TOSCO 6380
Bellingham
Release 471259

SAIC
From Science to Solutions

July 19, 2011

Ms. Donna Musa
Washington State Department of Ecology
Toxic Cleanup Program
3190 160th Avenue SE
Bellevue, Washington 98008

Subject: **Second Quarter 2011 Groundwater Monitoring and Sampling Report**
Former 76 Products Facility No. 6380 (RMR 1571)
200 South 36th Street
Bellingham, Washington
Washington State Department of Ecology Facility No. 11191596

Dear Ms. Musa:

SAIC Energy, Environment & Infrastructure, LLC (SAIC), submits this groundwater monitoring and sampling report on behalf of Union Oil of California as agents of Conoco Phillips (Union Oil), for the above-referenced site (Figure 1). Quarterly groundwater monitoring and sampling activities were conducted by Blaine Tech Services, Inc. (Blaine Tech) on May 18, 2011. The Blaine Tech groundwater monitoring and sampling package is provided as Attachment A.

FIELD ACTIVITIES

On May 18, 2011, the depth to groundwater was measured in wells MW-1 through MW-8. The groundwater elevation ranged from 190.73 (MW-2) to 191.32 (MW-5) feet above mean sea level. Groundwater flow is to the northwest at a gradient of approximately 0.004 foot per foot (ft/ft); however, a southerly gradient exists in the southeast portion of the property as well. A potentiometric map is shown on Figure 1.

Groundwater samples were collected from all of the monitoring wells and shipped under chain-of-custody protocol to Lancaster Laboratories, Inc. in Lancaster, Pennsylvania.

Groundwater samples were submitted for the following analyses:

- Total petroleum hydrocarbons (TPH) as gasoline-range organics (TPH-G) by Washington State Department of Ecology (Ecology) Method NWTPH-Gx;
- TPH as diesel-range organics (TPH-D) and TPH as heavy oil-range organics (TPH-O) by Ecology Method NWTPH-Dx extended with silica-gel cleanup; and

- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) and ethanol by United States Environmental Protection Agency (EPA) Method 8260B.

Laboratory analytical results are included as Attachment B, and groundwater analytical results are provided in Table 1 and shown on Figure 2. In addition, hydrographs for wells MW-7 and MW-8 are included as Attachment C.

RESULTS

The results of the second quarter 2011 sampling event indicate that petroleum-hydrocarbon constituent concentrations are generally consistent with respect to historical data. In addition, the groundwater elevation, flow direction, and gradient are consistent with historical measurements. Laboratory results indicate that TPH-D concentrations exceeded the Model Toxics Control Act (MTCA) Method A cleanup level in monitoring wells MW-7 and MW-8. TPH-D concentrations in monitoring wells MW-7 and MW-8 appear to fluctuate above and below cleanup levels with seasonal changes in groundwater elevation.

Remaining analytes were below respective MTCA A cleanup levels. In addition, no hydrocarbons were detected in wells MW-1 through MW-6. Blaine Tech will continue to perform groundwater monitoring and sampling on a quarterly basis.

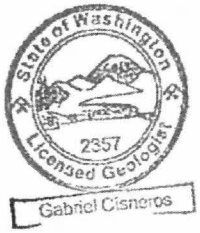
If you have any questions or comments, please contact me at (208) 429-3772 or via email at ronald.santos@saic.com.

Sincerely,

SAIC Energy, Environment, & Infrastructure, LLC

Ron Santos, PE
Senior Project Engineer

Gabriel Cisneros LG #2357
Geologist



Enclosures:

Figure 1 – Potentiometric Map

Figure 2 – Site Plan with Groundwater Analytical Results

Table 1 – Groundwater Monitoring Data and Analytical Results

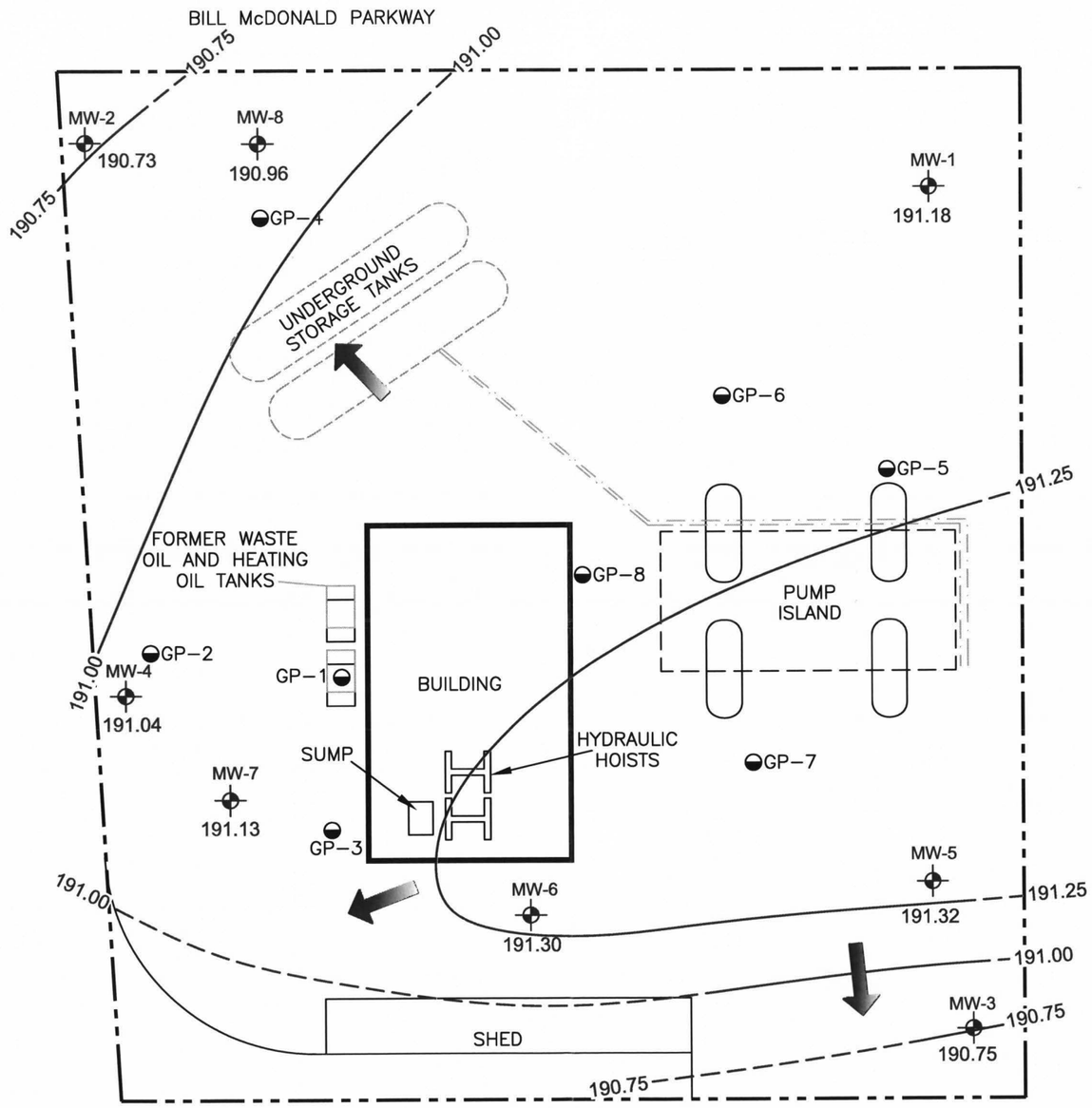
Attachment A – Groundwater Monitoring and Sampling Data Package

Attachment B – Laboratory Analysis Report

Attachment C - Hydrographs

cc: Mr. J. Mark Inglis – Union Oil of California
SYB Holding Company Inc. – Property Owner
Project File

PLEASE NOTE: In an effort to adopt practices that reduce negative impacts on the environment, SAIC is in the process of transitioning to an electronic distribution of all Groundwater Monitoring Reports. Please contact me at (208) 429-3772 or via email at ronald.santos@saic.com if you would be willing to accept an electronic copy of this report in lieu of a hard copy; in the absence of a response we will continue to provide you a hard copy.



N

0 20'
Feet

LEGEND

MW-1 ⊕	MONITORING WELL LOCATION
— - - —	SITE BOUNDARY
191.32	GROUNDWATER ELEVATION IN FEET
191.32 ——	GROUNDWATER ELEVATION CONTOUR AT A 0.25 INTERVAL (DASHED WHERE INFERRED)
◀	APPROXIMATE GROUNDWATER FLOW DIRECTION

GROUNDWATER GRADIENT:
EASTERLY COMPONENT=0.005 FT/FT
NORTHWESTERLY COMPONENT=0.004 FT/FT
SOUTHERLY COMPONENT=0.027 FT/FT

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NOTE: Features were adapted from a Stantec Corporation figure, *Site Map with Analytical Results (June 4, 2010),* dated June 17, 2010.

