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February 1, 2012

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

**Subject: Fourth Quarter 2011 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 November 22, 2011. The Blaine Tech groundwater monitoring and sampling package is provided as Attachment A.

FIELD ACTIVITIES

On November 22, 2011, the depth to groundwater was measured in wells MW-1 through MW-8. The groundwater elevation ranged from 189.31 (MW-8) to 190.48 (MW-6) feet above mean sea level. Groundwater flow is to the northwest at a gradient of approximately 0.007 foot per foot; however, a southerly gradient exists in the southeast portion of the property as well. A potentiometric map is shown on Figure 1.

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

Groundwater samples were submitted for the following analyses:

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



- Benzene, toluene, ethylbenzene, and 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 3220 B Method.

Laboratory analytical results are included as Attachment B, and groundwater analytical 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

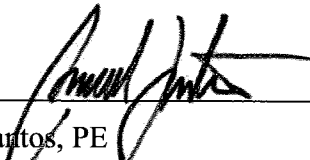
The results of the fourth quarter 2011 sampling event indicate that petroleum-hydrocarbon constituent concentrations are generally consistent with respect to historical data. In addition, the groundwater elevation, flow direction, and gradient are consistent with historical measurements. Laboratory results indicate that all concentrations were below the Model Toxics Control Act (MTCA) Method A cleanup levels or laboratory reporting limits.

Blaine Tech will continue to perform groundwater monitoring and sampling on a quarterly basis.

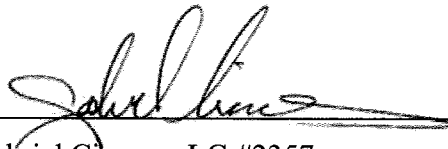
If you have any questions or comments, please contact me at (208) 429-3772 or via email at ronald.santos@saic.com.

Sincerely,

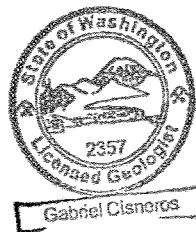
SAIC Energy, Environment, & Infrastructure, LLC



Ron Santos, PE
Senior Project Engineer



Gabriel Cisneros LG #2357
Geologist



Enclosures:

Figure 1 – Potentiometric Map

Figure 2 – Site Plan with Groundwater Analytical Results

Table 1 – Groundwater Monitoring Data and Analytical Results

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

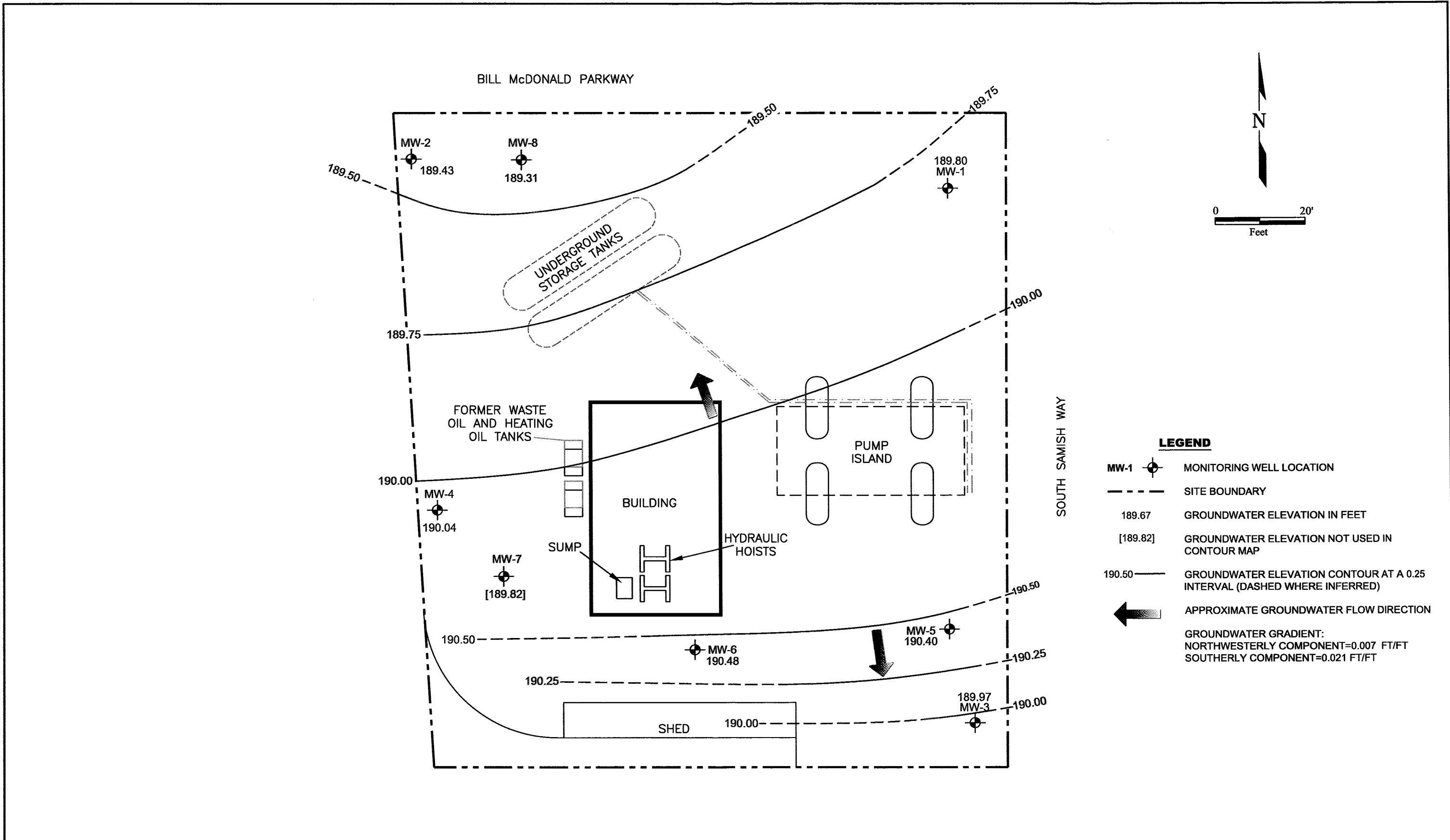
This technical document was prepared on behalf of Chevron and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by SAIC. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges 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

