31	2:30 PM	6.40	0.304	14.3	-75.0	---	---	0.22	2.20	Clear	3.0
MW-26S	11/21/16	Active	19.48	7	12	2	11/30/2016	8.09	11.39	1:17 PM	6.60	0.388	15.3	-36.0	2.0	---	1.69	---	Clear	2.25
							3/23/2017	6.92	12.56	12:10 PM	6.98	0.248	10.1	108	0.60	---	0.00	0.00	Clear	3.5
							7/26/2017	8.98	10.50	10:10 AM	6.70	0.341	17.1	-36.0	3.80	---	0.00	---	Clear	1.4
							1/11/2018	7.39	12.09	1:40 PM	6.31	0.267	11.6	-9.6	---	---	1.82	16.5	Clear	2.5
MW-27D	11/21/16	Active	19.53	14.5	21.5	2	11/28/2016	11.48	8.05	3:25 PM	6.51	0.532	14.9	0.58	23.8	---	1.59	---	Clear	3.0
							3/23/2017	11.94	7.59	10:00 AM	6.65	0.372	13.5	-46.0	6.20	---	1.30	---	Clear	3.2
							7/26/2017	13.44	6.09	2:25 PM	6.16	0.431	17.3	-108.4	323.1	---	0.78	---	Clear	3.0
							1/16/2018	12.06	7.47	2:20 PM	6.36	0.340	14.9	-71.0	---	---	0.21	1.90	Clear	3.5
							5/25/2018	13.98	5.55	2:30 PM	6.36	0.428	15.3	-24.6	---	---	0.49	4.90	Clear	2.0
MW-27S	11/21/16	Active	19.76	7	12	2	11/28/2016	8.25	11.51	3:40 PM	6.21	1.11	14.4	129.0	0.0	---	2.98	---	Clear	1.3
							3/23/2017	7.23	12.53	10:50 AM	6.73	0.875	11.8	152.0	0.0	---	0.37	---	Clear	2.0
							7/26/2017	9.08	10.68	1:25 PM	6.26	1.076	19.5	-48.5	2.90	---	1.04	---	Clear	1.5
							1/16/2018	8.24	11.52	1:25 PM	6.54	0.898	13.3	116.7	---	---	3.25	30.6	Clear	2.5
							5/25/2018	8.27	11.49	2:50 PM	6.55	0.748	16.2	88.4	---	---	---	2.6	Clear	3.3
MW-28D	11/18/16	Active	19.45	18	23	2	11/28/2016	12.00	7.45	12:53 PM	6.45	0.281	15.1	-75	0.0	---	0.00	---	Clear	2.5
							3/23/2017	11.93	7.52	10:00 AM	6.28	0.175	14.0	41.0	0.90	---	0.00	0.0	Clear	4.5
							7/26/2017	13.34	6.11	3:45 PM	6.65	0.210	14.9	-41.0	0.0	---	0.00	---	Clear	1.4
							1/11/2018	12.17	7.28	9:50 AM	6.45	0.172	14.2	-76.8	---	---	0.24	2.30	Clear	2.5
MW-28S	11/18/16	Active	19.34	5	12	2	11/28/2016	8.14	11.20	1:35 PM	8.26	0.690	15.4	128	0.0	---	4.32	---	Clear	2.0
							3/23/2017	6.66	12.68	11:10 AM	6.98	0.506	12.1	93.0	0.0	---	0.00	---	Clear	3.5
							7/26/2017	8.54	10.80	2:30 PM	6.72	0.532	18.7	180	5.5	---	1.68	---	Clear	1.6
							1/11/2018	8.06	11.28	11:00 AM	6.60	0.451	13.6	83.9	---	---	4.15	39.1	Clear	2.0
MW-29D	1/11/18	Active	21.59	20	25	2	1/12/2018	13.42	8.17	2:15 PM	6.39	0.242	14.0	-19.9	---	0.199	0.83	8.20	Clear	6.0
							5/29/2018	16.73	4.86	9:50 AM	6.36	0.341	14.3	33.7	---	---	0.57	5.50	Clear	2.3
MW-29S	1/11/18	Active	21.53	10	15	2	1/16/2018	9.78	11.75	1:05 PM	6.86	0.542	12.0	1.0	---	0.472	2.46	22.9	Clear	5.5
							5/29/2018	10.60	10.93	10:40 AM	6.52	0.406	14.3	36.6	---	---	0.38	3.7	Clear	2.3
MW-30	1/11/18	Active	21.20	20	25	2	1/12/2018	13.10	8.10	12:30 PM	6.60	0.438	14.4	-163.4	---	---	0.24	2.30	Clear	1.5
							5/25/2018	16.94	4.26	10:40 AM	6.55	0.549	14.7	-62.5	---	---	2.34	22.90	Clear	3.3
IP-3	4/19/06	Active	20.28	18	24	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
							3/23/2017	12.96	7.32	1:40 PM	6.21	0.420	14.3	2.0	0.0	---	0.00	0.0	Clear	2.5
							7/27/2017	14.16	6.12	1:06 PM	6.63	0.457	14.5	-41.0	0.0	---	0.00	---	Clear	1.6
							1/12/2018	12.04	8.24	2:40 PM	6.42	0.373	14.2	-85.0	---	---	0.22	1.90	Clear	2.5
5/29/2018	14.55	5.73	9:30 AM	6.55	0.361	14.2	-56.9	---	---	---	1.94	Clear	3.5							
IP-4	4/19/06	Active	20.49	8	16	3	11/30/2016	10.10	10.39	9:21 AM	6.42	1.25	13.24	-146.0	14.9	---	0.00	---	Clear	2.00
							3/23/2017	8.01	12.48	3:45 PM	6.56	1.01	13.51	-40.0	10.0	---	0.00	0.00	Clear	3.50
							7/27/2017	9.96	10.53	2:07 PM	6.51	1.295	17.00	-149.0	5.80	---	0.76	---	Clear	1.40
							1/12/2018	9.49	11.00	1:50 PM	6.68	1.177	13.8	-165.0	---	---	0.30	3.00	Clear	3.0
							5/29/2018	9.67	10.82	11:45 AM	6.87	0.704	13.7	-106.9	---	---	---	1.80	Clear	5.0