Former 76 Products Facility No. 6380 (RMR 1571)
200 South 36th Street
Bellingham, Washington

FIGURE 1
Potentiometric Map
May 18, 2011

DATE: 07/20/2011 | DRAWING: 351448 Site Map.dwg

MW-8	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	<50.0	--	--	<50
TPH-D	<76.9	--	--	**740**
TPH-O	<385	--	--	<370
B	3.0	--	--	1
T	<1.0	--	--	<0.5
E	<1.0	--	--	<0.5
X	<3.0	--	--	<0.5

MW-1	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	<50.0	<50.0	<50.0	<50
TPH-D	<76.9	<77.7	<78.4	<30
TPH-O	<385	<388	<392	<69
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5

MW-2	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	<50.0	<50.0	<50.0	<50
TPH-D	<77.7	<78.4	<78.4	<30
TPH-O	<388	<392	<392	<70
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5

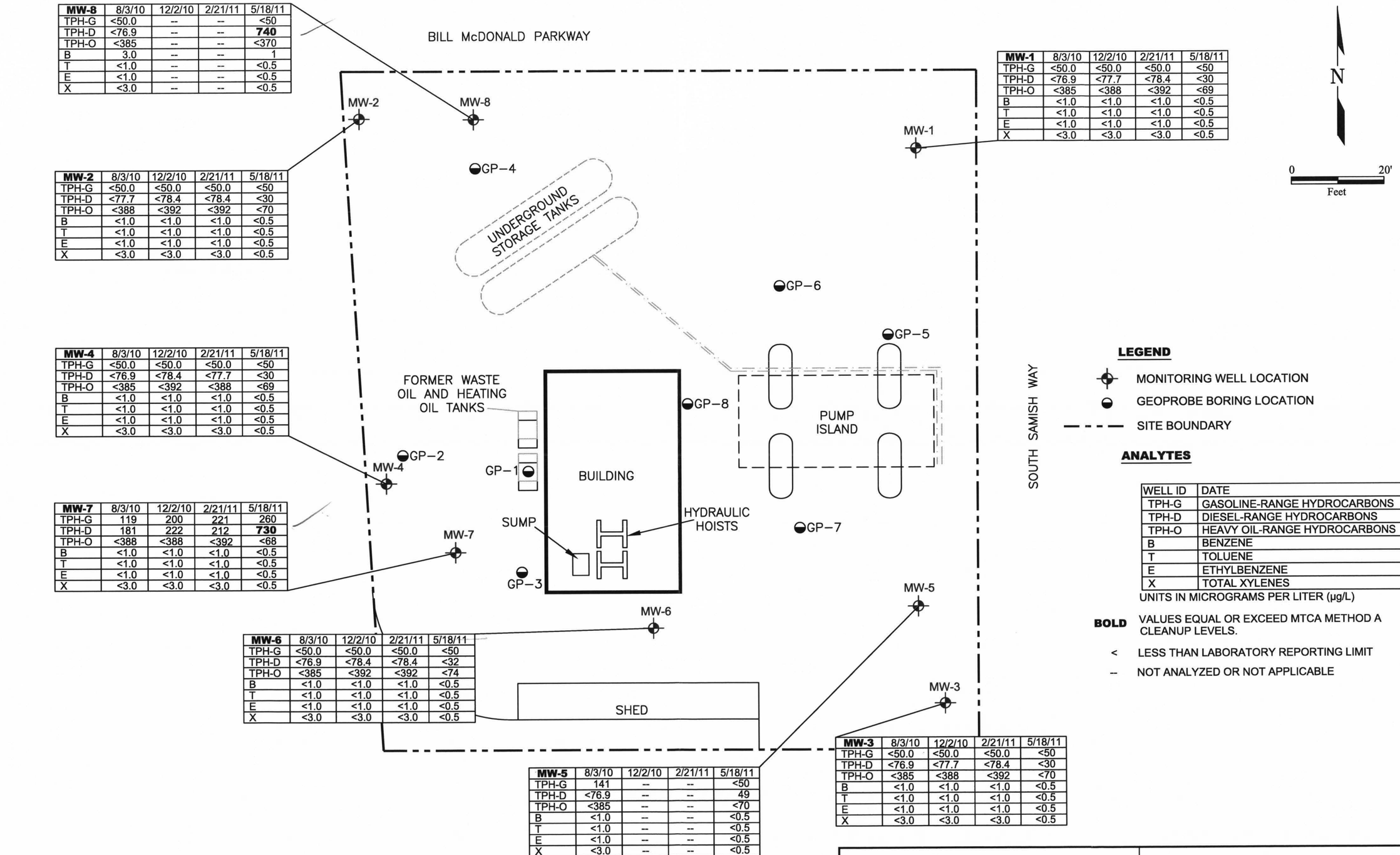
MW-4	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	<50.0	<50.0	<50.0	<50
TPH-D	<76.9	<78.4	<77.7	<30
TPH-O	<385	<392	<388	<69
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5

MW-7	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	119	200	221	260
TPH-D	181	222	212	**730**
TPH-O	<388	<388	<392	<68
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5

MW-6	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	<50.0	<50.0	<50.0	<50
TPH-D	<76.9	<78.4	<78.4	<32
TPH-O	<385	<392	<392	<74
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5

MW-5	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	141	--	--	<50
TPH-D	<76.9	--	--	49
TPH-O	<385	--	--	<70
B	<1.0	--	--	<0.5
T	<1.0	--	--	<0.5
E	<1.0	--	--	<0.5
X	<3.0	--	--	<0.5

MW-3	8/3/10	12/2/10	2/21/11	5/18/11
TPH-G	<50.0	<50.0	<50.0	<50
TPH-D	<76.9	<77.7	<78.4	<30
TPH-O	<385	<388	<392	<70
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5



LEGEND

- MONITORING WELL LOCATION
- GEOPROBE BORING LOCATION
- SITE BOUNDARY

ANALYTES

WELL ID	DATE
TPH-G	GASOLINE-RANGE HYDROCARBONS
TPH-D	DIESEL-RANGE HYDROCARBONS
TPH-O	HEAVY OIL-RANGE HYDROCARBONS
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES

UNITS IN MICROGRAMS PER LITER (µg/L)

BOLD VALUES EQUAL OR EXCEED MTCA METHOD A CLEANUP LEVELS.

< LESS THAN LABORATORY REPORTING LIMIT

-- NOT ANALYZED OR NOT APPLICABLE

NOTE: Features were adapted from a Stantec Corporation figure, *Site Map with Analytical Results (June 4, 2010)*, dated June 17, 2010.

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Former 76 Products Facility No. 6380 (RMR 1571)
200 South 36th Street
Bellingham, Washington

FIGURE 2
Site Plan with Groundwater Analytical Results (May 18, 2011)

DATE: 07/20/2011 | DRAWING: 351448 Site Map.dwg

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER 76 PRODUCTS FACILTY NO. 6380 (RMR 1571)
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

Well ID/ TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDC	EDB	Total Lead	Dissolved Lead	Ethanol
MW-1	03/11/99	4.96	--	93.53	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	2.41	--	--
98.49	05/25/99	5.33	--	93.16	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	---	--	--	--	--	--
	08/12/99	6.66	--	91.83	<50	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	12/07/99	6.10	--	92.39	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	6.18	--	--
	02/10/00	6.10	--	92.39	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	1.75	--	--
	02/02/01	5.17	--	93.32	<50	**588**	<750[e]	**12.4**	1.02	1.10	2.77	--	--	--	--	<1.00	--
	02/08/02	5.77	--	92.72	**838**	**1,600**	<500	**128**	2.15	85.4	6.55	--	--	--	7.70	<1.00	--
	09/20/02	6.27	--	92.22	197	**1,320**	<588[e]	1.82	<0.500	33.0	<1.00	--	--	--	<1.00	--	--
	12/04/02	7.05	--	91.44	373	**511**	<568[e]	**106**	1.32	1.39	5.41	--	--	--	4.65	--	--
	03/05/03	5.70	--	92.79	168	<250	<500	**28.3**	1.70	3.55	5.87	--	--	--	4.90	--	--
	06/10/03	5.92	--	92.57	400	<250	<500	**36.9**	2.43	30.5	6.97	--	--	--	**17.1**	--	--
	09/03/03	6.30	--	92.19	258	301	<588[e]	1.91	3.22	4.30	5.25	--	--	--	8.72	--	--
	12/12/03	5.530	--	92.960	204	**700**	304	2.45	<0.500	<0.500	<1.500	--	--	--	<5.0	--	--
	03/24/04	6.11	--	92.38	163	<126	<251	**12.6**	<1.00	<1.00	<3.00	--	--	--	14.6	--	--
	6/17/2004	5.10	--	93.39	<50	<118	<237	4.98	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	9/23/2004	5.28	--	93.21	190	<267	<535[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/2004	5.42	--	93.07	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	3/4/2005	5.73	--	92.76	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	6/9/2005	6.10	--	92.39	<100	<236	<472	<1	<1	<1	<3	1.26	--	--	--	<15	--
	09/15/05	6.60	--	91.89	<48	<160	<200	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/05	5.94	--	92.55	<48	170	110	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	03/10/06	5.34	--	93.15	<48	<76	<95	0.6	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	8.88	--	89.61	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	1.3	--	--	--	--	--
	03/07/07	Unable to gauge or sample; Public Works trucks parked over well.															
	06/01/07	5.47	--	93.02	<50	--	--	<0.5	<0.7	<0.8	<0.8	1.0	--	--	--	--	--
	09/06/07	6.01	--	92.48	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	0.5	--	--	--	--	--
	12/03/07	6.63	--	91.86	<50	<400[c]	<500[c]	<0.5	<0.7	<0.8	<0.8	0.6	--	--	--	--	--
	03/05/08	5.34	--	93.15	<50[d]	<800[c,e]	<1,000[c,e]	**11**	<0.7	<0.8	<0.8	1	--	--	--	--	--
	06/11/08	5.34	--	93.15	<50	<800[b,c,e]	<1,000[b,c,e]	**10**	<0.5	<0.5	<0.5	1	--	--	--	--	--
	09/10/08	5.30	--	93.19	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	1	--	--	--	--	--
	12/10/08	5.62	--	92.87	<50	<29	<69	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
	03/31/09	5.55	--	92.94	<50	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/17/09	5.80	--	92.69	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
195.79	09/29/09	6.67	--	189.12	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	6.00	--	189.79	Not part of the sampling schedule this reporting period.												