- MW-1 MONITORING WELL LOCATION
- - - - - SITE BOUNDARY
- 189.67 GROUNDWATER ELEVATION IN FEET
- [189.82] GROUNDWATER ELEVATION NOT USED IN CONTOUR MAP
- 190.50 — GROUNDWATER ELEVATION CONTOUR AT A 0.25 INTERVAL (DASHED WHERE INFERRED)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- GROUNDWATER GRADIENT:
NORTHWESTERLY COMPONENT=0.007 FT/FT
SOUTHERLY COMPONENT=0.021 FT/FT



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 November 22, 2011
DATE: 1/31/2012	DRAWING: 351448 Site Map.dwg

MW-8	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	--	<50	<50	<50
TPH-D	--	740	<30	<30
TPH-O	--	<370	<70	<69
B	--	1	<0.5	<0.5
T	--	<0.5	<0.5	<0.5
E	--	<0.5	<0.5	<0.5
X	--	<0.5	<0.5	<0.5

MW-2	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	<50	<50	<50	<50
TPH-D	<78.4	<30	<31	<30
TPH-O	<392	<70	<72	<69
B	<1.0	<0.5	<0.5	<0.5
T	<1.0	<0.5	<0.5	<0.5
E	<1.0	<0.5	<0.5	<0.5
X	<3.0	<0.5	<0.5	<0.5

MW-4	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	<50	<50	<50	<50
TPH-D	<77.7	<30	59	<29
TPH-O	<388	<69	<71	<68
B	<1.0	<0.5	<0.5	<0.5
T	<1.0	<0.5	<0.5	<0.5
E	<1.0	<0.5	<0.5	<0.5
X	<3.0	<0.5	<0.5	<0.5

MW-7	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	221	260	160	180
TPH-D	212	730	560	160
TPH-O	<392	<68	<70	<67
B	<1.0	<0.5	<0.5	<0.5
T	<1.0	<0.5	<0.5	<0.5
E	<1.0	<0.5	<0.5	<0.5
X	<3.0	<0.5	<0.5	<0.5

MW-6	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	<50	<50	<50	<50
TPH-D	<78.4	<32	<30	<29
TPH-O	<392	<74	<71	<67
B	<1.0	<0.5	<0.5	<0.5
T	<1.0	<0.5	<0.5	<0.5
E	<1.0	<0.5	<0.5	<0.5
X	<3.0	<0.5	<0.5	<0.5

MW-5	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	--	<50	<50	<50
TPH-D	--	49	<30	<30
TPH-O	--	<70	<69	<69
B	--	<0.5	<0.5	<0.5
T	--	<0.5	<0.5	<0.5
E	--	<0.5	<0.5	<0.5
X	--	<0.5	<0.5	<0.5

MW-3	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	<50	<50	<50	<50
TPH-D	<78.4	<30	37	<29
TPH-O	<392	<70	<76	<67
B	<1.0	<0.5	<0.5	<0.5
T	<1.0	<0.5	<0.5	<0.5
E	<1.0	<0.5	<0.5	<0.5
X	<3.0	<0.5	<0.5	<0.5

