Tosco 6380
Bellingham
Release 471259

LUST 471259

SAIC

November 5, 2012

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

Subject: **Third Quarter 2012 Groundwater Monitoring and Sampling Report**
76 Products Facility No. 351448
200 South 36th Street
Bellingham, Washington
Washington State Department of Ecology Facility No. 11191596

Dear Ms. Musa:

On behalf of Chevron Environmental Management Company, for itself and as Attorney-in-Fact for Union Oil Company of California (EMC), SAIC Energy, Environment & Infrastructure, LLC (SAIC) submits this groundwater monitoring and sampling report for the above-referenced site (Figure 1). Quarterly groundwater monitoring and sampling activities were conducted by Blaine Tech Services, Inc. (Blaine Tech) on August 16, 2012. The Blaine Tech groundwater monitoring and sampling package is provided as Attachment A.

FIELD ACTIVITIES

On August 16, 2012, the depth to groundwater was measured in wells MW-1 through MW-8. The groundwater elevation ranged from 189.37 (MW-7) to 190.48 (MW-5) feet above mean sea level. Groundwater flow is to the west at a gradient of approximately 0.008 to 0.02 feet per foot. 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 Eurofins Lancaster Laboratories, Inc. in Lancaster, Pennsylvania.

Groundwater samples were submitted for the following analyses:

- Total petroleum hydrocarbons (TPH) as gasoline-range organics by Northwest Method NWTPH-Gx;
- TPH as diesel-range organics (TPH-D) and TPH as heavy oil-range organics by Northwest Method NWTPH-Dx;

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405 S 8th Street | Suite 301 | Boise, ID 83702 | tel: (208) 344-5001 | fax: (208) 344-5123 | saic.com\eeandi

- Benzene, toluene, ethylbenzene, total xylenes, and ethanol by United States Environmental Protection Agency (USEPA) Method 8260B;
- Nitrate and sulfate by USEPA Method 300.0; and
- Alkalinity by SM20 2320 B Method.

Laboratory analytical results are included as Attachment B, and groundwater analytical and field results are provided in Tables 1 and 2 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 third quarter 2012 sampling event indicate that petroleum-hydrocarbon constituent concentrations are generally consistent with respect to historical downward trending data. In addition, the groundwater elevation, flow direction, and gradient are consistent with historical measurements. Below is a summary of analytical results.

- Laboratory results indicate that the TPH-D concentration in monitoring well MW-7 exceeded the Model Toxics Control Act (MTCA) Method A cleanup level.
- Benzene concentration in monitoring well MW-1 exceeded the MTCA Method A cleanup level.
- Remaining analytes for all other wells were below their respective MTCA Method A cleanup levels or laboratory reporting limits.

Monitored natural attenuation parameters have been included in the site monitoring scope to evaluate the bioremediation process. The plume geochemistry indicates biodegradation is occurring in the subsurface. For wells with hydrocarbons, nitrate is depleted, ferrous iron is elevated, and sulfate concentrations are reduced. Wells that are downgradient and hydrocarbons were not detected, show relatively higher nitrate and sulfate concentrations.

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

State of Washington 2357 Licensed Geologist
Gabriel Cisneros

Enclosures:
Figure 1 – Potentiometric Map
Figure 2 – Site Plan with Groundwater Analytical Results
Table 1 – Groundwater Monitoring Data and Analytical Results
Table 2 – Groundwater MNA Parameters
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

REPORT LIMITATIONS

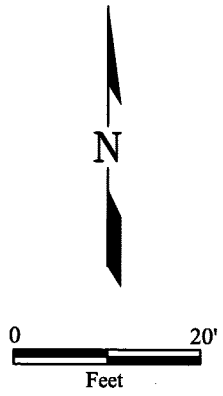
This technical document was prepared on behalf of Chevron and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by SAIC. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges that they do so at their own risk, and that SAIC shall have no responsibility or liability for the consequences thereof.

Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from CEMC and others. SAIC has not made, nor has it been asked to make, any independent investigation concerning the accuracy, reliability, or completeness of such information beyond that described in this technical document.

Recognizing reasonable limits of time and cost, this technical document cannot wholly eliminate uncertainty regarding the vertical and lateral extent of impacted environmental media.

Opinions and recommendations presented in this technical document apply only to site conditions and features as they existed at the time of SAIC's site visits or site work and cannot be applied to conditions and features of which SAIC is unaware and has not had the opportunity to evaluate.

All sources of information on which SAIC has relied in making its conclusions (including direct field observations) are identified by reference in this technical document or in appendices attached to this technical document. Any information not listed by reference or in appendices has not been evaluated or relied upon by SAIC in the context of this technical document. The conclusions, therefore, represent our professional opinion based on the identified sources of information.



LEGEND

W-1 ⊕	MONITORING WELL LOCATION
- - - —	SITE BOUNDARY
[189.62]	GROUNDWATER ELEVATION NOT USED IN CONTOUR
(189.67)	GROUNDWATER ELEVATION IN FEET
0.50 ——	GROUNDWATER ELEVATION CONTOUR AT A 0.25 INTERVAL (DASHED WHERE INFERRED)
←	APPROXIMATE GROUNDWATER FLOW DIRECTION AT A GRADIENT OF APPROXIMATELY 0.008 TO 0.02 FT/FT

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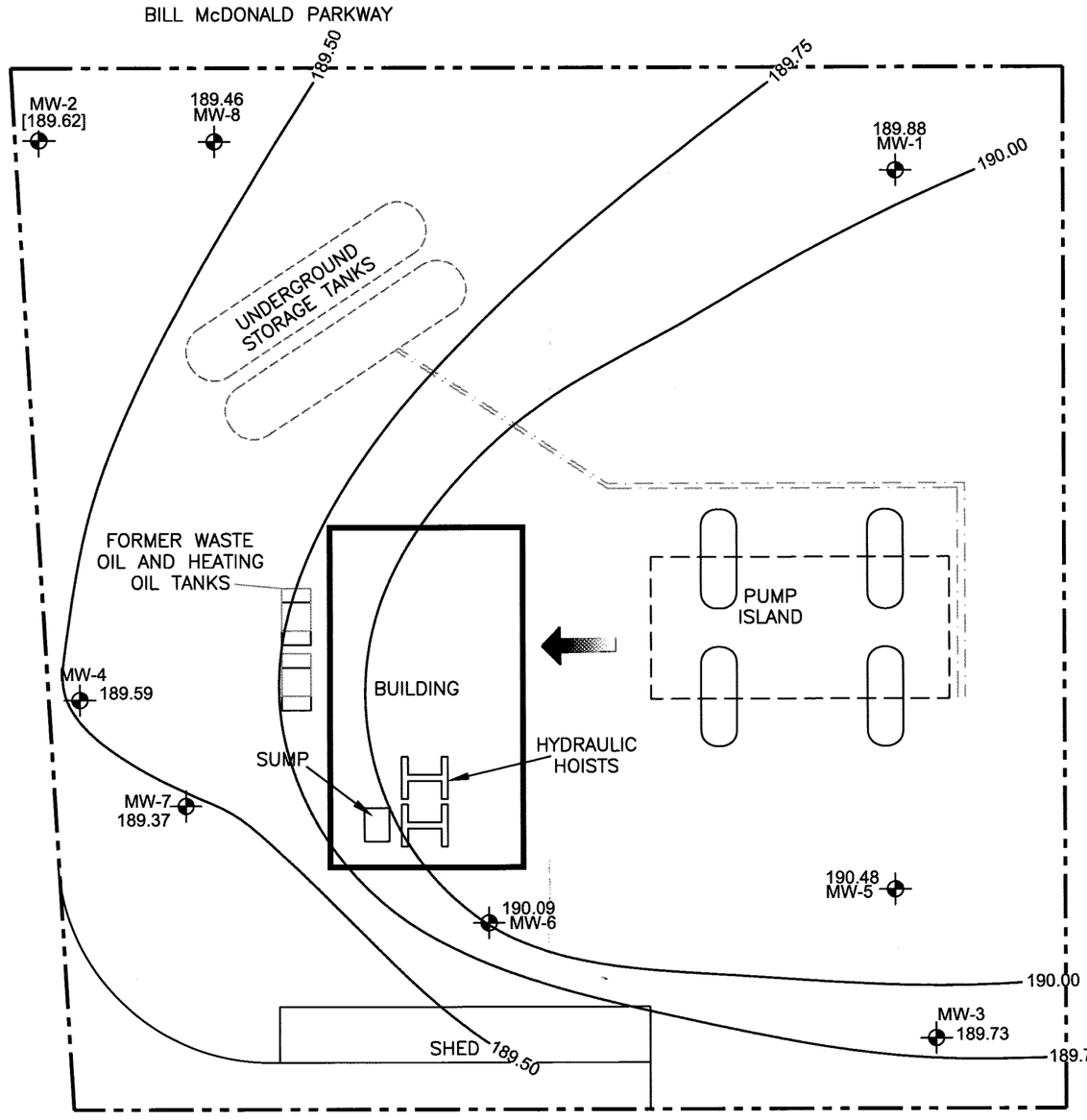
FIGURE 1
Potentiometric Map
August 16, 2012

DATE: 10/3/2012 | DRAWING: 351448 Site Map.dwg



N

0 20'

Feet

LEGEND

MW-1 ⊕	MONITORING WELL LOCATION
— - — - —	SITE BOUNDARY
[189.62]	GROUNDWATER ELEVATION NOT USED IN CONTOUR
(189.67)	GROUNDWATER ELEVATION IN FEET
190.50 ——	GROUNDWATER ELEVATION CONTOUR AT A 0.25 INTERVAL (DASHED WHERE INFERRED)
◀	APPROXIMATE GROUNDWATER FLOW DIRECTION AT A GRADIENT OF APPROXIMATELY 0.008 TO 0.02 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.