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FORMER 76 PRODUCTS FACILTY NO. 6380 (RMR 1571)
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

Well ID/ TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDC	EDB	Total Lead	Dissolved Lead	Ethanol
MW-1	02/26/10	5.33	--	190.46	<50	<77.7	<388	4.4	1.5	<1.0	7.2	--	--	--	--	--	--
(cont)	06/04/10	5.16	--	190.63	<50	187	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	6.22	--	189.57	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	5.61	--	190.18	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	5.50	--	190.29	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	05/18/11	4.61	--	191.18	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-2	03/11/99	7.93	--	92.81	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	**162**	--	--
100.74	05/25/99	8.18	--	92.56	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	08/12/99	8.94	--	91.80	<50	281	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	12/07/99	8.04	--	92.70	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	**17.0**	--	--
	02/10/00	8.32	--	92.42	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	**49.1**	--	--
	02/02/01	6.40	--	94.34	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--
	02/08/02	7.77	--	92.97	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	**40.6**	<1.00	--
	09/20/02	9.23	--	91.51	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	<1.00	--	--
	12/04/02	9.15	--	91.59	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	2.89	--	--
	03/05/03	8.28	--	92.46	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	**19.8**	--	--
	06/10/03	8.56	--	92.18	<50	<284	<568[e]	<0.500	1.36	<0.500	2.53	--	--	--	**40.1**	--	--
	09/03/03	9.13	--	91.61	<80	<298	<595[e]	0.829	1.25	0.519	2.49	--	--	--	**33.3**	--	--
	12/12/03	8.120	--	92.62	<50	<119	<237	<0.250	<0.500	<0.500	<1.500	--	--	--	<5.0	--	--
	03/24/04	8.13	--	92.61	<100	<124	<248	<1.00	<1.00	<1.00	<3.00	--	--	--	**21.3**		--
	6/17/2004	8.13	--	92.61	<50	<119	<238	<0.250	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	9/23/2004	8.33	--	92.41	<50	<271	<542[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/2004	7.82	--	92.92	<100	<239	<478	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	3/4/2005	8.34	--	92.40	<100	<239	<478	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	6/9/2005	8.66	--	92.08	<100	<238	<475	<1	<1	<1	<3	<1	--	--	--	<15	--
	9/15/2005	5.40	--	95.34	<48	<75	<94	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/2005	8.44	--	92.30	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	3/10/2006	8.28	--	92.46	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	8.71	--	92.03	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	<0.3	--	--	--	--	--
	03/07/07	7.80	--	92.94	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/01/07	8.38	--	92.36	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	09/06/07	9.06	--	91.68	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/03/07	6.69	--	94.05	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	8.05	--	92.69	<50	<800[c,e]	<1,000[c,e]	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	8.25	--	92.49	<50	<76[b]	<95[b]	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER 76 PRODUCTS FACILTY NO. 6380 (RMR 1571)
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

Well ID/ TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDC	EDB	Total Lead	Dissolved Lead	Ethanol
MW-7	06/01/07	6.99	--	92.65	210	--	--	<0.5	<0.7	<0.8	<0.8	0.8	--	--	--	--	--
(cont)	09/06/07	7.47	--	92.17	250	**1,000**	160	<0.5	<0.7	<0.8	<0.8	0.8	--	--	--	--	--
	12/03/07	4.97	--	94.67	400	**970**	140	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	6.47	--	93.17	240	**930**	100	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	6.13	--	93.51	240	**1,300**	**860**	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	09/10/08	7.20	--	92.44	250	**580**	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/10/08	6.88	--	92.76	260	460	<68	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
	03/31/09	6.62	--	93.02	352	220	<420	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/16/09	7.49	--	92.15	240	440	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
196.93	09/29/09	7.97	--	188.96	134	**839**	**566**	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	6.97	--	189.96	169	**891**	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/26/10	6.74	--	190.19	190	**1,120**	**518**	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	6.50	--	190.43	151	**1,200**	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	7.73	--	189.20	119	181	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	6.57	--	190.36	200	222	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	6.53	--	190.40	221	212	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	5/18/2011	5.80	--	191.13	260	**730**	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	1/11/2006	7.00	--	95.70	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
102.7	3/10/2006	7.50	--	95.20	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	7.97	--	94.73	<48	<77	<96	<0.2	<0.2	<0.2	<0.6	<0.3	--	--	--	--	--
	03/07/07	6.93	--	95.77	<48	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/01/07	7.77	--	94.93	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	09/06/07	8.45	--	94.25	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/03/07	7.51	--	95.19	<50	<76	290	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	7.30	--	95.40	<50	<150	**860**	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	7.22	--	95.48	<50[d]	240	**1,000**	<0.5[d]	0.7[d]	<0.5[d]	<0.5[d]	<0.5[d]	--	--	--	--	--
	09/10/08	8.20	--	94.50	<50	<79	<99	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/10/08	7.55	--	95.15	<50	<29	180	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
	03/31/09	7.10	--	95.60	<50	<82	<410	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/17/09	8.00	--	94.70	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	2.8	<0.010	1.3	<1.0	--
197.48	09/29/09	8.89	--	188.59	<50	88.5	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	7.40	--	190.08	57.9	112	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/26/10	7.40	--	190.08	<50	136	496	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	7.18	--	190.30	<50	99	<392	3.8	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	8.40	--	189.08	<50	<76.9	<385	3.0	<1.0	<1.0	<3.0	--	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER 76 PRODUCTS FACILTY NO. 6380 (RMR 1571)
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

Well ID/ TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDC	EDB	Total Lead	Dissolved Lead	Ethanol
MW-2	09/10/08	8.80	--	91.94	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
(cont)	12/10/08	Removed from sampling event this quarter.															
	03/31/09	7.90	--	92.84	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/17/09	8.53	--	92.21	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
198.03	09/29/09	9.38	--	188.65	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	7.99	--	190.04	Not part of the sampling schedule this reporting period.												
	02/26/10	8.10	--	189.93	Not part of the sampling schedule this reporting period.												
	06/04/10	7.76	--	190.27	Not part of the sampling schedule this reporting period.												
	08/03/10	8.93	--	189.10	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	7.99	--	190.04	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	7.64	--	190.39	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	05/18/11	7.30	--	190.73	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	03/11/99	4.93	--	92.91	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	6.35	--	--
97.84	05/25/99	5.19	--	92.65	210	383	<750[e]	<0.500	<0.500	3.04	3.93	--	--	--	--	--	--
	08/12/99	5.70	--	92.14	56.3	<250	<750[e]	<0.500	<0.500	0.732	1.84	--	--	--	--	--	--
	12/07/99	5.03	--	92.81	94.7	<250	<750[e]	<0.500	0.598	<0.500	<1.00	--	--	--	4.40	--	--
	02/10/00	4.92	--	92.92	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	**17.6**	--	--
	02/02/01	4.76	--	93.08	63.0	413	<750[e]	<0.500	<0.500	0.503	<1.00	--	--	--	--	<1.00	--
	02/08/02	4.59	--	93.25	91.5	410	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	**22.3**	<1.00	--
	09/20/02	5.88	--	91.96	129	372	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	<1.00	--	--
	12/04/02	5.26	--	92.58	147	371	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	4.60	--	--
	03/05/03	4.70	--	93.14	62.2	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	12.5	--	--
	06/10/03	5.31	--	92.53	<50	<250	<500	<0.500	0.562	<0.500	<1.00	--	--	--	6.90	--	--
	09/03/03	5.66	--	92.18	<80	<250	<500	2.12	0.753	<0.500	<1.00	--	--	--	<1.00	--	--
	12/12/03	4.785	--	93.06	<50	<119	<237	<0.250	<0.500	<0.500	<1.500	--	--	--	<5.0	--	--
	03/24/04	4.81	--	93.03	<100	<128	<256	<1.00	<1.00	<1.00	<3.00	--	--	--	**20.0**	--	--
	6/17/2004	4.97	--	92.87	<50	<119	<238	<0.250	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	9/23/2004	5.03	--	92.81	140	<255	<509[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/2004	4.53	--	93.31	<100	<239	<478	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	3/4/2005	5.02	--	92.82	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	6/9/2005	5.25	--	92.59	<100	<238	<475	<1	<1	<1	<3	<1	--	--	--	<15	--
	9/15/2005	7.20	--	90.64	<48	<75	<93	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/2005	5.09	--	92.75	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	3/10/2006	4.75	--	93.09	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	5.40	--	92.44	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	<0.3	--	--	--	--	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER 76 PRODUCTS FACILTY NO. 6380 (RMR 1571)
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