MW-1	2/21/11	5/18/11	8/17/11	11/22/11
TPH-G	<50	<50	<50	<50
TPH-D	<78.4	<30	57	<29
TPH-O	<392	<69	<74	<68
B	<1.0	<0.5	<0.5	<0.5
T	<1.0	<0.5	<0.5	<0.5
E	<1.0	<0.5	<0.5	<0.5
X	<3.0	<0.5	<0.5	<0.5

BILL McDONALD PARKWAY

UNDERGROUND STORAGE TANKS

FORMER WASTE OIL AND HEATING OIL TANKS

BUILDING

PUMP ISLAND



SUMP

HYDRAULIC HOISTS

SHED

SOUTH SAMISH WAY

LEGEND

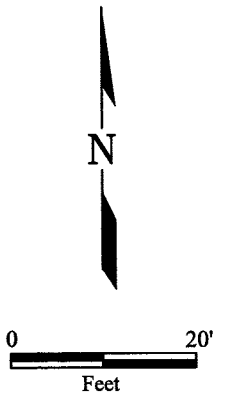
-  MONITORING WELL LOCATION
-  SITE BOUNDARY

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
- NOT ANALYZED OR NOT APPLICABLE



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

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

FIGURE 2
Site Plan with Groundwater Analytical Results (November 22, 2011)

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY 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 98.49	03/11/99	4.96	--	93.53	<50	<250	<750 ^e	<0.500	<0.500	<0.500	<1.00	--	--	--	2.41	--	--		
	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	<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	--	--		
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		

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76 PRODUCTS FACILITY No. 351448
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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-2 100.74	03/11/99	7.93	--	92.81	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	162	--	--
	05/25/99	8.18	--	92.56	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	08/12/99	8.94	--	91.80	<50	281	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	12/07/99	8.04	--	92.70	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	17.0	--	--
	02/10/00	8.32	--	92.42	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	49.1	--	--
	02/02/01	6.40	--	94.34	<50	<250	<750 ^c	<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 ^c	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.																
198.03	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	--
	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	

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY 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 97.84	03/11/99	4.93	--	92.91	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	6.35	--	--
	05/25/99	5.19	--	92.65	210	383	<750 ^c	<0.500	<0.500	3.04	3.93	--	--	--	--	--	--
	08/12/99	5.70	--	92.14	56.3	<250	<750 ^c	<0.500	<0.500	0.732	1.84	--	--	--	--	--	--
	12/07/99	5.03	--	92.81	94.7	<250	<750 ^c	<0.500	0.598	<0.500	<1.00	--	--	--	4.40	--	--
	02/10/00	4.92	--	92.92	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	17.6	--	--
	02/02/01	4.76	--	93.08	63.0	413	<750 ^c	<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 ^c	<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.												
195.19	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	--
	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	
MW-4 99.44	03/11/99	6.39	--	93.05	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	29.0	--	--
	05/25/99	6.62	--	92.82	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	08/12/99	7.31	--	92.13	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
	12/07/99	6.37	--	93.07	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	10.2	--	--
	02/10/00	6.48	--	92.96	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	23.6	--	--
02/02/01	6.37	--	93.07	<50	<250	<750 ^c	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY 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 (cont)	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 ^c	<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 ^c	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 ^c	<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.																
196.77	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	--	189.06	<50	256	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	6.53	--	190.24	<50	142	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/26/10	6.39	--	190.38	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	6.19	--	190.58	<50	81.3	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	7.38	--	189.39	<50	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	12/02/10	6.28	--	190.49	<50	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/21/11	6.22	--	190.55	<50	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	05/18/11	5.73	--	191.04	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
	08/17/11	7.31	--	189.46	<50	59	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
11/22/11	6.73	--	190.04	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	
MW-5 101.14	01/11/06	4.04	--	97.10	<48	<75	<94	1.7	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
	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.																

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76 PRODUCTS FACILITY 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 (cont) 195.00	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	--	
	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
	MW-6 99.74	01/11/06	4.89	--	94.85	<48	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
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	--	
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	--	--	--	--	--	--		
05/18/11	5.22	--	191.30	<50	<32	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50		
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		
MW-7 99.64	01/11/06	6.07	--	93.57	160	780^b	<94 ^b	<0.2	<0.2	<0.2	<0.6	2.5	--	--	<8.4	--	--	
	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	--	
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	--	--	--	--	--			

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY 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-7 (cont)	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
MW-8 102.7	01/11/06	7.00	--	95.70	<48	<76	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	<8.4	--	--
	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	--	--	--	--	--
MW-8 (cont) 197.48	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	--
	09/29/09	8.89	--	188.59	<50	88.5	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
	12/09/09	7.40	--	190.08	57.9	112	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	02/26/10	7.40	--	190.08	<50	136	496	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	06/04/10	7.18	--	190.30	<50	99	<392	3.8	<1.0	<1.0	<3.0	--	--	--	--	--	--
	08/03/10	8.40	--	189.08	<50	<76.9	<385	3.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
	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	<0.5	--	--	--	--	--
08/17/11	8.35	--	189.13	<50	<30 ^e	<70 ^e	<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
MTCA Method A Cleanup Levels:					1,000/800 ^a	500	500	5	1,000	700	1,000	20	5	0.01	15	15	NE

NOTES:

Bolding indicates a concentration greater than MTCA Method A Cleanup Level.