76 Products Facility No. 351448
200 South 36th Street
Bellingham, Washington

FIGURE 1
Potentiometric Map
August 16, 2012

DATE: 10/3/2012 | DRAWING: 351448 Site Map.dwg

BILL McDONALD PARKWAY

SOUTH SAMISH WAY

MW-8	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	<50	56	<50	<50
TPH-D	<30	<29	<30	<29
TPH-O	<69	<67	<70	<67
B	<0.5	1	2	<0.5
T	<0.5	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-2	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	<50	<50	<50	<50
TPH-D	<30	<28	<29	<29
TPH-O	<69	<66	<69	<67
B	<0.5	<0.5	<0.5	<0.5
T	<0.5	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-4	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	<50	<50	<50	<50
TPH-D	<29	<28	<29	<29
TPH-O	<68	<66	<68	<67
B	<0.5	<0.5	<0.5	<0.5
T	<0.5	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-7	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	180	210	130	340
TPH-D	160	**670**	**610**	**950**
TPH-O	<67	<67	<67	<67
B	<0.5	<0.5	<0.5	<0.5
T	<0.5	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-6	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	<50	<50	<50	<50
TPH-D	<29	<29	<30	<29
TPH-O	<67	<67	<69	<67
B	<0.5	<0.5	<0.5	<0.5
T	<0.5	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-5	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	<50	<50	<50	<50
TPH-D	<30	<29	<30	<28
TPH-O	<69	<67	<70	<66
B	<0.5	<0.5	<0.5	<0.5
T	<0.5	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-3	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	<50	<50	<50	<50
TPH-D	<29	34	<30	<28
TPH-O	<67	120	<70	<66
B	<0.5	<0.5	<0.5	<0.5
T	<0.5	<0.5	<0.5	<0.5
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-1	11/22/11	3/30/12	5/8/12	8/16/12
TPH-G	<50	<50	<50	<50
TPH-D	<29	<29	<29	30
TPH-O	<68	<67	<68	<66
B	<0.5	**40**	**10**	**19**
T	<0.5	2	0.9	0.7
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<0.5	<0.5	<0.5

MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8

UNDERGROUND STORAGE TANKS

FORMER WASTE OIL AND HEATING OIL TANKS

BUILDING

SUMP

HYDRAULIC HOISTS

PUMP ISLAND

SHED

N

0 20'
Feet

LEGEND

MONITORING WELL 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

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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.

76 Products Facility No. 351448
200 South 36th Street
Bellingham, Washington

FIGURE 2
Site Plan with Groundwater Analytical Results (August 16, 2012)

DATE: 6/14/2012 | DRAWING: 351448 Site Map.dwg

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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	5.53	--	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	--	--
	06/17/04	5.10	--	93.39	<50	<118	<237	4.98	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	09/23/04	5.28	--	93.21	190	<267	<535[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/04	5.42	--	93.07	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	03/04/05	5.73	--	92.76	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	06/09/05	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.												
	02/26/10	5.33	--	190.46	<50	<77.7	<388	4.4	1.5	<1.0	7.2	--	--	--	--	--	--
	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
	08/17/11	6.12	--	189.67	<50	57	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	5.99	--	189.80	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	6.22	--	189.57	<50	<29	<67	**40**	2	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	5.02	--	190.77	<50	<29	<68	**10**	0.9	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	5.91	--	189.88	<50	30	<66	**19**	0.7	<0.5	<0.5	--	--	--	--	--	<50

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TABLE 1
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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	4.79	--	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**	--	--
	06/17/04	4.97	--	92.87	<50	<119	<238	<0.250	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	09/23/04	5.03	--	92.81	140	<255	<509[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/04	4.53	--	93.31	<100	<239	<478	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	03/04/05	5.02	--	92.82	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	06/09/05	5.25	--	92.59	<100	<238	<475	<1	<1	<1	<3	<1	--	--	--	<15	--
	09/15/05	7.20	--	90.64	<48	<75	<93	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/05	5.09	--	92.75	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	03/10/06	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	--	--	--	--	--
	03/07/07	4.42	--	93.42	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	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
	08/17/11	5.62	--	189.57	<50	37	<76	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	5.22	--	189.97	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	5.31	--	189.88	<50	34	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	4.85	--	190.34	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	5.46	--	189.73	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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-5	01/11/06	4.04	--	97.10	<48	<75	<94	1.7	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
101.14	03/10/06	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.															
	03/31/09	4.45	--	96.69	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/16/09	4.80	--	96.34	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
195.00	09/29/09	5.53	--	189.47	<50	183	<386	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	4.33	--	190.67	Not part of the sampling schedule this reporting period.												
	02/26/10	4.52	--	190.48	63.1	93.6	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	4.82	--	190.18	Not part of the sampling schedule this reporting period.												
	08/03/10	5.31	--	189.69	141	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	4.45	--	190.55	Not part of the sampling schedule this reporting period.												
	02/21/11	3.79	--	191.21	Not part of the sampling schedule this reporting period.												
	05/18/11	3.68	--	191.32	<50	49	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/17/11	5.11	--	189.89	<50	<30[f]	<69[f]	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	4.60	--	190.40	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	4.43	--	190.57	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	4.45	--	190.55	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	4.52	--	190.48	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	01/11/06	4.89	--	94.85	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
99.74	03/10/06	5.47	--	94.27	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	6.50	--	93.24	<48	<80	<100	<0.2	<0.2	<0.2	<0.6	<0.3	--	--	--	--	--
	03/07/07	5.08	--	94.66	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/10/07	5.73	--	94.01	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	09/06/07	6.22	--	93.52	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/03/07	5.46	--	94.28	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	5.46	--	94.28	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	5.39	--	94.35	<50	<76	250	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	09/10/08	5.95	--	93.79	<50	<79	<98	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/10/08	Removed from sampling event this quarter.															
	03/31/09	5.75	--	93.99	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/16/09	6.50	--	93.24	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
196.52	09/29/09	7.04	--	189.48	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	5.87	--	190.65	<50	121	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/26/10	5.91	--	190.61	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	5.69	--	190.83	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	6.68	--	189.84	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	5.71	--	190.81	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	5.68	--	190.84	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--

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GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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	12/09/09	7.40	--	190.08	57.9	112	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
(cont.)	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	--	--	--	--	--	--
	12/02/10	7.40	--	190.08	Not part of the sampling schedule this reporting period.												
	02/21/11	7.08	--	190.40	Not part of the sampling schedule this reporting period.												
	05/18/11	6.52	--	190.96	<50	**740**	<370	1	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/17/11	8.35	--	189.13	<50	<30[g]	<70[g]	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	8.17	--	189.31	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	7.08	--	190.40	56	<29	<67	1	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	7.13	--	190.35	<50	<30	<70	2	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	8.02	--	189.46	<50	<29	<67	<0.5	<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

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
QC = Quality control
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

NOTES:

Bolding indicates a concentration greater than MTCA Method A Cleanup Level.
Groundwater monitoring data, TOC elevations, and laboratory analytical results prior to May 18, 2011, provided by STANTEC Consulting Corporation.
TOC and ground surface elevations were surveyed by Otak Inc. on August 20, 2009.
Total and dissolved lead analyzed by USEPA Method 6020; after 09/03/03 by USEPA Method 6010.
Ethanol analyzed by USEPA Method 8260B.
TPH-G analyzed by Northwest Method NWTPH-Gx.
TPH-D and TPH-O analyzed by Northwest 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 1,000 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
f The surrogate data is outside the QC limits. Due to insufficient sample volume, a repeat analysis could not be performed to confirm the results.
g The recovery for the sample surrogate is outside the QC acceptance limits. The sample was re-extracted outside of the method holding time. All results are reported from the original extract. Similar results were obtained in both extracts.

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76 PRODUCTS FACILTY NO. 351448
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	5.53	--	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	--	--
	06/17/04	5.10	--	93.39	<50	<118	<237	4.98	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	09/23/04	5.28	--	93.21	190	<267	<535[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/04	5.42	--	93.07	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	03/04/05	5.73	--	92.76	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	06/09/05	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.												
	02/26/10	5.33	--	190.46	<50	<77.7	<388	4.4	1.5	<1.0	7.2	--	--	--	--	--	--
	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
	08/17/11	6.12	--	189.67	<50	57	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	5.99	--	189.80	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	6.22	--	189.57	<50	<29	<67	**40**	2	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	5.02	--	190.77	<50	<29	<68	**10**	0.9	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	5.91	--	189.88	<50	30	<66	**19**	0.7	<0.5	<0.5	--	--	--	--	--	<50

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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	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	8.12	--	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**		--
	06/17/04	8.13	--	92.61	<50	<119	<238	<0.250	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	09/23/04	8.33	--	92.41	<50	<271	<542[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/04	7.82	--	92.92	<100	<239	<478	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	03/04/05	8.34	--	92.40	<100	<239	<478	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	06/09/05	8.66	--	92.08	<100	<238	<475	<1	<1	<1	<3	<1	--	--	--	<15	--
	09/15/05	5.40	--	95.34	<48	<75	<94	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/05	8.44	--	92.30	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	03/10/06	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	--	--	--	--	--
	09/10/08	8.80	--	91.94	<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	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
	08/17/11	8.80	--	189.23	<50	<31	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	8.60	--	189.43	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	8.18	--	189.85	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	7.80	--	190.23	<50	<29	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	8.41	--	189.62	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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	03/11/99	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	4.79	--	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**	--	--
	06/17/04	4.97	--	92.87	<50	<119	<238	<0.250	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	09/23/04	5.03	--	92.81	140	<255	<509[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/04	4.53	--	93.31	<100	<239	<478	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	03/04/05	5.02	--	92.82	<100	<241	<482	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	06/09/05	5.25	--	92.59	<100	<238	<475	<1	<1	<1	<3	<1	--	--	--	<15	--
	09/15/05	7.20	--	90.64	<48	<75	<93	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/05	5.09	--	92.75	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	03/10/06	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	--	--	--	--	--
	03/07/07	4.42	--	93.42	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	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
	08/17/11	5.62	--	189.57	<50	37	<76	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	5.22	--	189.97	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	5.31	--	189.88	<50	34	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	4.85	--	190.34	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	5.46	--	189.73	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