Well ID/ TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDC	EDB	Total Lead	Dissolved Lead	Ethanol
MW-3	03/07/07	4.42	--	93.42	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
(cont)	06/01/07	4.94	--	92.90	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	09/06/07	5.43	--	92.41	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/03/07	4.70	--	93.14	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	4.89	--	92.95	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	5.11	--	92.73	<50	100[b]	**560[b]**	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	09/10/08	5.30	--	92.54	<50	<78	<98	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/10/08	Removed from sampling event this quarter.															
	03/31/09	4.90	--	92.94	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/17/09	5.57	--	92.27	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
195.19	09/29/09	5.91	--	189.28	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	5.06	--	190.13	Not part of the sampling schedule this reporting period.												
	02/26/10	5.02	--	190.17	Not part of the sampling schedule this reporting period.												
	06/04/10	4.91	--	190.28	<50	111	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	5.71	--	189.48	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	4.83	--	190.36	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	4.86	--	190.33	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	05/18/11	4.44	--	190.75	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-4	03/11/99	6.39	--	93.05	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	**29.0**	--	--
99.44	05/25/99	6.62	--	92.82	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	08/12/99	7.31	--	92.13	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	12/07/99	6.37	--	93.07	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	10.2	--	--
	02/10/00	6.48	--	92.96	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	**23.6**	--	--
	02/02/01	6.37	--	93.07	<50	<250	<750[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--
	02/08/02	6.03	--	93.41	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	3.30	<1.00	--
	09/20/02	7.37	--	92.07	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	<1.00	--	--
	12/04/02	7.03	--	92.41	<50	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	<1.00	--	--
	03/05/03	6.33	--	93.11	<50	<284	<568[e]	<0.500	<0.500	<0.500	<1.00	--	--	--	6.81	--	--
	06/10/03	6.99	--	92.45	<50	<250	<500	<0.500	0.687	<0.500	1.26	--	--	--	10.5	--	--
	09/03/03	7.60	--	91.84	<80	<312	<625[e]	0.620	<0.500	<0.500	<1.00	--	--	--	2.75	--	--
	12/12/03	6.485	--	92.96	<50	<118	<237	<0.250	<0.500	<0.500	<1.500	--	--	--	<5.0	--	--
	03/24/04	6.54	--	92.90	<100	<133	<265	<1.00	<1.00	<1.00	<3.00	--	--	--	<5.0	--	--
	6/17/2004	5.91	--	93.53	<50	<119	<237	<0.250	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	9/23/2004	6.52	--	92.92	<50	<259	<518[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/2004	6.14	--	93.30	<100	<240	<480	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--

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FORMER 76 PRODUCTS FACILTY NO. 6380 (RMR 1571)
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

Well ID/ TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDC	EDB	Total Lead	Dissolved Lead	Ethanol
MW-4	3/4/2005	6.65	--	92.79	<100	<240	<481	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
(cont)	6/9/2005	6.91	--	92.53	<100	<237	<473	<1	<1	<1	<3	<1	--	--	--	<15	--
	9/15/2005	6.10	--	93.34	<48	150	<93	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/2005	6.73	--	92.71	<48	180	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	3/10/2006	6.28	--	93.16	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/03/06	6.80	--	92.64	<48	130	<95	<0.2	<0.2	<0.2	<0.6	0.8	--	--	--	--	--
	03/07/07	5.81	--	93.63	<48	83	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/01/07	6.60	--	92.84	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	09/06/07	7.12	--	92.32	<50	170	<95	<0.5	<0.7	<0.8	<0.8	0.6	--	--	--	--	--
	12/03/07	6.00	--	93.44	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	6.17	--	93.27	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	6.02	--	93.42	<50	<75[b]	<94[b]	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	09/10/08	6.85	--	92.59	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/10/08	Removed from sampling event this quarter.															
	03/31/09	6.17	--	93.27	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/16/09	7.09	--	92.35	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
196.77	09/29/09	7.71	--	189.06	<50	256	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	6.53	--	190.24	<50	142	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	2/26/2010	6.39	--	190.38	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	6/4/2010	6.19	--	190.58	<50	81.3	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	8/3/2010	7.38	--	189.39	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/2/2010	6.28	--	190.49	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	2/21/2011	6.22	--	190.55	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	5/18/2011	5.73	--	191.04	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-5	1/11/2006	4.04	--	97.10	<48	<75	<94	1.7	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
101.14	3/10/2006	3.81	--	97.33	65	<75	<94	**13**	0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	4.46	--	96.68	57	<76	<95	8.6	<0.2	<0.2	<0.6	<5.0	--	--	--	--	--
	03/07/07	3.48	--	97.66	<48	<76	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/01/07	4.10	--	97.04	<50	--	--	<0.5	<0.7	<0.8	<0.8	0.6	--	--	--	--	--
	09/06/07	4.43	--	96.71	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/03/07	4.64	--	96.50	<50	99	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	4.36	--	96.78	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	4.21	--	96.93	<50	91	<94	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	09/10/08	4.30	--	96.84	<50	<78	<98	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/10/08	Removed from sampling event this quarter.															

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER 76 PRODUCTS FACILTY NO. 6380 (RMR 1571)
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

Well ID/ TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDC	EDB	Total Lead	Dissolved Lead	Ethanol
MW-8	12/02/10	7.40	--	190.08	Not part of the sampling schedule this reporting period.												
(cont)	02/21/11	7.08	--	190.40	Not part of the sampling schedule this reporting period.												
	5/18/2011	6.52	--	190.96	<50	**740**	<370	1	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MTCA Method A Cleanup Levels:					1,000/800[a]	500	500	5	1,000	700	1,000	20	5	0.01	15	15	NE

Notes:

Bolding indicates a concentration greater than MTCA Method A Cleanup Level.
Groundwater monitoring data, top of casing elevations, and laboratory analytical results prior to May 18, 2011, provided by STANTEC Consulting Corporation.
Total and dissolved lead analyzed by USEPA Method 6020; after 09/03/03 by USEPA Method 6010.
Ethanol analyzed by EPA Method 8260B.
TPH-G analyzed by Ecology Method NWTPH-Gx.
TPH-D and TPH-O analyzed by Ecology Method NWTPH-Dx .
BTEX analyzed by USEPA Method 8020, 8021B, or 8260B.
MTBE analyzed by USEPA Method 8260B.
EDC analyzed by USEPA Method 8260B.
EDB analyzed by USEPA Method 8011.

a Concentration levels stated by MTCA Method A for TPH-G are 1000 µg/L when no benzene is present and 800 µg/L when benzene is present.
b The recovery for the LCS with this sample is below quality control limits. Since no sample remained for a reextraction the data is reported.
c Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.
d Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analyses. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this ample was pH=6.
e The laboratory RLs are above current MTCA Method A cleanup levels

Abbreviations:

BTEX = Benzene, toluene, ethylbenzene, total xylenes
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
ft = feet
MTCA = Model Toxics Control Act
MTBE = Methyl tertiary butyl ether
NE = Not Established
LCS = Laboratory control sample
LPH = Liquid-phase hydrocarbon
RLs = Reporting limits
TOC = Top of casing
TPH = Total Petroleum Hydrocarbons
TPH-G = TPH as gasoline-range organics
TPH-D = TPH as diesel-range organics
TPH-O = TPH as heavy oil-range organics
USEPA = United States Environmental Protection Agency
-- = Not measured/Not analyzed
< = Less than the stated laboratory reporting limit
µg/L = micrograms per liter