Groundwater monitoring data, 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 sample 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.

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY No. 351448
200 South 36th Street, Bellingham, Washington
Concentrations reported in µg/L

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

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
MW-2	11/22/11	0.80	48.7	6.35	497	12.55	0.0	248,000	<460	<250	14,000
MW-3	11/22/11	1.01	-14.7	6.47	605	12.76	1.8	419,000	<460	<250	16,900
MW-4	11/22/11	0.81	57.9	6.22	422	13.21	0.0	252,000	<460	<250	16,100
MW-5	11/22/11	0.80	-123	6.43	691	13.13	1.2	415,000	<460	<250	12,700
MW-6	11/22/11	0.87	-29.5	6.48	545	13.28	0.6	294,000	<460	<250	4,900
MW-7	11/22/11	0.83	-51.5	6.32	454	12.26	0.2	260,000	<460	<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

NOTES:

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

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.

Attachment A:
Groundwater Monitoring and Sampling Data Package

WELL GAUGING DATA

Project # 11122-381 Date 11/22/11 Client CH2M

Site 200 S. 36TH ST / BELLINGHAM

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	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	0647	2					5.99	22.69		
MW-2	0638	2					8.60	20.71		
MW-3	0651	2					5.22	20.93		
MW-4	0703	2					6.73	20.26		
MW-5	0655	2					4.60	13.59		
MW-6	0659	2					6.04	13.68		
MW-7	0708	2					7.11	18.03		
MW-8	0642	2					8.17	17.51	✓	

WELLHEAD INSPECTION FORM

Client: CHEOROW Site: 200 S 35TH ST / BELLINGHAM Date: 11/22/11
 Job #: 11122-331 Technician: JB Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check Indicates deficiency										Well Not Inspected (explain in notes)	Notes <small>(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)</small>			
		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)	
MW-1	X															
MW-2	X															
MW-3						1/3										WATER BAILED FROM WELLBOX
MW-4						2/3										WATER BAILED FROM WELLBOX
MW-5						3/3										
MW-6				X		3/3										WATER BAILED FROM WELLBOX
MW-7				X												WATER BAILED FROM WELLBOX
MW-8				X					X							CRACKS IN APRON WATER BAILED FROM WELLBOX

NOTES: _____

CHEVRON TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING**


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

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

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

35-1442 CHEVRON # MARK INGUS Chevron Engineer
200 SOUTH 36TH STREET BELLINGHAM WA
 street number street name city state

SAIC

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	1		
MW-2	1		
MW-3	1		
MW-4	1.5		
MW-5	1		
MW-6	1		
MW-7	1		
MW-8	1		
added equip.		any other	
rinse water	4	adjustments	
TOTAL GALS. RECOVERED	<u>12.5</u>	loaded onto	
		BTS vehicle #	<u>79</u>
BTS event #	time	date	
<u>11122-521</u>	<u>1230</u>	<u>11/22/11</u>	
signature			

REC'D AT	time	date	
		<u>1/1</u>	
unloaded by	signature		

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: CHEVRON Date 11/22/11

Site Address: 200 S. 36TH ST / BELLINGHAM

Job Number: 11122-51 Technician(s): JS

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	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Working at height	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lock-out/Tag-out	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Excavations greater than 4 feet deep	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Excavations within 3 feet of a buried active electrical line or product piping or within 10 feet of a high pressure gas line.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Use of overhead equipment within 15 feet of an overhead electrical power line or pole supporting one	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hot work	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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] AM 8/10/11 1502

Name Title Date Time

Attachment B:
Laboratory Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

December 13, 2011

Project: 351448

Submittal Date: 11/23/2011
Group Number: 1278116
PO Number: 0015080262
Release Number: INGLIS
State of Sample Origin: WA

<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
MW-1 Grab Water Sample	6481206
MW-2 Grab Water Sample	6481207
MW-3 Grab Water Sample	6481208
MW-4 Grab Water Sample	6481209
MW-5 Grab Water Sample	6481210
MW-6 Grab Water Sample	6481211
MW-7 Grab Water Sample	6481212
MW-8 Grab Water Sample	6481213
QA Water Sample	6481214

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

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



Analysis Report

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

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Robert Heisey".