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GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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	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	6.49	--	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	--	--
	06/17/04	5.91	--	93.53	<50	<119	<237	<0.250	<0.500	<0.500	<1.50	--	--	--	--	<10.0	--
	09/23/04	6.52	--	92.92	<50	<259	<518[e]	<0.50	<0.50	<0.50	<1.0	--	--	--	<10.0	--	--
	12/29/04	6.14	--	93.30	<100	<240	<480	<1.00	<1.00	<1.00	<3.00	--	--	--	--	<10.0	--
	03/04/05	6.65	--	92.79	<100	<240	<481	<1.00	<1.00	<1.00	<3.00	--	--	--	<10.0	--	--
	06/09/05	6.91	--	92.53	<100	<237	<473	<1	<1	<1	<3	<1	--	--	--	<15	--
	09/15/05	6.10	--	93.34	<48	150	<93	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.87	--
	12/15/05	6.73	--	92.71	<48	180	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	03/10/06	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	--
	09/29/09	7.71	--	-7.71	<50	256	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	6.53	--	-6.53	<50	142	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/26/10	6.39	--	-6.39	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	6.19	--	-6.19	<50	81.3	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	7.38	--	-7.38	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	6.28	--	-6.28	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	6.22	--	-6.22	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	05/18/11	5.73	--	-5.73	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/17/11	7.31	--	-7.31	<50	59	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	6.73	--	-6.73	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	6.11	--	-6.11	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	6.11	--	-6.11	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	7.18	--	-7.18	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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-5	01/11/06	4.04	--	97.10	<48	<75	<94	1.7	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
101.14	03/10/06	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.															
	03/31/09	4.45	--	96.69	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/16/09	4.80	--	96.34	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
195.00	09/29/09	5.53	--	189.47	<50	183	<386	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	4.33	--	190.67	Not part of the sampling schedule this reporting period.												
	02/26/10	4.52	--	190.48	63.1	93.6	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	4.82	--	190.18	Not part of the sampling schedule this reporting period.												
	08/03/10	5.31	--	189.69	141	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	4.45	--	190.55	Not part of the sampling schedule this reporting period.												
	02/21/11	3.79	--	191.21	Not part of the sampling schedule this reporting period.												
	05/18/11	3.68	--	191.32	<50	49	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/17/11	5.11	--	189.89	<50	<30[f]	<69[f]	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	4.60	--	190.40	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	4.43	--	190.57	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	4.45	--	190.55	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	4.52	--	190.48	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	01/11/06	4.89	--	94.85	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
99.74	03/10/06	5.47	--	94.27	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	6.50	--	93.24	<48	<80	<100	<0.2	<0.2	<0.2	<0.6	<0.3	--	--	--	--	--
	03/07/07	5.08	--	94.66	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/10/07	5.73	--	94.01	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	09/06/07	6.22	--	93.52	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/03/07	5.46	--	94.28	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	03/05/08	5.46	--	94.28	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	06/11/08	5.39	--	94.35	<50	<76	250	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	09/10/08	5.95	--	93.79	<50	<79	<98	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--
	12/10/08	Removed from sampling event this quarter.															
	03/31/09	5.75	--	93.99	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/16/09	6.50	--	93.24	<50	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0	--
196.52	09/29/09	7.04	--	189.48	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	5.87	--	190.65	<50	121	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/26/10	5.91	--	190.61	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	5.69	--	190.83	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	6.68	--	189.84	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	5.71	--	190.81	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	5.68	--	190.84	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILTY NO. 351448
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-6	05/18/11	5.22	--	191.30	<50	<32	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
(cont.)	08/17/11	6.60	--	189.92	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	6.04	--	190.48	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	5.46	--	191.06	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	5.53	--	190.99	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	6.43	--	190.09	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-7	01/11/06	6.07	--	93.57	160	**780**[b]	<94[b]	<0.2	<0.2	<0.2	<0.6	2.5	--	--	<8.4	--	--
99.64	03/10/06	6.71	--	92.93	140	**540**	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--
	06/30/06	7.31	--	92.33	190	**1,000**	<480	0.2	<0.2	<0.2	<0.6	2	--	--	--	--	--
	03/07/07	6.00	--	93.64	340	**870**	<94	<0.5	<0.7	<0.8	<0.8	0.7	--	--	--	--	--
	06/01/07	6.99	--	92.65	210	--	--	<0.5	<0.7	<0.8	<0.8	0.8	--	--	--	--	--
	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	--	--	--	--	--	--
	05/18/11	5.80	--	191.13	260	**730**	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/17/11	7.60	--	189.33	160	**560**	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	7.11	--	189.82	180	160	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	6.43	--	190.50	210	**670**	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	6.53	--	190.40	130	**610**	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	7.56	--	189.37	340	**950**	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	01/11/06	7.00	--	95.70	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
102.7	03/10/06	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	--	--	--	--	--

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76 PRODUCTS FACILTY NO. 351448
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 (cont.)	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	--	--	--	--	--	--
	12/02/10	7.40	--	190.08	Not part of the sampling schedule this reporting period.												
	02/21/11	7.08	--	190.40	Not part of the sampling schedule this reporting period.												
	05/18/11	6.52	--	190.96	<50	**740**	<370	1	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/17/11	8.35	--	189.13	<50	<30[g]	<70[g]	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	11/22/11	8.17	--	189.31	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	03/30/12	7.08	--	190.40	56	<29	<67	1	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	05/08/12	7.13	--	190.35	<50	<30	<70	2	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/16/12	8.02	--	189.46	<50	<29	<67	<0.5	<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

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
QC = Quality control
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

NOTES:

Bolding indicates a concentration greater than MTCA Method A Cleanup Level.
Groundwater monitoring data, TOC elevations, and laboratory analytical results prior to May 18, 2011, provided by STANTEC Consulting Corporation.
TOC and ground surface elevations were surveyed by Otak Inc. on August 20, 2009.
Total and dissolved lead analyzed by USEPA Method 6020; after 09/03/03 by USEPA Method 6010.
Ethanol analyzed by USEPA Method 8260B.
TPH-G analyzed by Northwest Method NWTPH-Gx.
TPH-D and TPH-O analyzed by Northwest 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 1,000 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
f The surrogate data is outside the QC limits. Due to insufficient sample volume, a repeat analysis could not be performed to confirm the results.
g The recovery for the sample surrogate is outside the QC acceptance limits. The sample was re-extracted outside of the method holding time. All results are reported from the original extract. Similar results were obtained in both extracts.

SAIC

TABLE 2
GROUNDWATER MNA PARAMETERS
76 PRODUCTS FACILITY NO. 351448
200 South 36th Street, Bellingham, Washington

Well ID	Sample Date	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Conductivity (µS/cm)	Temperature (°C)	Ferrous Iron (mg/L)	Alkalinity to pH 4.5 (µg/L as $CaCO_3$)	Alkalinity to pH 8.3 (µg/L as $CaCO_3$)	Nitrate (µg/L)	Sulfate (µg/L)
MW-1	11/22/11	1.51	-5.8	6.35	616	14.32	3.6	403,000	<460	<250	<1,500
	03/30/12	0.95	-24.8	6.69	684	12.80	3.8	329,000	<460	<250	<1,500
	05/08/12	0.67	17.2	6.40	743	12.98	2.6	366,000	<700	<250	<1,500
	08/16/12	0.83	-40.4	7.12	611	17.08	2.4	327,000	<700	<250	<1,500
MW-2	11/22/11	0.80	48.7	6.35	497	12.55	0.0	248,000	<460	<250	14,000
	03/30/12	1.55	-39.1	6.39	481	11.32	0.0	238,000	<460	340	16,300
	05/08/12	2.56	202.6	6.50	476	12.05	0.0	239,000	<700	550	15,000
	08/16/12	0.64	-26.3	7.02	420	16.99	0.0	218,000	<700	330	14,100
MW-3	11/22/11	1.01	-14.7	6.47	605	12.76	1.8	419,000	<460	<250	16,900
	03/30/12	1.28	-34.2	6.78	802	11.42	1.4	429,000	<460	<250	5,500
	05/08/12	0.23	13.3	6.59	916	13.01	2.0	446,000	<700	<250[1]	5,900
	08/16/12	0.94	-31.6	7.25	736	15.31	1.6	421,000	<700	<250	4,700
MW-4	11/22/11	0.81	57.9	6.22	422	13.21	0.0	252,000	<460	<250	16,100
	03/30/12	0.98	-113.2	6.18	379	10.65	0.0	189,000	<460	<250	11,200
	05/08/12	0.37	75.9	6.18	447	12.36	0.0	210,000	<700	<250	11,200
	08/16/12	0.65	-26.4	7.08	570	15.84	0.0	311,000	<700	<250	10,900
MW-5	11/22/11	0.80	-123	6.43	691	13.13	1.2	415,000	<460	<250	12,700
	03/30/12	0.70	-38.1	6.75	982	10.25	0.8	418,000	<460	<250	2,300
	05/08/12	0.25	27.8	6.40	994	12.60	1.8	433,000	<700	<250[1]	2,300
	08/16/12	0.92	-29.4	6.84	950	18.79	3.2	421,000	<700	<250	<1,500
MW-6	11/22/11	0.87	-29.5	6.48	545	13.28	0.6	294,000	<460	<250	4,900
	03/30/12	0.96	-40.3	6.80	730	10.43	0.6	306,000	<460	<250	8,700
	05/08/12	0.21	14.4	6.59	659	12.47	2.5	322,000	<700	<250[1]	3,800
	08/16/12	1.21	-206	7.35	685	16.10	1.8	309,000	<700	<250	5,800
MW-7	11/22/11	0.83	-51.5	6.32	454	12.26	0.2	260,000	<460	<250	<1,500
	03/30/12	1.14	-31.3	6.20	690	9.44	0.4	318,000	<460	<250	5,500
	05/08/12	0.22	-46.5	6.50	667	12.69	0.2	312,000	<700	<250	3,500
	08/16/12	0.53	-74.6	6.98	581	18.14	2.0	314,000	<700	<250	<1,500
MW-8	11/22/11	0.78	-37.7	6.44	614	12.96	1.8	382,000	<460	<250	3,500
	03/30/12	0.87	-23.4	6.75	774	11.34	1.2	422,000	<460	<250	5,700
	05/08/12	0.63	36.4	6.56	774	12.65	1.6	444,000	<700	<250	6,200
	08/16/12	0.60	-43.4	7.20	715	17.56	1.0	457,000	<700	<250	5,100

SAIC

TABLE 2
GROUNDWATER MNA PARAMETERS
76 PRODUCTS FACILITY NO. 351448
200 South 36th Street, Bellingham, Washington

ABBREVIATIONS:
mg/L = Milligrams per liter
MNA = Mitigated natural attenuation
mV = Millivolts
ORP = Oxidation-reduction potential
µg/L = Micrograms per liter
< = Less than the stated laboratory reporting limit
µS/cm = MicroSiemens per centimeter
°C = Degrees Celcius

NOTES:
Field measurements collected using YSI 556.
Nitrate and Sulfate analyzed by United States Environmental Protection Agency Method 300.0.
Alkalinity analyzed by SM20 2320 B method.