**TABLE 7
Well Purging
Boeing Field Chevron
Tukwila, Washington**

Well Designation	Well Installation	Well Decommission	Elevation Top of PVC Casing	Depth to Top	Depth to Bottom of	Well Diameter	Date	Depth to	Calculated GW			Conductivity	Temperature		Turbidity	Dissolved Oxygen			Purge Volume	
IP-5	4/26/06	Active	21.08	18	24	2	11/30/2016	13.00	8.08	9:10 AM	6.49	0.576	12.5	-47.0	6.30	---	1.99	---	Clear	2.25
							3/23/2017	13.80	7.28	2:25 PM	6.17	0.510	14.5	7.0	6.20	---	0.00	0.00	Clear	3.0
							7/27/2017	13.76	7.32	11:25 AM	6.60	0.449	14.4	-35.0	4.70	---	0.00	---	Clear	1.4
							1/12/2018	13.49	7.59	10:50 AM	6.46	0.391	14.1	-48.7	---	0.253	0.65	6.30	Clear	2.0
							5/29/2018	16.82	4.26	11:45 AM	6.30	0.414	14.5	18.5	---	---	0.45	4.40	Clear	2.3
IP-6	8/4/06	Inactive	20.26	18	24	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IP-7	8/4/06	Active	20.31	17	23	2	9/29/2016	16.30	4.01	---	---	---	---	---	---	---	---	---	---	
							11/30/2016	13.38	6.93	---	---	---	---	---	---	---	---	---	---	
							3/23/2017	15.12	5.19	---	---	---	---	---	---	---	---	---	---	
							5/29/2018	15.75	4.56	---	---	---	---	---	---	---	---	---	---	

Notes:

- (1) Refer to site diagrams for sample locations. Refer to laboratory reports for analytical methods.
- * Tidal Survey Data
- ** Data from PLS Inc. Topographic Survey
- *** Well Decommissioned 2016
- Well Not Measured During 2016 Field Activities