Robert Heisey
Senior Specialist

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

LLI Sample # WW 6481206
LLI Group # 1278116
Account # 11255

Project Name: 351448

Collected: 11/22/2011 08:49 by JB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

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	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					
	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.	68	1
The reverse surrogate, capric acid, was present at <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	
00202	Alkalinity to pH 4.5	n.a.	403,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 10:08	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 10:08	Nicholas R Rossi	1
08273	NWTPh-Gx water C7-C12	ECY 97-602 NWTPh-Gx	1	11333B20A	11/29/2011 14:04	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 14:04	Marie D John	1
02211	NWTPh-Dx water w/Si Gel	ECY 97-602 NWTPh-Dx modified	1	113320014A	12/03/2011 06:35	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPh-Dx 06/97	1	113320014A	11/28/2011 20:35	Karen L Beyer	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/23/2011 23:32	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/23/2011 23:32	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1



Analysis Report

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

LLI Sample # WW 6481207
LLI Group # 1278116
Account # 11255

Project Name: 351448

Collected: 11/22/2011 07:28 by JB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

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					
	ECY 97-602 NWTPH-Dx modified		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1
The reverse surrogate, capric acid, was present at <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	14,000	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	248,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 10:29	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 10:29	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11333B20A	11/29/2011 14:26	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 14:26	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	113400018A	12/09/2011 03:04	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	2	113400018A	12/06/2011 22:00	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/24/2011 00:13	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/24/2011 00:13	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1

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

LLI Sample # WW 6481208
LLI Group # 1278116
Account # 11255

Project Name: 351448

Collected: 11/22/2011 09:30 by JB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

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					
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 NWT PH-Gx ug/l					
08273	NWT PH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons ECY 97-602 NWT PH-Dx modified 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
The reverse surrogate, capric acid, was present at <1%.					
Wet Chemistry EPA 300.0 ug/l					
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	16,900	1,500	5
SM20 2320 B ug/l as CaCO3					
00202	Alkalinity to pH 4.5	n.a.	419,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 11:34	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 11:34	Nicholas R Rossi	1
08273	NWT PH-Gx water C7-C12	ECY 97-602 NWT PH-Gx	1	11333B20A	11/29/2011 14:48	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 14:48	Marie D John	1
02211	NWT PH-Dx water w/Si Gel	ECY 97-602 NWT PH-Dx modified	1	113400018A	12/09/2011 03:25	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWT PH-Dx 06/97	2	113400018A	12/06/2011 22:00	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/24/2011 00:26	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/24/2011 00:26	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1



Analysis Report

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

LLI Sample # WW 6481209
 LLI Group # 1278116
 Account # 11255

Project Name: 351448

Collected: 11/22/2011 11:26 by JB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

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					
		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.	68	1
The reverse surrogate, capric acid, was present at <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	16,100	1,500	5
		SM20 2320 B	ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	252,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 11:56	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 11:56	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11333B20A	11/29/2011 15:10	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 15:10	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	113400018A	12/09/2011 03:47	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	2	113400018A	12/06/2011 22:00	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/24/2011 00:40	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/24/2011 00:40	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201A	12/03/2011 08:36	Hannah M Royer	1



Analysis Report

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

LLI Sample # WW 6481210
 LLI Group # 1278116
 Account # 11255

Project Name: 351448

Collected: 11/22/2011 10:10 by JB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

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 NWT PH-Gx		ug/l	ug/l	
08273	NWT PH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons					
	ECY 97-602 NWT PH-Dx modified		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1
The reverse surrogate, capric acid, was present at <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	12,700	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	415,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 12:18	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 12:18	Nicholas R Rossi	1
08273	NWT PH-Gx water C7-C12	ECY 97-602 NWT PH-Gx	1	11333B20A	11/29/2011 15:32	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 15:32	Marie D John	1
02211	NWT PH-Dx water w/Si Gel	ECY 97-602 NWT PH-Dx modified	1	113400018A	12/09/2011 04:09	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWT PH-Dx 06/97	2	113400018A	12/06/2011 22:00	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/24/2011 00:54	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/24/2011 00:54	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1



Analysis Report

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

LLI Sample # WW 6481211
LLI Group # 1278116
Account # 11255

Project Name: 351448

Collected: 11/22/2011 10:48 by JB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

36BM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
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					
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum ECY 97-602 NWTPH-Dx					
Hydrocarbons modified					
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
The reverse surrogate, capric acid, was present at <1%.					
Wet Chemistry EPA 300.0					
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	4,900	1,500	5
SM20 2320 B					
00202	Alkalinity to pH 4.5	n.a.	294,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 12:39	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 12:39	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11333B20A	11/29/2011 15:54	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 15:54	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	113400018A	12/09/2011 04:31	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	2	113400018A	12/06/2011 22:00	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/24/2011 01:07	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/24/2011 01:07	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1