1 The holding time was not met.

SAIC

Attachment A:
Groundwater Monitoring and Sampling Data Package

WELL GAUGING DATA

Project # 120816-LB1 Date 8/16/12 Client CHEVRON

Site 200 S 36TH ST, BELLINGHAM, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0632	2					5.91	22.65		
MW-2	0614	2					8.41	20.83		
MW-3	0620	2					5.46	21.01		
MW-4	0650	2					7.18	20.81		
MW-5	0625	2					4.52	13.67		
MW-6	0614	2					6.43	13.91		
MW-7	0655	2					~~8.02~~ 7.56 LB	~~17.52~~ 18.18 LB		
MW-8	0610	2					8.02	17.52	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 120516-LB1	Client: Chevron
Sampler: LB	Gauging Date: 8/16/12
Well I.D.: MW-1	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 22.65	Depth to Water (ft.): 5.91
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: 0913 Flow Rate: 200 mL/min Pump Depth: 14.5'

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.)
0916	17.28	7.05	625	15	1.72	-29.9	600	5.93
0919	17.10	7.12	613	10	0.87	-33.4	1200	5.95
0922	17.09	7.12	612	8	0.64	-36.5	1800	5.99
0925	17.08	7.13	611	7	0.83	-38.7	2400	6.01
0928	17.09	7.13	612	6	0.82	-39.5	3000	6.03
Post	17.08	7.12	611	—	0.83	-40.4	Fe^{2+}=	2.4 mg/L

Did well dewater? Yes (No) Amount actually evacuated: 3 L

Sampling Time: 0929 Sampling Date: 8/16/12

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 #: 120816-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 8/16/12
Well I.D.: MW-2	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 20.83	Depth to Water (ft.): 8.41
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: 1030 Flow Rate: 200 mL/min Pump Depth: 15'

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.)
1033	17.31	7.11	415	11	1.03	-13.9	600	8.44
1036	17.06	7.08	415	9	0.72	-21.8	1200	8.47
1039	16.97	7.05	416	9	0.68	-22.4	1800	8.49
1042	16.96	7.04	417	10	0.67	-23.8	2400	8.52
1045	16.97	7.03	418	11	0.66	-24.6	3000	8.53
Post	16.99	7.02	420	—	0.64	-26.3	Fe^{2+} =	0.0 mg/L

Did well dewater? Yes (No)	Amount actually evacuated: 3L
Sampling Time: 1046	Sampling Date: 8/16/12
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 #: 120816-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 8/16/17
Well I.D.: MW-3	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 21.01	Depth to Water (ft.): 5.46
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: 0746 Flow Rate: 200 mL/MIN Pump Depth: 13.5'

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.)
0749	15.22	7.25	784	8	1.84	-21.8	600	5.49
0752	15.39	7.25	733	4	1.02	-22.3	1200	5.51
0755	15.35	7.25	734	5	0.94	-24.2	1800	5.54
0758	15.33	7.26	734	4	0.93	-26.1	2400	5.55
0801	15.34	7.27	734	4	0.92	-27.3	3000	5.56
Post	15.31	7.25	736	—	0.94	-31.6	Fe^{2+} =	1.6 mg/L

Did well dewater? Yes No Amount actually evacuated: 3L

Sampling Time: 0802 Sampling Date: 8/16/17

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 #: 120816-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 8/16/12
Well I.D.: MW-4	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 20.31	Depth to Water (ft.): 7.18
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: 1109 Flow Rate: 200 mL/MIN Pump Depth: 14.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1112	15.42	7.13	560	12	1.17	-1.7	600	7.21
1115	15.84	7.11	569	13	0.78	-18.7	1200	7.24
1118	15.90	7.08	573	13	0.70	-22.4	1800	7.27
1121	15.89	7.07	574	12	0.68	-23.8	2400	7.29
1124	15.88	7.06	573	12	0.67	-24.4	3000	7.30
POST	15.84	7.08	570	—	0.65	-26.4	Fe^{2+}=	0.0mg/L

Did well dewater? Yes No	Amount actually evacuated: 3L
Sampling Time: 1125	Sampling Date: 8/16/12
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 #: 120816-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 8/16/12
Well I.D.: MW-5	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 13.67	Depth to Water (ft.): 4.52
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: 0831 Flow Rate: 100 mL/min Pump Depth: 9.5'

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.)
0837	18.73	6.95	936	26	1.03	-266	600	4.53
0840	18.53	6.89	947	21	0.90	-29.2	900	4.59
0843	18.64	6.84	950	18	0.92	-30.0	1200	4.62
0846	18.85	6.63	951	16	0.91	-30.8	1500	4.64
0849	18.84	6.82	952	15	0.90	-31.2	1800	4.65
Post	18.79	6.84	950	—	0.92	-29.4	Fe^{2+} =	3.2 mg/L

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

Sampling Time: 0850 Sampling Date: 8/16/12

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

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: SO4 Cl

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 120816-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 8/16/12
Well I.D.: MW1-6	Well Diameter (in.): ~~0~~ 3 4 6 8 ____
Total Well Depth (ft.): 13.91	Depth to Water (ft.): 6.43
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: 0708 Flow Rate: 200 mL/MIN Pump Depth: 10.5'

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.)
0711	16.04	7.42	686	10	1.43	-14.8	600	6.47
0714	16.11	7.39	685	6	1.17	-17.2	1200	6.49
0717	16.13	7.40	683	5	1.14	-22.2	1800	6.51
0720	16.13	7.40	684	4	1.13	-23.1	2400	6.54
0723	16.13	7.39	683	5	1.12	-24.3	3000	6.55
Post	16.10	7.35	685	—	1.21	-206	Fe^{2+} =	1.8 mg/L

Did well dewater? Yes ~~No~~ Amount actually evacuated: 3 L

Sampling Time: 0724 Sampling Date: 8/16/12

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 #: 120816-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 8/16/12
Well I.D.: MW-7	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 18.18	Depth to Water (ft.): 7.56
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: 1147 Flow Rate: 100 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.)
1153	18.15	7.01	583	9	0.62	-66.8	600	7.59
1156	18.19	6.99	584	9	0.59	-69.7	900	7.61
1159	18.15	7.00	583	8	0.56	-70.7	1200	7.64
1202	18.16	7.01	582	8	0.55	-71.6	1500	7.65
1205	18.15	7.00	583	9	0.54	-72.4	1800	7.67
Post	18.14	6.98	581	—	0.53	-74.6	Fe^{2+}	2.0 mg/L

Did well dewater? Yes (No)	Amount actually evacuated: 1.8L
Sampling Time: 1206	Sampling Date: 8/16/12
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 #: 128816-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 8/16/12
Well I.D.: MW-8	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 17.52	Depth to Water (ft.): 8.02
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: 0954 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.)
0957	17.70	7.22	707	10	1.05	-32.1	600	8.05
1000	17.60	7.21	707	8	0.68	-36.4	1200	8.08
1003	17.56	7.19	713	6	0.60	-39.7	1800	8.10
1006	17.57	7.20	714	6	0.59	-40.6	2400	8.12
1009	17.58	7.21	715	7	0.58	-41.3	3000	8.13
POST	17.56	7.20	715	—	0.60	-43.4	Fe^{2+} =	1.0 MG/L

Did well dewater? Yes (No) Amount actually evacuated: 3L

Sampling Time: 1010 Sampling Date: 8/16/12

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. 120816-281

Sampling Company: Blaine Tech Services

Sampled By (Print): LEE BURES

Sampler Signature:

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.

ANALYSES REQUIRED

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

Special Instructions
"Quick SiGel Cleanup requested"

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	TPH-DRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ SGC)	TPH-ORO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ SGC)	TPH-HRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ SGC)	8260B FULL LIST☐ EDC☐ TBA☐ TAME☐ EDB☐ ETHANOL☒ BTEX☒ MTBE☐	PAH's☐ cPAH's☐ 8270 SIM	TPH-G (NWTPH-Gx)	TOTAL LEAD (6020)	DISSOLVED LEAD (6020)	TPH-D AND TPH-O BY (NWTPH-Dx)	ALKALINITY	NITRATE / SULFATE	Notes/Comments
MW-1	GW	—	120816	0929	VOA, AMBER, POLY	11	X	X		X		X				X	X	
MW-2	GW	—	120816	1046			X	X		X		X				X	X	
MW-3	GW	—	120816	0802			X	X		X		X				X	X	
MW-4	GW	—	120816	1125			X	X		X		X				X	X	
MW-5	GW	—	120816	0850			X	X		X		X				X	X	
MW-6	GW	—	120816	0724			X	X		X		X				X	X	
MW-7	GW	—	120816	1206			X	X		X		X				X	X	
MW-8	GW	—	120816	1010			X	X		X		X				X	X	
QA	GW	—	120816	0630	VOA	3				X		X						

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time
		8/16/12	SHIPPED VIA	FED EX	
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: 200 S 36TH ST, BELLINGHAM, WA Date: 8/16/12

Job #: 120816-LB1 Technician: L. BURES Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check indicates deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty)	Tabs stripped (list qty)	Tabs broken (list qty)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-1									X						
MW-2	Y														
MW-3						3/3									
MW-4						2/3									
MW-5						3/3									
MW-6						3/3									
MW-7						3/3									
MW-8									X						

NOTES:

CHEVRON-WASHINGTON/OREGON TYPE **A** BILL OF LADING

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

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

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:

35-1448 — CHEVRON #

J. MARK INGLES — Chevron Project Manager

200 S. 36TH ST, BELLINGHAM, WA

Street number / street name / city / state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	1.0		
MW-2	1.0		
MW-3	1.0		
MW-4	1.0		
MW-5	0.5		
MW-6	1.0		
MW-7	0.5		
MW-8	1.0		

added equip. rinse water: 8

any other adjustments:

TOTAL GALS. RECOVERED: 15

loaded onto BTS vehicle #: 90

BTS event #: 120816-L81

time: 1280

date: 8/16/12

signature:

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: CHEVRON Date 8/16/12

Site Address: 200 S 36TH ST, BELLINGHAM, WA

Job Number: 120816-LB1 Technician(s): L. BORES

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) 8/16/11 (Date) 1502 (Time)

Attachment B:
Laboratory Analysis Report

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

August 29, 2012

Project: 351448

Submittal Date: 08/17/2012
Group Number: 1329560
PO Number: 0015093283
Release Number: INGLIS
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
MW-1 Water Sample	6758289
MW-2 Water Sample	6758290
MW-3 Water Sample	6758291
MW-4 Water Sample	6758292
MW-5 Water Sample	6758293
MW-6 Water Sample	6758294
MW-7 Water Sample	6758295
MW-8 Water Sample	6758296
QA Water Sample	6758297

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

ELECTRONIC COPY TO	SAIC	Attn: Ron Santos
ELECTRONIC COPY TO	Blaine Tech Services	Attn: Alex Stack
ELECTRONIC COPY TO	SAIC	Attn: Kinga Kozlowska

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Respectfully Submitted,

Jill M. Parker

Jill M. Parker
Senior Specialist

(717) 556-7262

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Analysis Report

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

LLI Sample # WW 6758289
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 09:29 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM1

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	19	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	0.7	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 Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	30	28	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	N.D.	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	327,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 17:43	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 17:43	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 11:57	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 11:57	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122350002A	08/27/2012 18:53	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122350002A	08/22/2012 15:55	JoElla L Rice	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901B	08/17/2012 16:34	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758289
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 09:29 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901B	08/17/2012 16:34	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12234002103A	08/21/2012 20:04	Michele L Graham	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12234002103A	08/21/2012 20:04	Michele L Graham	1

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Analysis Report

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

LLI Sample # WW 6758290
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 10:46 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM2