Attachment A:
Groundwater Monitoring and Sampling Data Package

WELL GAUGING DATA

Project # 110518-SL Date 5/18/11 Client Chevron

Site 200 S. 36th, Bellingham

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-1	0858	2					4.61	22.77		
MW-2	0847	2					7.30	20.88		
MW-3	0910	2					4.44	21.10		
MW-4	0922	2					5.73	20.33		
MW-5	0905	2					3.68	13.66		
MW-6	0917	2					5.22	13.81		
MW-7	0926	2					5.80	18.10		
MW-8	0852	2					6.52	17.60	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-1	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 22.77	Depth to Water (ft.): 4.61
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: 1050 Flow Rate: 200 ml/min Pump Depth: 13'

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.)
1053	13.45	6.64	854	200	1.67	-34.1	600	4.66
1056	13.50	6.65	857	216	0.98	-49.2	1200	4.68
1059	13.53	6.64	857	220	0.65	-54.9	1800	4.71
1102	13.53	6.63	858	225	0.63	-59.6	2400	4.72
1105	13.51	6.63	858	231	0.55	-63.7	3000	4.74

Did well dewater? Yes (No) Amount actually evacuated: 3.0 L

Sampling Time: 1105 Sampling Date: 5/18/11

Sample I.D.: MW-1 Laboratory: Lancaster

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 #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-2	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 20.88	Depth to Water (ft.): 7.30
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: 0944 Flow Rate: 300 ml/min Pump Depth: 14'

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.)
0947	12.32	6.50	487	18	1.42	89.1	900	07.35
0950	12.26	6.52	498	20	0.82	56.5	1800	07.37
0953	12.22	6.52	502	22	0.85	47.5	2700	7.37
0956	12.19	6.53	507	24	0.87	43.2	3600	7.37
0959	12.24	6.53	512	22	0.90	40.4	4500	7.37

Did well dewater? Yes (No) Amount actually evacuated: 4.5 L

Sampling Time: 1000 Sampling Date: 5/18/11

Sample I.D.: MW-2 Laboratory: Lancaster

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 #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-3	Well Diameter (in.): (2") 3 4 6 8 ___
Total Well Depth (ft.): 21.10	Depth to Water (ft.): 4.44
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: 1211 Flow Rate: 300 ml/min Pump Depth: 13'

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.)
1214	13.62	6.65	809	39	0.75	-45.9	900	@ 4.52
1217	13.26	6.69	803	47	0.64	-53.8	1800	4.54
1220	13.25	6.73	826	45	0.45	-65.7	2700	4.54
1223	13.23	6.76	843	41	0.34	-73.3	3600	4.55
1226	13.23	6.77	848	39	0.33	-75.6	4500	4.55
1229	13.22	6.77	850	40	0.31	-77.0	5400	4.55

Did well dewater? Yes (No) Amount actually evacuated: 5.4 l

Sampling Time: 1230 Sampling Date: 5/18/11

Sample I.D.: MW-3 Laboratory: Lancaster

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 #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-4	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 20.33	Depth to Water (ft.): 5.73
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: 1322 Flow Rate: 200 mL/min Pump Depth: 13'

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.)
1325	13.63	6.51	317	9	1.27	-14.7	600	5.77
1328	13.73	6.31	314	5	0.88	-24.8	1200	5.80
1331	13.68	6.37	316	4	0.69	-57.1	1800	5.82
1334	13.73	6.42	332	5	0.57	-96.7	2400	5.84
1337	13.74	6.48	336	4	0.55	-101.7	3000	5.87
1340	13.75	6.50	338	4	0.54	-105.9	3600	5.88

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

Sampling Time: 1340 Sampling Date: 5/18/11

Sample I.D.: MW-4 Laboratory: Lancaster

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 #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-5	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 13.66	Depth to Water (ft.): 3.68
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: 1125 Flow Rate: 100 ml/min Pump Depth: 9'

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.)
1131	13.91	7.49	1013	90	1.69	-29.2	600	3.90
1134	14.05	7.45	1016	67	0.97	-38.1	900	4.01
1137	14.13	7.35	1019	56	0.56	-43.4	1200	4.08
1140	14.14	7.30	1022	52	0.49	-47.3	1500	4.16
1143	14.12	7.22	1023	48	0.46	-50.4	1800	4.22
1146	14.16	7.17	1021	47	0.37	-52.0	2100	4.30
1149	14.19	7.15	1020	44	0.36	-54.2	2400	4.39

Did well dewater? Yes (No) Amount actually evacuated: 2.4 L

Sampling Time: 1150 Sampling Date: 5/18/11

Sample I.D.: MW-5 Laboratory: Lancaster

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 #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-6	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 13.81	Depth to Water (ft.): 5.22
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: 1246 Flow Rate: 200 ml/min Pump Depth: 9'

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.)
1249	13.27	6.66	780	17	1.11	-58.8	600	5.26
1252	13.36	6.69	778	11	0.50	-76.8	900	5.29
1255	13.35	6.70	777	6	0.44	-78.9	1800	5.31
1258	13.28	6.71	777	4	0.40	-82.1	2400	5.35
1301	13.28	6.72	776	4	0.35	-84.3	3000	5.37
1304	13.24	6.73	776	3	0.38	-85.6	3600	5.40

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

Sampling Time: 1305 Sampling Date: 5/18/11

Sample I.D.: MW-6 Laboratory: Lancaster

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 #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-7	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 18.10	Depth to Water (ft.): 5.80
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: 1355 Flow Rate: 100 mL/min Pump Depth: 12'

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.)
1401	14.61	8.74	803	14	0.67	-208.1	600	5.89
1404	14.67	8.73	806	7	0.56	-221.7	900	5.95
1407	14.74	8.25	808	5	0.54	-217.4	1200	6.01
1410	14.71	8.20	810	3	0.49	-217.1	1500	6.07
1413	14.69	8.17	810	3	0.46	-216.7	1800	6.12

Did well dewater? Yes (No) Amount actually evacuated: 1.8L

Sampling Time: 1415 Sampling Date: 5/18/11

Sample I.D.: MW-7 Laboratory: Lancaster

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 #: 110518-SL1	Client: Chevron
Sampler: SL	Gauging Date: 5/18/11
Well I.D.: MW-8	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 17.60	Depth to Water (ft.): 6.52
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: 1017 Flow Rate: 200ml/min Pump Depth: 12'

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.)
1020	12.94	6.64	850	75	0.77	-76.7	600	6.88
1023	12.81	6.63	864	89	0.71	-84.5	1200	6.90
1026	12.80	6.64	864	83	0.64	-89.7	1800	6.93
1029	12.87	6.66	865	88	0.62	-91.2	2400	6.93

Did well dewater? Yes (No) Amount actually evacuated: 2.4 L

Sampling Time: 1030 Sampling Date: 5/18/11

Sample I.D.: MW-8 Laboratory: Lancaster

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

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

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 6001 Bollinger Canyon Road ■ San Ramon, CA 94583-2324

COC 1 of 1

Chevron Site Number: 35-1448

Program Designation: CMP

Site Address (street, city, state / county): 200 S 36th St, Bellingham, WA

Chevron PM:

Chevron PM Phone No.:

☐ Retail and Terminal Business Unit (RTBU) Job
☐ Construction/Retail Job

Chevron Consultant: SAIC

Address: 405 S 8th St, Suite 301, Boise ID

Consultant Contact: Ron Santos

Consultant Phone No. (208) 429-3772

Consultant Project No. 110518-SL1

Sampling Company: Blaine Tech Services

Sampled By (Print): S. Lane

Sampler Signature: S Lane

Charge Code:
NWRTB 00SITE NUMBER-0- OML

WBS ELEMENTS:
SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L

Lancaster Laboratories
☒ Lancaster, PA
Lab Contact: Megan Moeller
2425 New Holland Pike,
Lancaster, PA 17601
Phone No:
(717)656-2300

Other Lab

Temp. Blank Check
Time / Temp.
0900 2°C
1100 2°C
1300 2°C

ANALYSES REQUIRED

Preservation Codes
H =HCL T= Thiosulfate
N =HNO_3 B = NaOH
S = H_2SO_4 O = Other
H

Special Instructions

Notes/Comments

SAMPLE ID							TPH-D w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ SGC)	TPH-O w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ SGC)	TPH-G (NWTPH-Gx)	8260B FULL LIST☐ EDC☐ TBA☐ TAME☐ ETBE☐ ETHANOL☐ BTEX☒ MTBE☐	PAH's☐ cPAH's☐ 8270 SIM	DISSOLVED LEAD (6020)	TOTAL LEAD (6020)	EDB (8011) ☐				
Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type												
MW-1	W		110518	1105	11		X		X	X								
MW-2	W			1000	11		X		X	X								
MW-3	W			1230	11		X		X	X								
MW-4	W			1340	11		X		X	X								
MW-5	W			1150	11		X		X	X								
MW-6	W			1305	11		X		X	X								
MW-7	W			1415	11		X		X	X								
MW-8	W			1030	11		X		X	X								
QA	T			0830	2				X	X								

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
S Lane	BTS	5/19/11 1700	Shipped by FedEx		5/19/11 1700
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

Turnaround Time:
Standard☒ 24 Hours☐ 48 hours☐ 72 Hours☐
Other☐

Sample Integrity: (Check by lab on arrival)
Intact: On Ice: Temp:
COC #

WELLHEAD INSPECTION FORM

Client: Chevron Site: 351448 Date 5/18/11

Job #: 110518-SL1 Technician: SL 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 lock 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-1	X														
MW-2	X														
MW-3						1/3									
MW-4	X														
MW-5						1/3									
MW-6				X		1/3									
MW-7						2/3									
MW-8	X														

Notes:

CHEVRON TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF WASHINGTON OR OREGON. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND-WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY EMERALD SERVICES

The contractor performing this work is BLAINE TECH SERVICES, INC. 22727 72ND Ave South, Suite D – 102, Kent, WA 98032. BTS Seattle adress. Blaine Tech Services, Inc. is authorized by CHEVRON PRODUCTS COMPANY (CHEVRON) to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the CHEVRON facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Chevron facility to BTS; from one Chevron facility to BTS via another Chevron facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of CHEVRON.