Analysis Report

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

LLI Sample # WW 6481212
LLI Group # 1278116
Account # 11255

Project Name: 351448

Collected: 11/22/2011 12:06 by JB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

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.	180	50	1
GC Petroleum Hydrocarbons					
		ECY 97-602 NWTPh-Dx modified	ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	160	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
The reverse surrogate, capric acid, was present at <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	
00202	Alkalinity to pH 4.5	n.a.	260,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 13:01	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 13:01	Nicholas R Rossi	1
08273	NWTPh-Gx water C7-C12	ECY 97-602 NWTPh-Gx	1	11333B20A	11/29/2011 16:16	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 16:16	Marie D John	1
02211	NWTPh-Dx water w/Si Gel	ECY 97-602 NWTPh-Dx modified	1	113400018A	12/09/2011 04:52	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPh-Dx 06/97	2	113400018A	12/06/2011 22:00	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/24/2011 01:21	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/24/2011 01:21	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1



Analysis Report

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

LLI Sample # WW 6481213
LLI Group # 1278116
Account # 11255

Project Name: 351448

Collected: 11/22/2011 08:09 by JB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 11/23/2011 09:30

Reported: 12/13/2011 11:36

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					
	ECY 97-602 NWTPH-Dx modified		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1
The reverse surrogate, capric acid, was present at <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	3,500	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	382,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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	F113342AA	11/30/2011 13:23	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 13:23	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11333B20A	11/29/2011 16:38	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333B20A	11/29/2011 16:38	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	113400018A	12/09/2011 05:14	Michele D Hamilton	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	2	113400018A	12/06/2011 22:00	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11327196601A	11/24/2011 02:02	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11327196601A	11/24/2011 02:02	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	11337020201B	12/03/2011 08:36	Hannah M Royer	1



Analysis Report

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Page 1 of 1

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

LLI Sample # WW 6481214
 LLI Group # 1278116
 Account # 11255

Project Name: 351448

Collected: 11/22/2011 06:30

Chevron

Submitted: 11/23/2011 09:30

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Reported: 12/13/2011 11:36

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	F113342AA	11/30/2011 13:45	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F113342AA	11/30/2011 13:45	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11333D20A	11/30/2011 13:54	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11333D20A	11/30/2011 13:54	Marie D John	1

Quality Control Summary

 Client Name: Chevron
 Reported: 12/13/11 at 11:36 AM

Group Number: 1278116

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: F113342AA	Sample number(s): 6481206-6481214							
Benzene	N.D.	0.5	ug/l	86		79-120		
Ethanol	N.D.	50.	ug/l	97		54-149		
Ethylbenzene	N.D.	0.5	ug/l	88		79-120		
Toluene	N.D.	0.5	ug/l	89		79-120		
Xylene (Total)	N.D.	0.5	ug/l	88		80-120		
Batch number: 11333B20A	Sample number(s): 6481206-6481213							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: 11333D20A	Sample number(s): 6481214							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	91	100	75-135	10	30
Batch number: 113320014A	Sample number(s): 6481206							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	64	61	56-103	4	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 113400018A	Sample number(s): 6481207-6481213							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	75	68	56-103	11	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 11327196601A	Sample number(s): 6481206-6481213							
Nitrate Nitrogen	N.D.	50.	ug/l	104		90-110		
Sulfate	N.D.	300.	ug/l	104		90-110		
Batch number: 11337020201A	Sample number(s): 6481206-6481209							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	98		98-103		
Batch number: 11337020201B	Sample number(s): 6481210-6481213							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	98		98-103		

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: F113342AA	Sample number(s): 6481206-6481214 UNSPK: 6481207								
Benzene	101	98	80-126	3	30				

*- Outside of specification

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

Quality Control Summary

 Client Name: Chevron Group Number: 1278116
 Reported: 12/13/11 at 11:36 AM

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	BKG MAX Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethanol	85	90	53-146	6	30			
Ethylbenzene	98	100	71-134	2	30			
Toluene	100	100	80-125	1	30			
Xylene (Total)	97	98	79-125	1	30			
Batch number: 11327196601A Sample number(s): 6481206-6481213 UNSPK: 6481206 BKG: 6481206								
Nitrate Nitrogen	99		90-110		N.D.	N.D.	0 (1)	20
Sulfate	129*		90-110		N.D.	N.D.	0 (1)	20
Batch number: 11337020201A Sample number(s): 6481206-6481209 UNSPK: P480987 BKG: P480987								
Alkalinity to pH 4.5	97		73-121		35,700	36,300	2	5
Alkalinity to pH 8.3					N.D.	N.D.	0 (1)	5
Batch number: 11337020201B Sample number(s): 6481210-6481213 UNSPK: P480987 BKG: P481264								
Alkalinity to pH 4.5	97		73-121		119,000	124,000	4	5
Alkalinity to pH 8.3					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: F113342AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6481206	92	98	100	90
6481207	92	101	99	89
6481208	91	100	101	91
6481209	91	101	100	90
6481210	90	98	102	92
6481211	92	99	100	92
6481212	91	100	99	93
6481213	90	97	100	92
6481214	92	101	101	92
Blank	91	98	100	92
LCS	90	98	100	96
MS	92	100	100	97
MSD	90	100	100	98
Limits:	80-116	77-113	80-113	78-113