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 Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	330	250	5
00228	Sulfate	14808-79-8	14,100	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	218,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 18:06	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 18:06	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 12:19	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 12:19	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122350002A	08/27/2012 19:16	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122350002A	08/22/2012 15:55	JoElla L Rice	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901A	08/17/2012 17:17	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758290
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 10:46 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901A	08/17/2012 17:17	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12234002103A	08/21/2012 20:09	Michele L Graham	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12234002103A	08/21/2012 20:09	Michele L Graham	1

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Analysis Report

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

LLI Sample # WW 6758291
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 08:02 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM3

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 Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	4,700	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	421,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 18:28	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 18:28	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 12:41	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 12:41	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122350002A	08/27/2012 19:39	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122350002A	08/22/2012 15:55	JoElla L Rice	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901A	08/17/2012 17:31	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758291
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 08:02 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901A	08/17/2012 17:31	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12234002103A	08/21/2012 20:16	Michele L Graham	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12234002103A	08/21/2012 20:16	Michele L Graham	1

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Analysis Report

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

LLI Sample # WW 6758292
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 11:25 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM4

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 Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	10,900	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	311,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 18:51	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 18:51	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 13:02	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 13:02	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122350002A	08/27/2012 20:02	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122350002A	08/22/2012 15:55	JoElla L Rice	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901A	08/17/2012 17:45	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758292
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 11:25 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901A	08/17/2012 17:45	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12234002103B	08/21/2012 20:21	Michele L Graham	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12234002103B	08/21/2012 20:21	Michele L Graham	1

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Analysis Report

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

LLI Sample # WW 6758293
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 08:50 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM5

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 Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	N.D.	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	421,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 19:13	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 19:13	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 13:24	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 13:24	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122350002A	08/27/2012 20:25	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122350002A	08/22/2012 15:55	JoElla L Rice	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901A	08/17/2012 18:00	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758293
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 08:50 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM5

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901A	08/17/2012 18:00	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12234002103B	08/21/2012 20:26	Michele L Graham	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12234002103B	08/21/2012 20:26	Michele L Graham	1

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Analysis Report

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

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

LLI Sample # WW 6758294
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 07:24 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM6

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 Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	5,800	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	309,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 19:36	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 19:36	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 13:46	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 13:46	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122360031A	08/29/2012 00:22	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122360031A	08/24/2012 09:20	Katheryne V Sponheimer	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901A	08/17/2012 18:14	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758294
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 07:24 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM6

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901A	08/17/2012 18:14	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12234002102B	08/21/2012 18:46	Michele L Graham	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12234002102B	08/21/2012 18:46	Michele L Graham	1

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Analysis Report

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

LLI Sample # WW 6758295
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 12:06 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
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36BM7

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.	340	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	950	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	N.D.	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	314,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 19:59	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 19:59	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 14:08	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 14:08	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122360031A	08/29/2012 00:45	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122360031A	08/24/2012 09:20	Katheryne V Sponheimer	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901A	08/17/2012 18:56	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758295
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 12:06 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
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San Ramon CA 94583

36BM7

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901A	08/17/2012 18:56	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12236002202A	08/23/2012 06:29	Clayton C Litchmore	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12236002202A	08/23/2012 06:29	Clayton C Litchmore	1

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Analysis Report

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

LLI Sample # WW 6758296
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 10:10 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM8

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 Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	5,100	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
12150	Total Alkalinity	n.a.	457,000	700	1
12707	Phenolphthalein Alkalinity	n.a.	N.D.	700	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	D122342AA	08/21/2012 20:22	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 20:22	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 14:51	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 14:51	Catherine J Schwarz	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	122360031A	08/29/2012 01:08	Nicholas R Rossi	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	122360031A	08/24/2012 09:20	Katheryne V Sponheimer	1
00368	Nitrate Nitrogen	EPA 300.0	1	12230655901A	08/17/2012 19:11	Christopher D Meeks	5

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Analysis Report

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

LLI Sample # WW 6758296
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 10:10 by LB

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

36BM8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00228	Sulfate	EPA 300.0	1	12230655901A	08/17/2012 19:11	Christopher D Meeks	5
12150	Total Alkalinity	SM20 2320 B	1	12236002202A	08/23/2012 06:36	Clayton C Litchmore	1
12707	Phenolphthalein Alkalinity	SM20 2320 B	1	12236002202A	08/23/2012 06:36	Clayton C Litchmore	1

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Analysis Report

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

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

LLI Sample # WW 6758297
LLI Group # 1329560
Account # 11255

Project Name: 351448

Collected: 08/16/2012 06:30

Submitted: 08/17/2012 09:15
Reported: 08/29/2012 14:57

Chevron
L4310
6001 Bollinger Canyon Road
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	D122342AA	08/21/2012 20:45	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D122342AA	08/21/2012 20:45	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12236A20A	08/24/2012 10:52	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12236A20A	08/24/2012 10:52	Catherine J Schwarz	1

Quality Control Summary

Client Name: Chevron Group Number: 1329560
Reported: 08/29/12 at 02:57 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D122342AA	Sample number(s): 6758289-6758297							
Benzene	N.D.	0.5	ug/l	99		77-121		
Ethanol	N.D.	50.	ug/l	108		54-149		
Ethylbenzene	N.D.	0.5	ug/l	94		79-120		
Toluene	N.D.	0.5	ug/l	95		79-120		
Xylene (Total)	N.D.	0.5	ug/l	96		77-120		
Batch number: 12236A20A	Sample number(s): 6758289-6758297							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	96	101	75-135	5	30
Batch number: 122350002A	Sample number(s): 6758289-6758293							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	103	114	50-120	10	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 122360031A	Sample number(s): 6758294-6758296							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	105	107	50-120	2	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 12230655901A	Sample number(s): 6758290-6758296							
Nitrate Nitrogen	N.D.	50.	ug/l	98		90-110		
Sulfate	N.D.	300.	ug/l	99		90-110		
Batch number: 12230655901B	Sample number(s): 6758289							
Nitrate Nitrogen	N.D.	50.	ug/l	98		90-110		
Sulfate	N.D.	300.	ug/l	99		90-110		
Batch number: 12234002102B	Sample number(s): 6758294							
Total Alkalinity	N.D.	700.	ug/l as CaCO3	99		90-110		
Batch number: 12234002103A	Sample number(s): 6758289-6758291							
Total Alkalinity	N.D.	700.	ug/l as CaCO3	99		90-110		
Batch number: 12234002103B	Sample number(s): 6758292-6758293							
Total Alkalinity	N.D.	700.	ug/l as CaCO3	99		90-110		
Batch number: 12236002202A	Sample number(s): 6758295-6758296							
Total Alkalinity	N.D.	700.	ug/l as CaCO3	100		90-110		

*- 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: 1329560
Reported: 08/29/12 at 02:57 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
Batch number: D122342AA	Sample number(s): 6758289-6758297 UNSPK: P758487								
Benzene	108	97	72-134	10	30				
Ethanol	100	88	53-146	14	30				
Ethylbenzene	99	91	71-134	8	30				
Toluene	101	92	80-125	9	30				
Xylene (Total)	100	91	79-125	8	30				
Batch number: 12230655901A	Sample number(s): 6758290-6758296 UNSPK: P758154 BKG: P758154								
Nitrate Nitrogen	97		90-110			260	270	1 (1)	20
Sulfate	105		90-110			28,800	28,000	3 (1)	20
Batch number: 12230655901B	Sample number(s): 6758289 UNSPK: 6758289 BKG: 6758289								
Nitrate Nitrogen	101		90-110			N.D.	N.D.	0 (1)	20
Sulfate	98		90-110			N.D.	N.D.	0 (1)	20
Batch number: 12234002102B	Sample number(s): 6758294 UNSPK: P753935 BKG: P755835								
Total Alkalinity	7*		73-121			568,000	569,000	0	5
Phenolphthalein Alkalinity						N.D.	N.D.	0 (1)	5
Batch number: 12234002103A	Sample number(s): 6758289-6758291 UNSPK: P757431 BKG: P757431								
Total Alkalinity	71*		73-121			108,000	110,000	1	5
Phenolphthalein Alkalinity						N.D.	N.D.	0 (1)	5
Batch number: 12234002103B	Sample number(s): 6758292-6758293 UNSPK: P757431 BKG: 6758293								
Total Alkalinity	71*		73-121			421,000	420,000	0	5
Phenolphthalein Alkalinity						N.D.	N.D.	0 (1)	5
Batch number: 12236002202A	Sample number(s): 6758295-6758296 UNSPK: P758158 BKG: P758158								
Total Alkalinity	45*		73-121			411,000	410,000	0	5
Phenolphthalein Alkalinity						N.D.	N.D.	0 (1)	5

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: D122342AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6758289	98	101	98	91
6758290	101	103	96	91
6758291	100	99	98	95
6758292	102	100	98	92
6758293	98	99	99	89
6758294	101	99	98	91
6758295	100	99	98	94
6758296	98	99	99	92
6758297	99	100	98	93

*- 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: 1329560
Reported: 08/29/12 at 02:57 PM

Surrogate Quality Control

Blank	101	100	98	93
LCS	99	101	96	96
MS	98	103	97	97
MSD	100	101	97	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 12236A20A

	Trifluorotoluene-F
6758289	82
6758290	78
6758291	78
6758292	71
6758293	90
6758294	72
6758295	78
6758296	82
6758297	72
Blank	77
LCS	90
LCSD	97
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 122350002A

	Orthoterphenyl
6758289	121
6758290	109
6758291	114
6758292	104
6758293	104
Blank	111
LCS	116
LCSD	127
Limits:	50-150

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 122360031A

	Orthoterphenyl
6758294	105
6758295	114
6758296	103
Blank	107
LCS	115
LCSD	118
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.

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. 120816-LBI

Sampling Company: Blaine Tech Services

Sampled By (Print): LEE BURES

Sampler Signature:

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.

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

Acct#11255
Grp#1329560
Sample #
6758289-97

Special Instructions
"Quick SiGel Cleanup requested"

SAMPLE ID							ANALYSES REQUIRED												
Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	TPH-DRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	TPH-ORO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	TPH-HRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	8260B FULL LIST☐ EDC☐ TBA☐ TAME☐ EDB☐ ETHANOL☒ BTEX☒ MTBE☐	PAH's☐ cPAH's☐ 8270 SIM	TPH-G (NWTPH-Gx)	TOTAL LEAD (6020)	DISSOLVED LEAD (6020)	TPH-D AND TPH-O BY (NWTPH-Dx)	ALKALINITY	NITRATE, SULFATE	Notes/Comments
MW-1	GW	—	120816	0929	VOA, AMBER, POLY	11	X	X		X		X				X	X	
MW-2	GW	—	120816	1046			X	X		X		X				X	X	
MW-3	GW	—	120816	0802			X	X		X		X				X	X	
MW-4	GW	—	120816	1125			X	X		X		X				X	X	
MW-5	GW	—	120816	0850			X	X		X		X				X	X	
MW-6	GW	—	120816	0724			X	X		X		X				X	X	
MW-7	GW	—	120816	1206			X	X		X		X				X	X	
MW-8	GW	—	120816	1010	↓	↓	X	X		X		X				X	X	
QA	GW	—	120816	0630	VOA	3				X		X						

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time
		8/16/12	SHIPPED VIA FED EX		
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
				LCL	8-17-12 915

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

Sample Integrity: (Check by lab on arrival)
Intact: X On Ice: X Temp: 1.2-2.7
COC #

eurofins | 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)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< 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

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.