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

351448
CHEVRON # Chevron Engineer

200 S. 36th, Bellingham
street number street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	1		
MW-2	2		
MW-3	2		
MW-4	1		
MW-5	0.5		
MW-6	1		
MW-7	0.5		
MW-8	0.5		
added equip. rinse water	4	any other adjustments	

TOTAL GALS. RECOVERED 12.5

loaded onto BTS vehicle # 86

BTS event # 110518-SL1 time 1445 date 5/18/11

signature SLR

****

REC'D AT time date

unloaded by signature

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: Chevron Date 5/18/11

Site Address: 200 S. 36th, Bellingham

Job Number: 110518-SL1 Technician(s): SL

Pre-Job Safety Review

1. JMP reviewed, site restrictions and parking/access issues addressed. Reviewed: ☒

2. Special Permit Required Task Review

Are there any conditions or tasks that would require:

	Yes	No
Confined space entry	☐	☒
Working at height	☐	☒
Lock-out/Tag-out	☐	☒
Excavations greater than 4 feet deep	☐	☒
Excavations within 3 feet of a buried active electrical line or product piping or within 10 feet of a high pressure gas line.	☐	☒
Use of overhead equipment within 15 feet of an overhead electrical power line or pole supporting one	☐	☒
Hot work	☐	☒

If "Yes" was the answer to any of the Special Permit Required Tasks above, the Project Manager will contact the client and arrange to modify the Scope of Work so that the Special Permit Required Tasks are not required to be performed by Blaine Tech Services employees.

3. Is a Traffic Control Permit required for today's work?

	Yes	No
	☐	☒
If so is it in the folder?	☐	☐
Is it current?	☐	☐
Do you understand the Traffic Control Plan and what equipment you will need?	☐	☐

On site Pre-Job Safety Review

1. Reviewed and signed the site specific HASP.	☒
2. Route to hospital understood.	☒
3. Reviewed "Groundwater Monitoring Well Sampling General Job Safety Analysis included in the HASP.	☒
4. Exceptional circumstances today that are not covered by the HASP, JSA or JMP have been addressed and mitigated.	☒
5. Understands procedure to follow, if site circumstances change, to address new site hazards.	☒
6. There are no unexpected conditions which would make your task a Special Permit Required Task. If there is, contact your Project Manager.	☒
7. All site hazards have been communicated to all necessary onsite personnel during tailgate safety meeting.	☒
8. After lunch tailgate safety meeting refresher conducted.	☒

If Checklist Task cannot be completed, explain:

Permit To Work Authority: [signature] | Name | PM | Title | 5-2-11 | Date | 1309 | Time

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Chevron				JOB NUMBER 110518-SL1				
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED WITHIN 10% Y or N	COMMENTS	°C TEMP.	INIT
YSI 556	BTS SEA	5/18/11 0931	pH 4 7 10	pH 4.00 6.98 10.00	✓		15.38	EO
↓	↓	↓	3900 µS	3901 µS	✓		15.83	EO
↓	↓	↓	244.0 mV	244.0 mV	✓		14.99	EO
↓	↓	↓	100% D.O.	99.1%	✓		13.25	EO

Attachment B:
Laboratory Analysis Report

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

June 03, 2011

Project: 351448

Submittal Date: 05/20/2011
Group Number: 1247974
PO Number: 0015080262
Release Number: INGLIS
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
MW-1 Water Sample	6294435
MW-2 Water Sample	6294436
MW-3 Water Sample	6294437
MW-4 Water Sample	6294438
MW-5 Water Sample	6294439
MW-6 Water Sample	6294440
MW-7 Water Sample	6294441
MW-8 Water Sample	6294442
QA Water Sample	6294443

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

ELECTRONIC COPY TO	SAIC	Attn: Mike Lange
ELECTRONIC COPY TO	SAIC	Attn: Ron Santos
ELECTRONIC COPY TO	Blaine Tech Services	Attn: Alex Stack

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Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294435
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 11:05 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F111501AA	05/31/2011 16:55	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F111501AA	05/31/2011 16:55	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 14:41	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 14:41	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111440019A	05/26/2011 00:18	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111440019A	05/24/2011 18:10	Kathryn I DeHaven	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294436
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 10:00 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F111501AA	05/31/2011 17:17	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F111501AA	05/31/2011 17:17	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 15:03	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 15:03	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111440019A	05/26/2011 00:39	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111440019A	05/24/2011 18:10	Kathryn I DeHaven	1

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Analysis Report

Sample Description: MW-3 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294437
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 12:30 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1

General Sample Comments

State of Washington Lab Certification No. C259

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F111501AA	05/31/2011 17:39	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F111501AA	05/31/2011 17:39	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 15:47	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 15:47	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111440019A	05/26/2011 01:01	Melissa McDermott	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111440019A	05/24/2011 18:10	Kathryn I DeHaven	1

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Analysis Report

Sample Description: MW-4 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294438
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 13:40 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F111501AA	05/31/2011 18:00	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F111501AA	05/31/2011 18:00	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 16:09	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 16:09	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111460030A	05/30/2011 21:36	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111460030A	05/27/2011 09:20	Roza S Goslawska	1

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Analysis Report

Sample Description: MW-5 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294439
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 11:50 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	49	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F111501AA	05/31/2011 18:22	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F111501AA	05/31/2011 18:22	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 16:30	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 16:30	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111460030A	05/30/2011 22:19	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111460030A	05/27/2011 09:20	Roza S Goslawska	1

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Analysis Report

Sample Description: MW-6 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294440
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 13:05 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	32	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	74	1

General Sample Comments

State of Washington Lab Certification No. C259

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F111501AA	05/31/2011 18:43	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F111501AA	05/31/2011 18:43	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 16:52	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 16:52	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111460030A	05/30/2011 21:58	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111460030A	05/27/2011 09:20	Roza S Goslawska	1

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Analysis Report

Sample Description: MW-7 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294441
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 14:15 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	260	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	730	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	D111511AA	05/31/2011 20:48	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D111511AA	05/31/2011 20:48	Kelly E Keller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 17:14	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 17:14	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111460030A	05/30/2011 22:40	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111460030A	05/27/2011 09:20	Roza S Goslawska	1

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Analysis Report

Sample Description: MW-8 Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294442
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 10:30 by SL

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36B08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	1	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	740	160	5
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	370	5

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	D111511AA	05/31/2011 21:10	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D111511AA	05/31/2011 21:10	Kelly E Keller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 17:36	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 17:36	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	111460030A	05/30/2011 23:21	Glorines Suarez-Rivera	5
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	111460030A	05/27/2011 09:20	Roza S Goslawska	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: QA Water Sample
Facility# 351448
200 S 36th St - Bellingham, WA