 Analysis Name: NWTPH-Gx water C7-C12
 Batch number: 11333B20A
 Trifluorotoluene-F

6481206	87
6481207	86
6481208	86
6481209	85

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 12/13/11 at 11:36 AM

Group Number: 1278116

Surrogate Quality Control

6481210	102
6481211	86
6481212	87
6481213	91
Blank	85
LCS	110
LCSD	109

Limits: 63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 11333D20A
Trifluorotoluene-F

6481214	79
Blank	87
LCS	111
LCSD	112

Limits: 63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 113320014A
Orthoterphenyl

6481206	75
Blank	80
LCS	83
LCSD	77

Limits: 50-150

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 113400018A
Orthoterphenyl

6481207	84
6481208	75
6481209	71
6481210	88
6481211	92
6481212	80
6481213	71
Blank	71
LCS	97
LCSD	88

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: <u>35-1448</u> Program Designation: <u>CMP</u> Site Address (street, city, state / county): <u>200 S 36th St, Bellingham, WA</u> Chevron PM: Chevron PM Phone No.: <input type="checkbox"/> Retail and Terminal Business Unit (RTBU) Job <input type="checkbox"/> Construction/Retail Job				Chevron Consultant: <u>SAIC</u> Address: <u>405 S 8th St, Suite 301, Boise ID</u> Consultant Contact: <u>Ron Santos</u> Consultant Phone No. <u>(208) 429-3772</u> Consultant Project No. <u>11122-JB1</u> Sampling Company: <u>Blaine Tech Services</u> Sampled By (Print): <u>SAIC</u> Sampler Signature: <u>[Signature]</u>				ANALYSES REQUIRED													
Charge Code: <u>NWRTB 00SITE NUMBER 0-O OML</u> WBS ELEMENTS: Site Assessment: A1L REMEDIATION IMPLEMENTATION: R5L Site Monitoring: OML OPERATION MAINTENANCE & MONITORING: M1L				Lancaster Laboratories <input checked="" type="checkbox"/> Lancaster, PA Lab Contact: Megan Moeller 2425 New Holland Pike, Lancaster, PA 17601 Phone No: (717)658-2300				Other Lab _____ _____ _____ _____		Temp. Blank Check Time Temp. <u>270</u> <u>270</u> <u>2930</u> <u>2930</u> <u>1048</u> <u>1048</u> <u>1206</u> <u>1206</u>		TPH-DRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sec)	TPH-ORO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sec)	TPH-HRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sec)	8260B FULL LISTED ETHANOI BTEX MTBED	PAH's CPAH's 8270 SIM	TPH-G (NWTPH-Gx)	TOTAL LEAD (6020)	EDB (8011)	<u>PREPARED VIA FEDEX</u> <u>EXCELLENCE IN SERVICE</u> <u>EXCELLENCE IN SERVICE</u> <u>EXCELLENCE IN SERVICE</u>	Preservation Code: H = HCL T = Trisulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other Acct# <u>11255</u> Grp# <u>1278116</u> Sample# <u>6481206-14</u> Special Instructions
SAMPLE ID				Sample Time	# of Containers	Container Type	ANALYSES REQUIRED														
Field Point Name	Matrix	Top Depth	Date (yyymmdd)				TPH-DRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sec)	TPH-ORO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sec)	TPH-HRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sec)	8260B FULL LISTED ETHANOI BTEX MTBED	PAH's CPAH's 8270 SIM	TPH-G (NWTPH-Gx)	TOTAL LEAD (6020)	EDB (8011)	Notes/Comments						
MW-1	W		11122	0849	10	USA, POLY, AMBER	X	X	X	X											
MW-2				0728			X	X	X	X											
MW-3				0930			X	Y	X	X											
MW-4				1126			X	Y	X	X											
MW-5				1010			X	X	X	X											
MW-6				1048			X	Y	X	Y											
MW-7				1206			X	Y	X	X											
MW-8	↓			0809	↓	↓	X	Y	X	Y											
QA	T			0630	3	VOB			X	X											
Relinquished By <u>[Signature]</u> Company <u>BTS</u> Date/Time: <u>11/22/2011 1700</u>				Relinquished To <u>SAIC</u> Company <u>SAIC</u> Date/Time: <u>SHIPPED VIA FEDEX</u>				Turnaround Time: Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Other <input type="checkbox"/>													
Relinquished By <u>[Signature]</u> Company <u>[Signature]</u> Date/Time: <u>[Signature]</u>				Relinquished To <u>[Signature]</u> Company <u>[Signature]</u> Date/Time: <u>[Signature]</u>				Sample integrity: (Check by lab on arrival) Intact: <u>Y</u> On Ice: <u>Y</u> Temp: <u>1.9° ± 4.1° C</u>													
Relinquished By <u>[Signature]</u> Company <u>[Signature]</u> Date/Time: <u>[Signature]</u>				Relinquished To <u>[Signature]</u> Company <u>[Signature]</u> Date/Time: <u>11-23-11 0930</u>				COC #													