Data Qualifiers:

C – result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

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

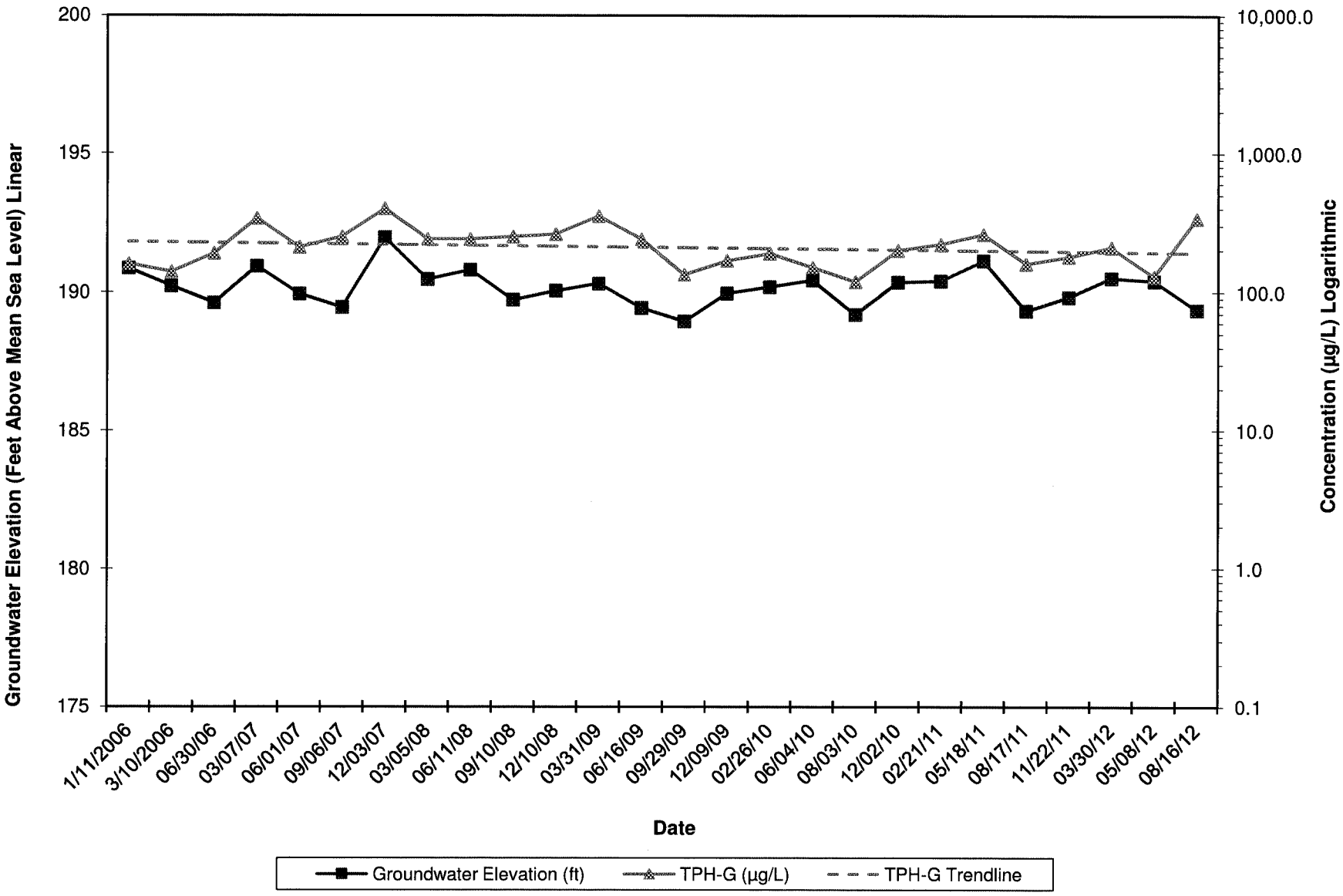
Measurement uncertainty values, as applicable, are available upon request.

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.