LLI Sample # WW 6294443
LLI Group # 1247974
Account # 11255

Project Name: 351448

Collected: 05/18/2011 08:30

Submitted: 05/20/2011 09:20
Reported: 06/03/2011 19:29

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

36BQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	D111511AA	05/31/2011 21:33	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D111511AA	05/31/2011 21:33	Kelly E Keller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11143B20A	05/26/2011 13:36	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11143B20A	05/26/2011 13:36	Laura M Krieger	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1247974
Reported: 06/03/11 at 07:29 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D111511AA	Sample number(s): 6294441-6294443							
Benzene	N.D.	0.5	ug/l	103		79-120		
Ethanol	N.D.	50.	ug/l	112		54-149		
Ethylbenzene	N.D.	0.5	ug/l	102		79-120		
Toluene	N.D.	0.5	ug/l	104		79-120		
Xylene (Total)	N.D.	0.5	ug/l	100		80-120		
Batch number: F111501AA	Sample number(s): 6294435-6294440							
Benzene	N.D.	0.5	ug/l	100		79-120		
Ethanol	N.D.	50.	ug/l	104		54-149		
Ethylbenzene	N.D.	0.5	ug/l	93		79-120		
Toluene	N.D.	0.5	ug/l	96		79-120		
Xylene (Total)	N.D.	0.5	ug/l	92		80-120		
Batch number: 11143B20A	Sample number(s): 6294435-6294443							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	88	90	75-135	2	30
Batch number: 111440019A	Sample number(s): 6294435-6294437							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	88	83	56-103	6	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 111460030A	Sample number(s): 6294438-6294442							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	81	83	56-103	2	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D111511AA	Sample number(s): 6294441-6294443 UNSPK: P294939								
Benzene	95	110	80-126	15	30				
Ethanol	97	111	53-146	13	30				
Ethylbenzene	92	110	71-134	18	30				
Toluene	91	108	80-125	16	30				
Xylene (Total)	91	107	79-125	16	30				
Batch number: F111501AA	Sample number(s): 6294435-6294440 UNSPK: P293902								
Benzene	107	110	80-126	3	30				
Ethanol	92	96	53-146	5	30				
Ethylbenzene	102	103	71-134	1	30				

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

Quality Control Summary

Client Name: Chevron Group Number: 1247974
Reported: 06/03/11 at 07:29 PM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Toluene	102	106	80-125	3	30				
Xylene (Total)	99	101	79-125	1	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: D111511AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6294441	100	98	99	99
6294442	99	102	98	96
6294443	99	102	97	97
Blank	100	101	98	97
LCS	100	103	98	98
MS	99	103	97	98
MSD	98	104	97	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F111501AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6294435	98	103	98	92
6294436	99	105	97	90
6294437	98	104	99	92
6294438	98	105	98	91
6294439	95	103	99	92
6294440	97	105	97	92
Blank	100	105	97	91
LCS	96	106	97	97
MS	96	105	99	97
MSD	97	104	98	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 11143B20A

	Trifluorotoluene-F
6294435	80
6294436	69
6294437	70
6294438	69
6294439	81
6294440	69
6294441	70

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

Quality Control Summary

Client Name: Chevron
Reported: 06/03/11 at 07:29 PM

Group Number: 1247974

Surrogate Quality Control

6294442	73
6294443	69
Blank	69
LCS	101
LCSD	105
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 111440019A

	Orthoterphenyl
6294435	99
6294436	98
6294437	91
Blank	93
LCS	118
LCSD	112
Limits:	50-150

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 111460030A

	Orthoterphenyl
6294438	89
6294439	97
6294440	98
6294441	101
6294442	83
Blank	92
LCS	106
LCSD	107
Limits:	50-150

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

acct# 11255 Cp# 1247974 Sample# 6294435-43

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 6001 Bollinger Canyon Road ■ San Ramon, CA 94583-2324 COC 1 of 1

Chevron Site Number: 35-1448
Program Designation: CMP
Site Address (street, city, state / county): 200 S 36th St, Bellingham, WA
Chevron PM:
Chevron PM Phone No.:
☐ Retail and Terminal Business Unit (RTBU) Job
☐ Construction/Retail Job

Chevron Consultant: SAIC
Address: 405 S 8th St. Suite 301, Boise ID
Consultant Contact: Ron Santos
Consultant Phone No. (208) 429-3772
Consultant Project No. 110518-SL1
Sampling Company: Blaine Tech Services
Sampled By (Print): S. Lane
Sampler Signature: S Lane

Charge Code: NWRTB 00SITE NUMBER-0- OML
WBS ELEMENTS:
SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L

Lancaster Laboratories
☒ Lancaster, PA
Lab Contact: Megan Moeller
2425 New Holland Pike,
Lancaster, PA 17601
Phone No:
(717)656-2300

Other Lab

Temp. Blank Check
Time / Temp.
0900 2°C
1100 2°C
1300 2°C

ANALYSES REQUIRED

Preservation Codes: H =HCL T= Thiosulfate; N =HNO_3 B = NaOH; S = H_2SO_4 O = Other — H

Special Instructions

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	TPH-D W/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ SGC)	TPH-O w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ SGC)	TPH-G (NWTPH-Gx)	8260B FULL LIST☐ EDC☐ TBA☐ TAME☐ ETBE☐ ETHANOL☒ BTEX☒ MTBE☐	PAH's☐ cPAH's☐ 8270 SIM	DISSOLVED LEAD (6020)	TOTAL LEAD (6020)	EDB (8011) ☐	Notes/Comments
MW-1	W		110518	1105	11		X		X	X					
MW-2	W			1000	11		X		X	X					
MW-3	W			1230	11		X		X	X					
MW-4	W			1340	11		X		X	X					
MW-5	W			1150	11		X		X	X					
MW-6	W			1305	11		X		X	X					
MW-7	W			1415	11		X		X	X					
MW-8	W			1030	11		X		X	X					
QA	T			0830	2				X	X					

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
S Lane	BTS	5/19/11 1700	Shipped by FedEx		5/19/11 1700
			Mary Hart	LL	5/20/11 920

Turnaround Time: Standard☒ 24 Hours☐ 48 hours☐ 72 Hours☐ Other☐

Sample Integrity: (Check by lab on arrival)
Intact: X On Ice: X Temp: 1.4-2.3°C
COC #