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

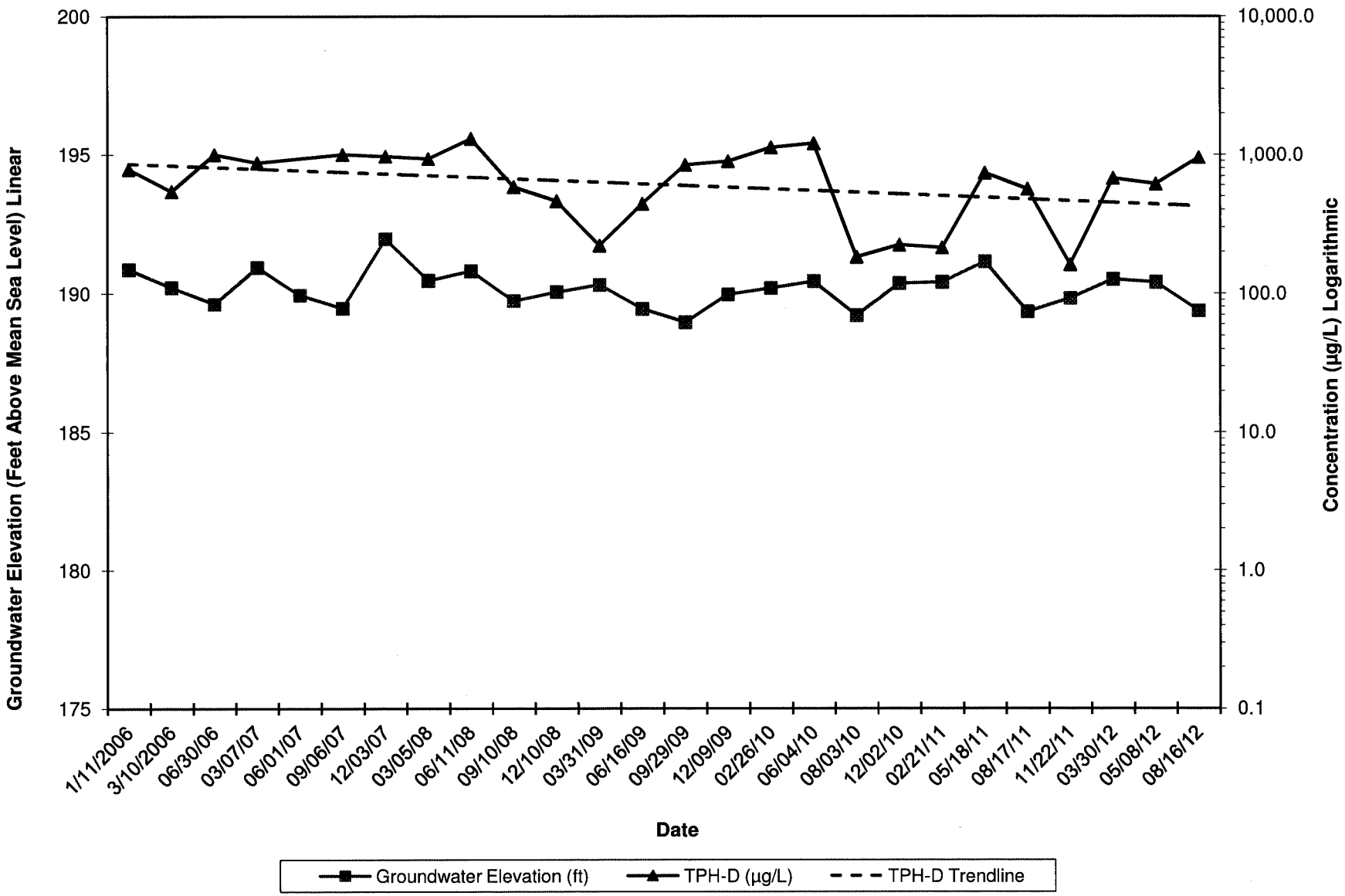
Attachment C:
Hydrographs

Well MW-7
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



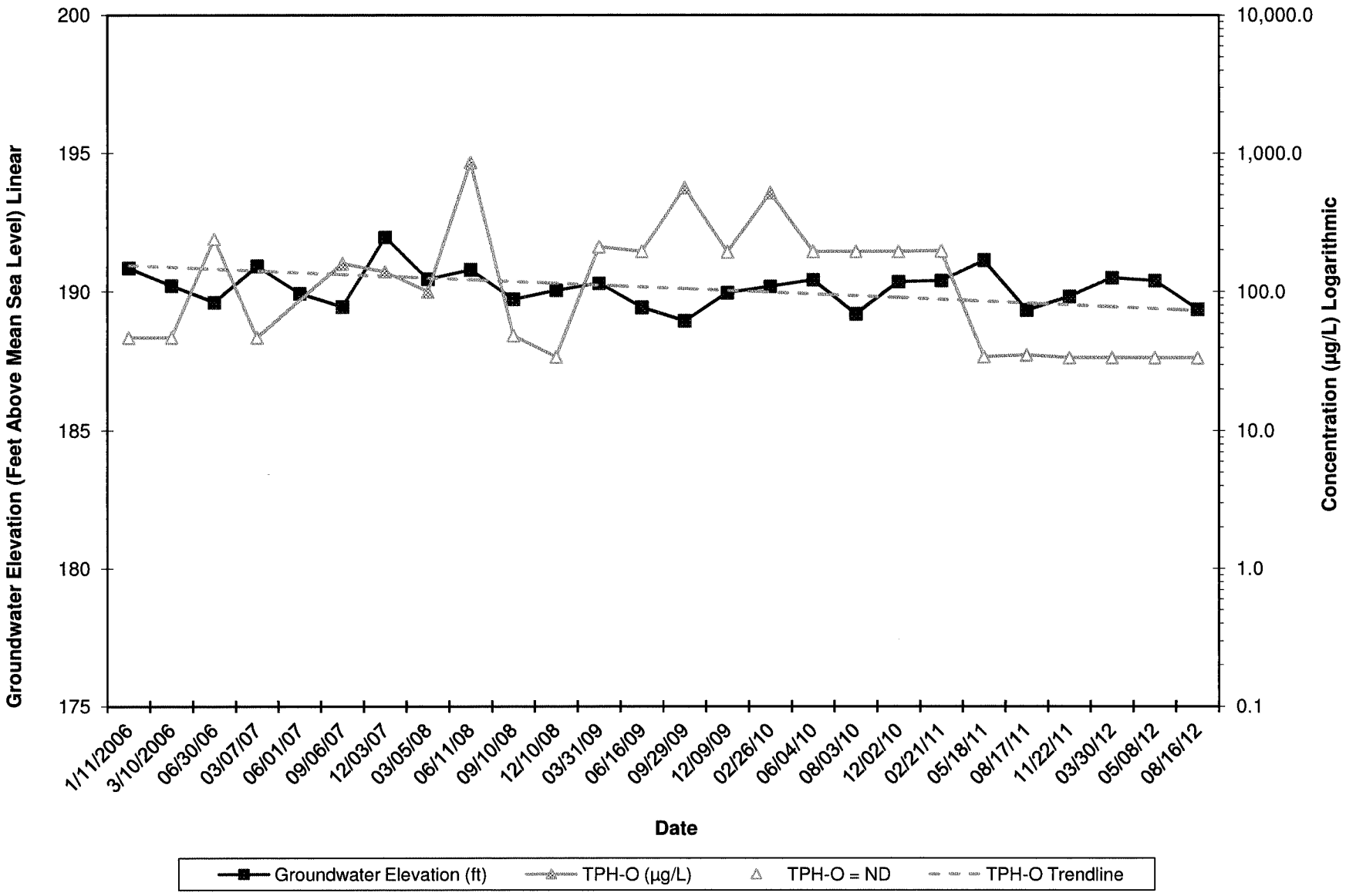
SAIC

Well MW-7
Hydrograph - Diesel-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



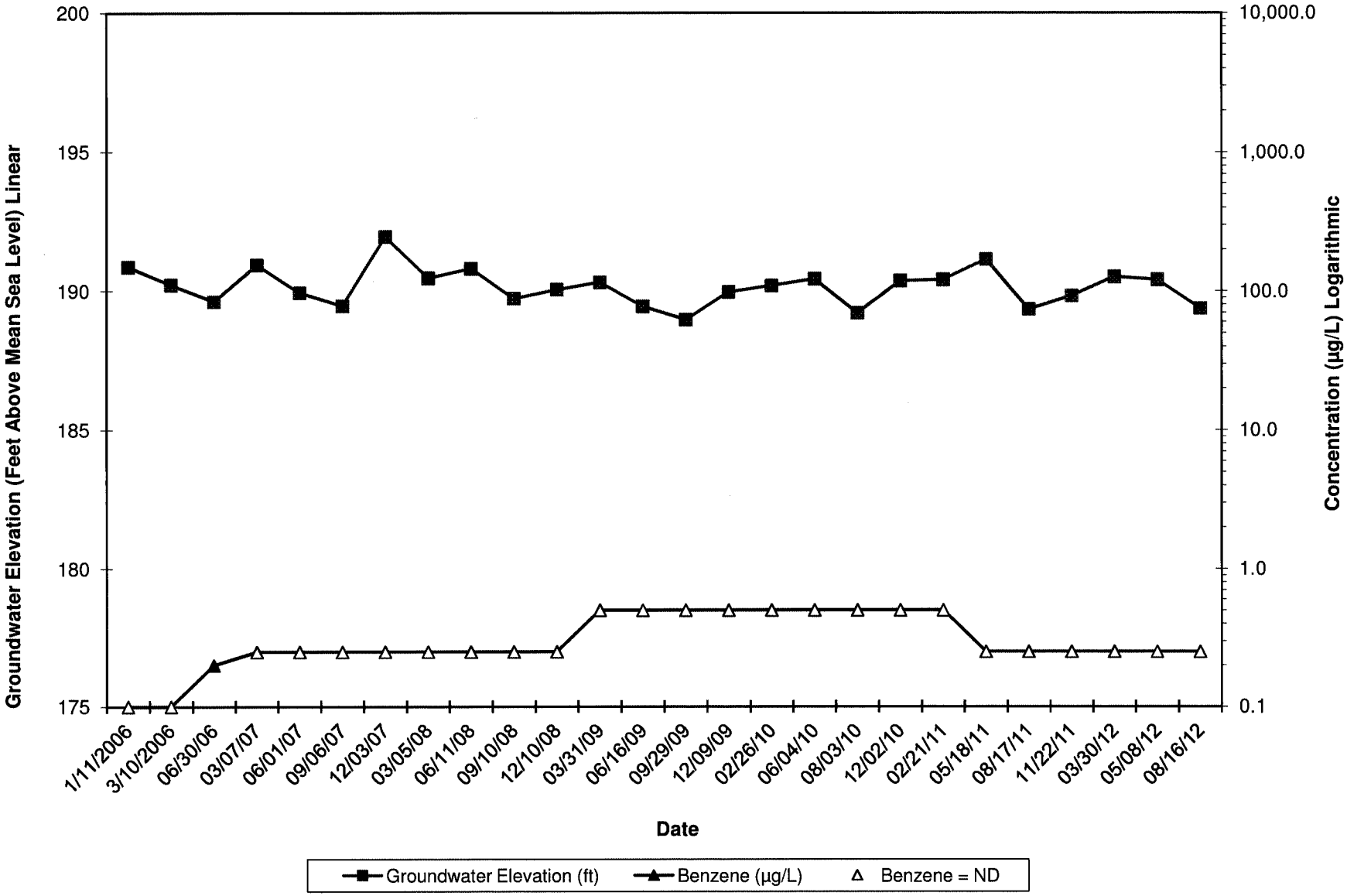
SAIC

Well MW-7
Hydrograph - Heavy Oil-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



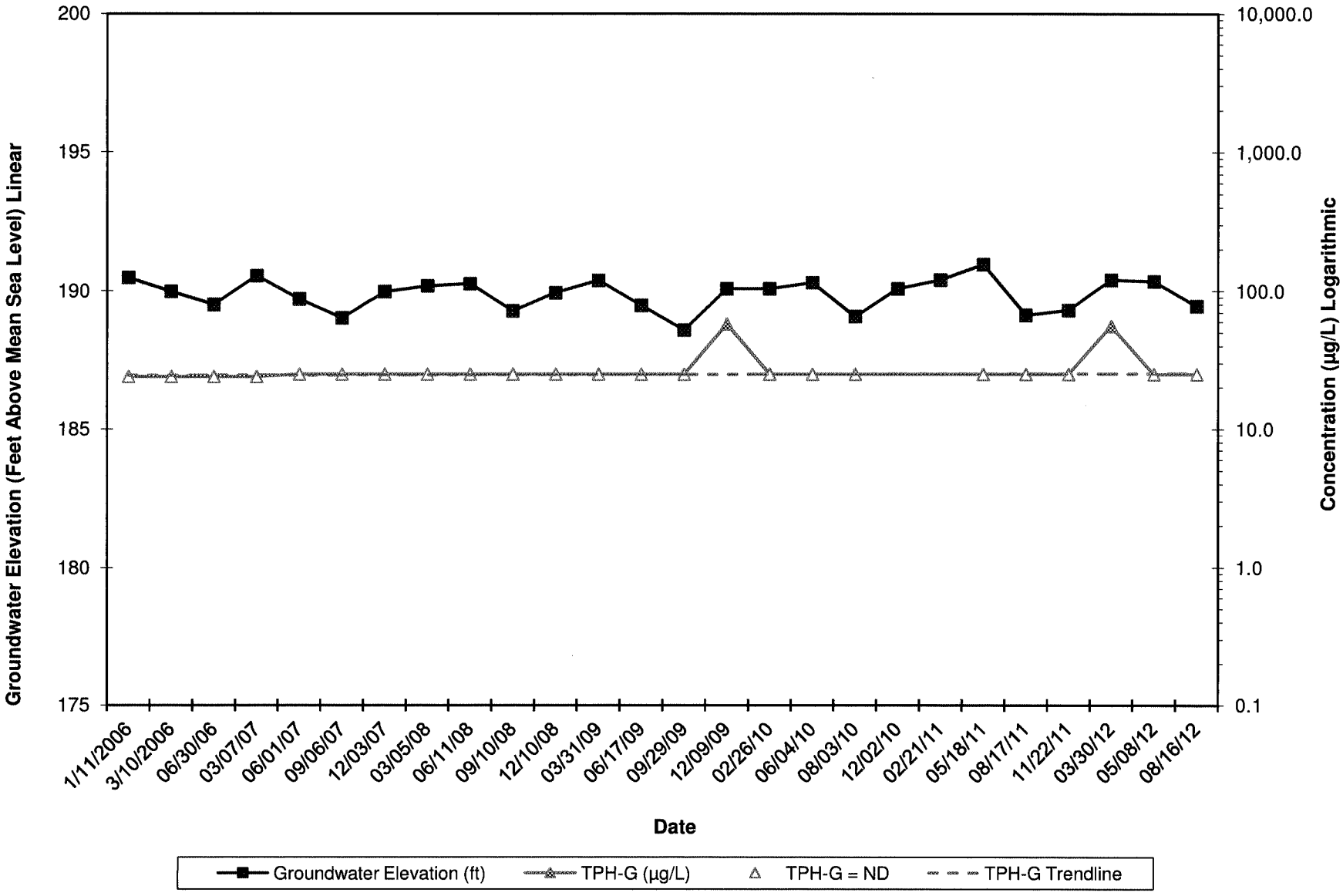
SAIC

Well MW-7
Hydrograph - Benzene
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



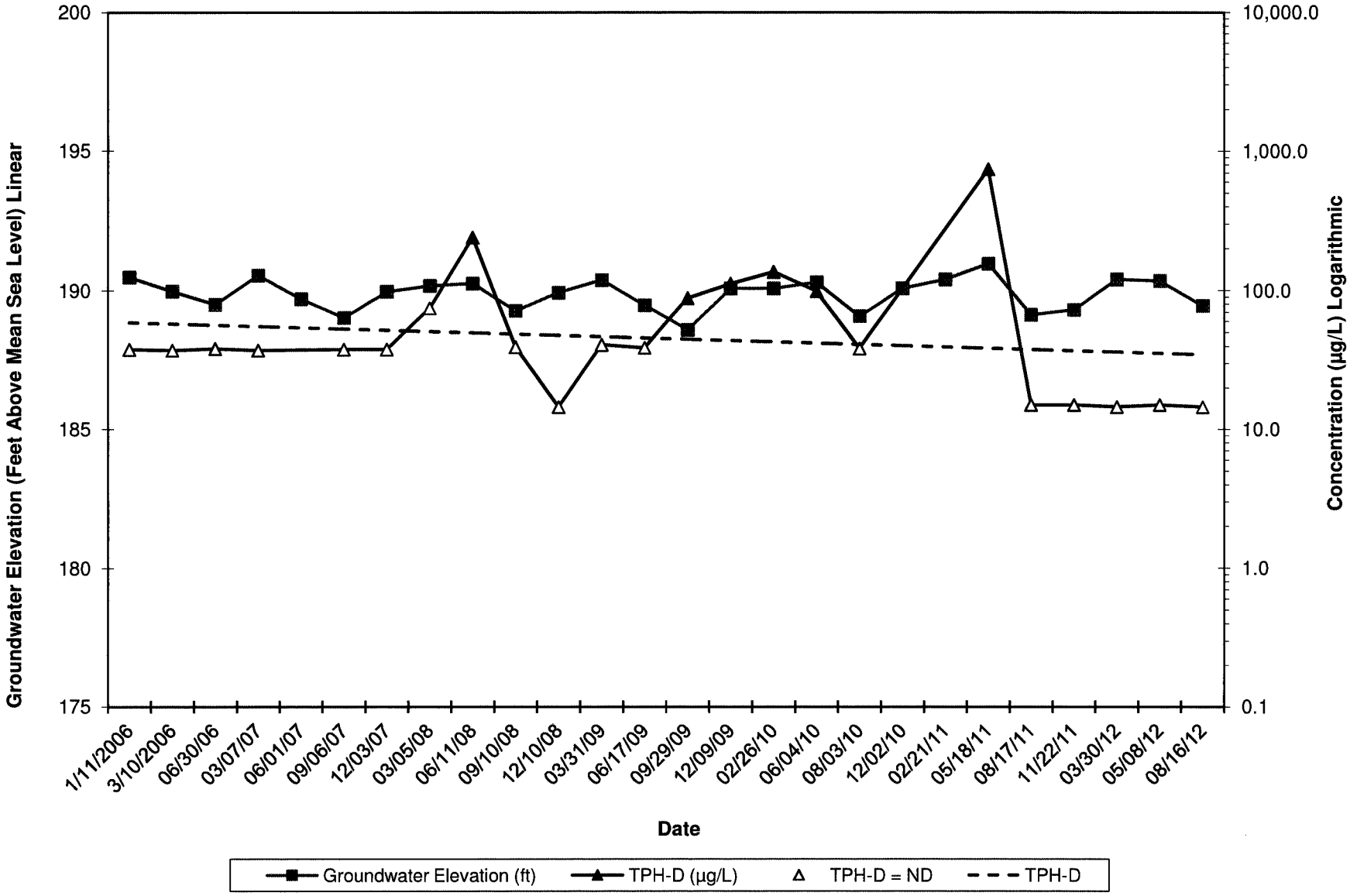
SAIC

Well MW-8
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



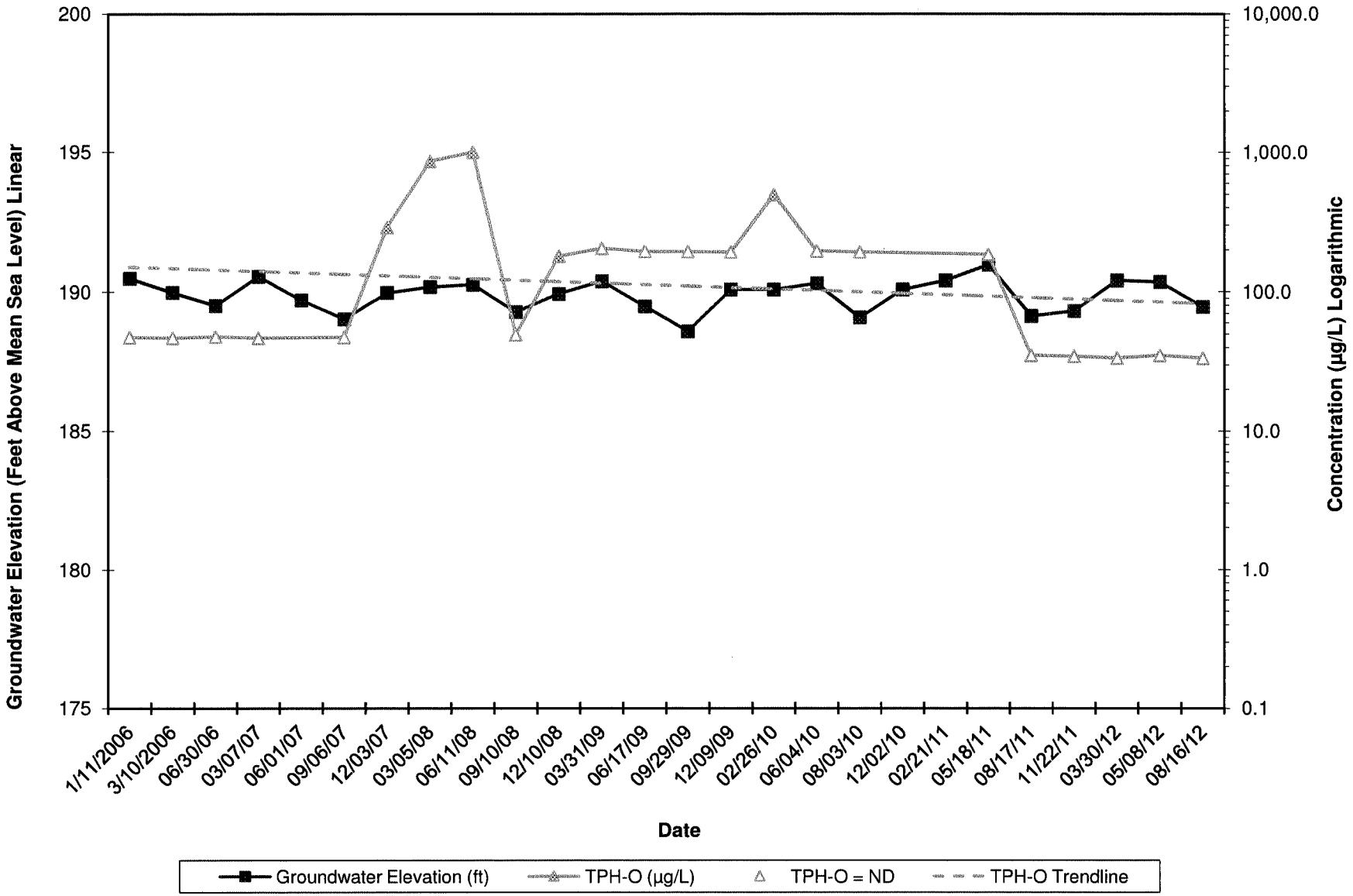
SAIC

Well MW-8
Hydrograph - Diesel-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



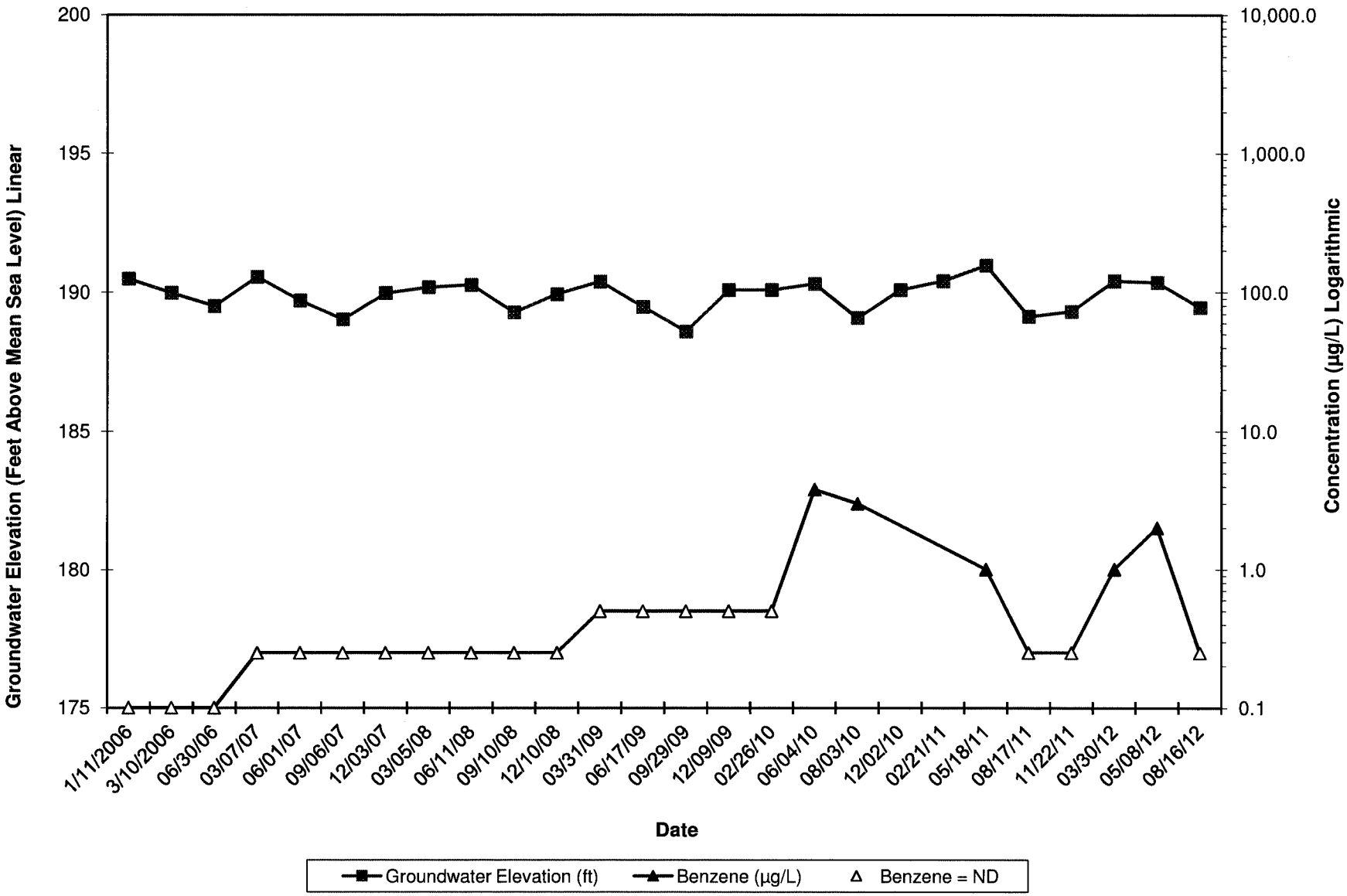
SAIC

Well MW-8
Hydrograph - Heavy Oil-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



SAIC

Well MW-8
Hydrograph - Benzene
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



SAIC