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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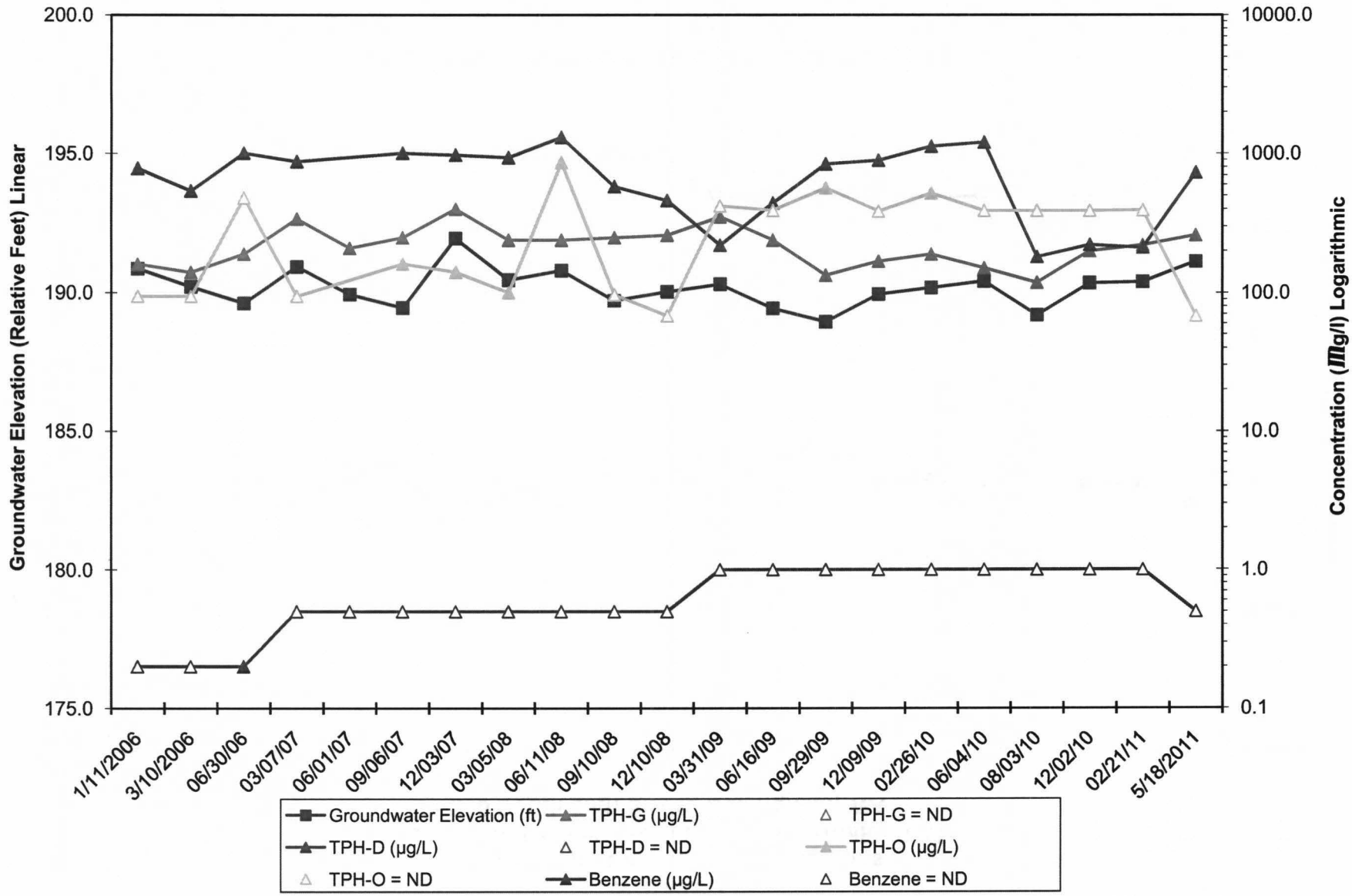
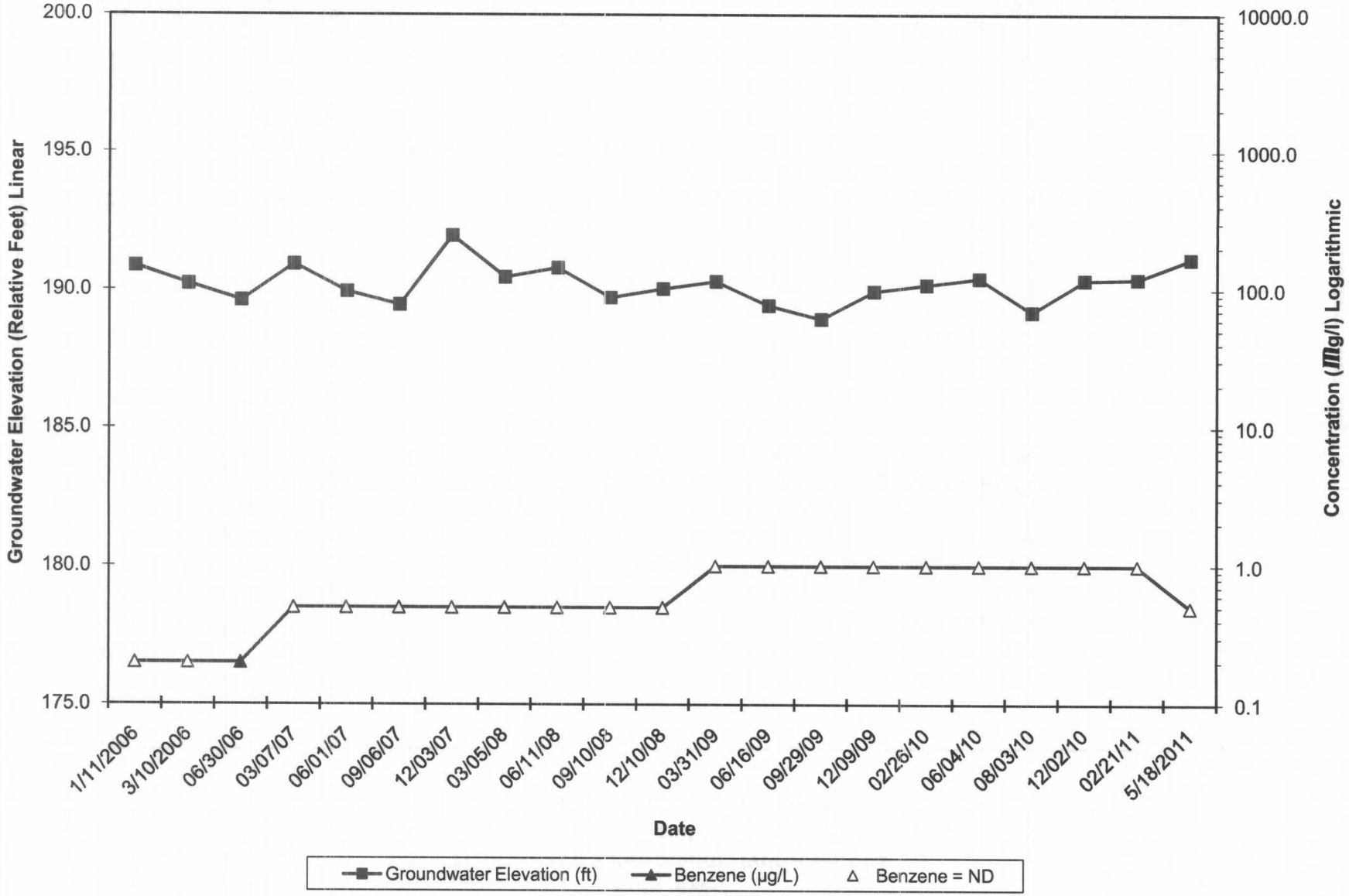
Attachment C:
Hydrographs

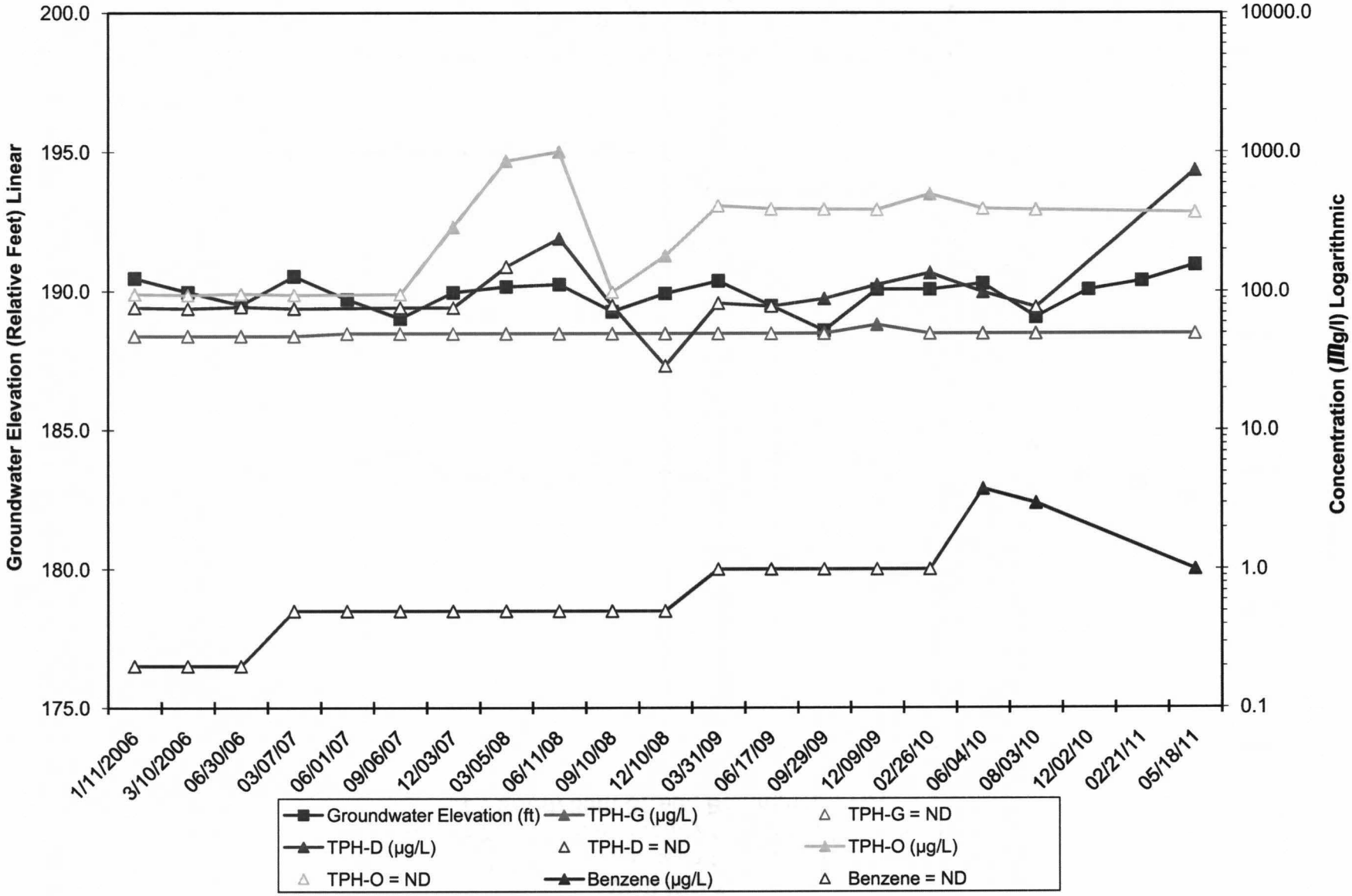
Well MW-7
Hydrograph - Petroleum Hydrocarbons
Former 76 Products Facility No. 6380 (RMR 1571)
200 South 36th Street, Bellingham, WA



Well MW-7
Hydrograph - Benzene Concentrations
Former 76 Products Facility No. 6380 (RMR 1571)
200 South 36th Street, Bellingham, WA



Well MW-8
Hydrograph - Petroleum Hydrocarbons
Former 76 Products Facility No. 6380 (RMR 1571)
200 South 36th Street, Bellingham, WA



Well MW-8
Hydrograph - Benzene Concentrations
Former 76 Products Facility No. 6380 (RMR 1571)
200 South 36th Street, Bellingham, WA