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq 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.

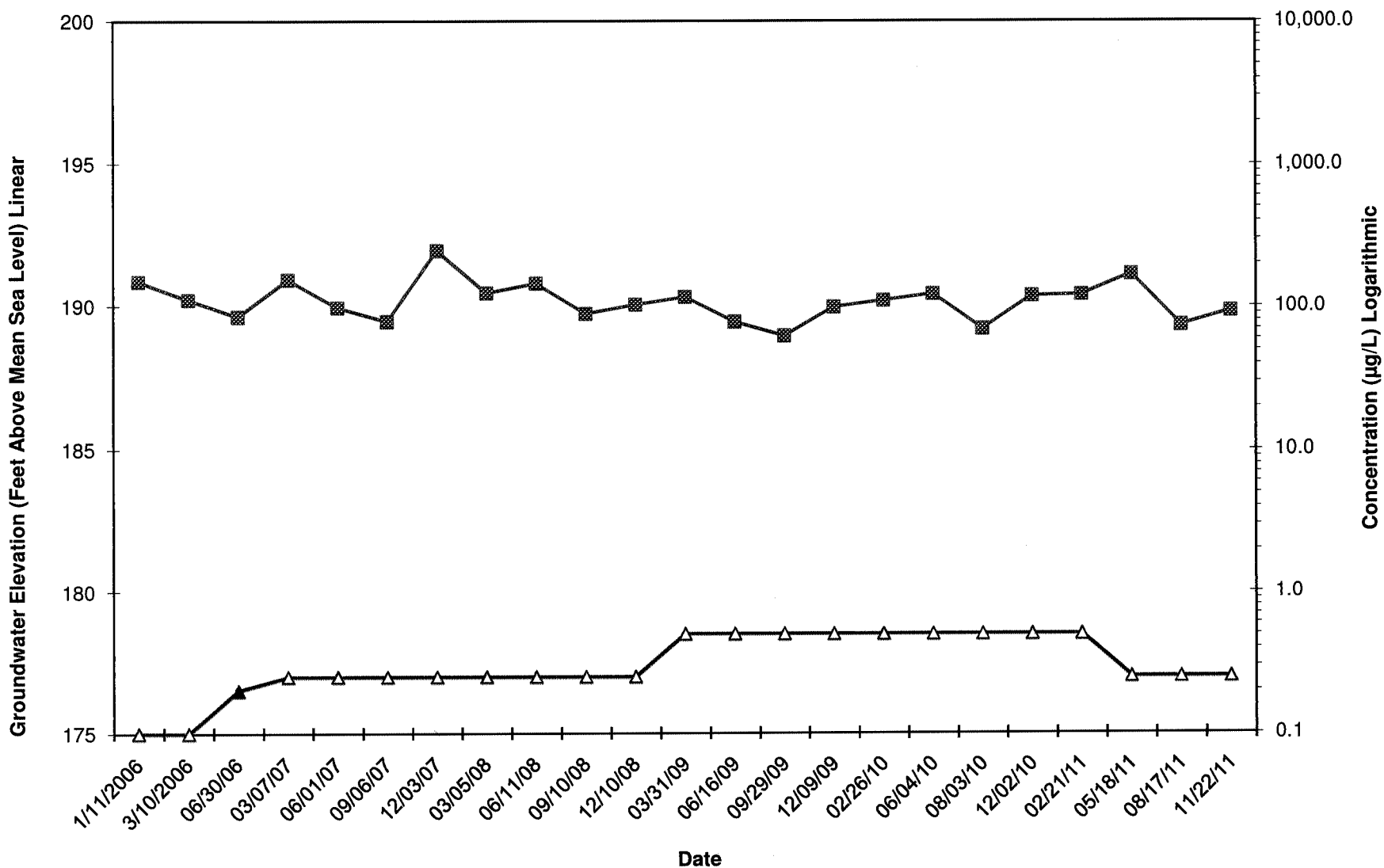
Measurement uncertainty values, as applicable, are available upon request.

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.

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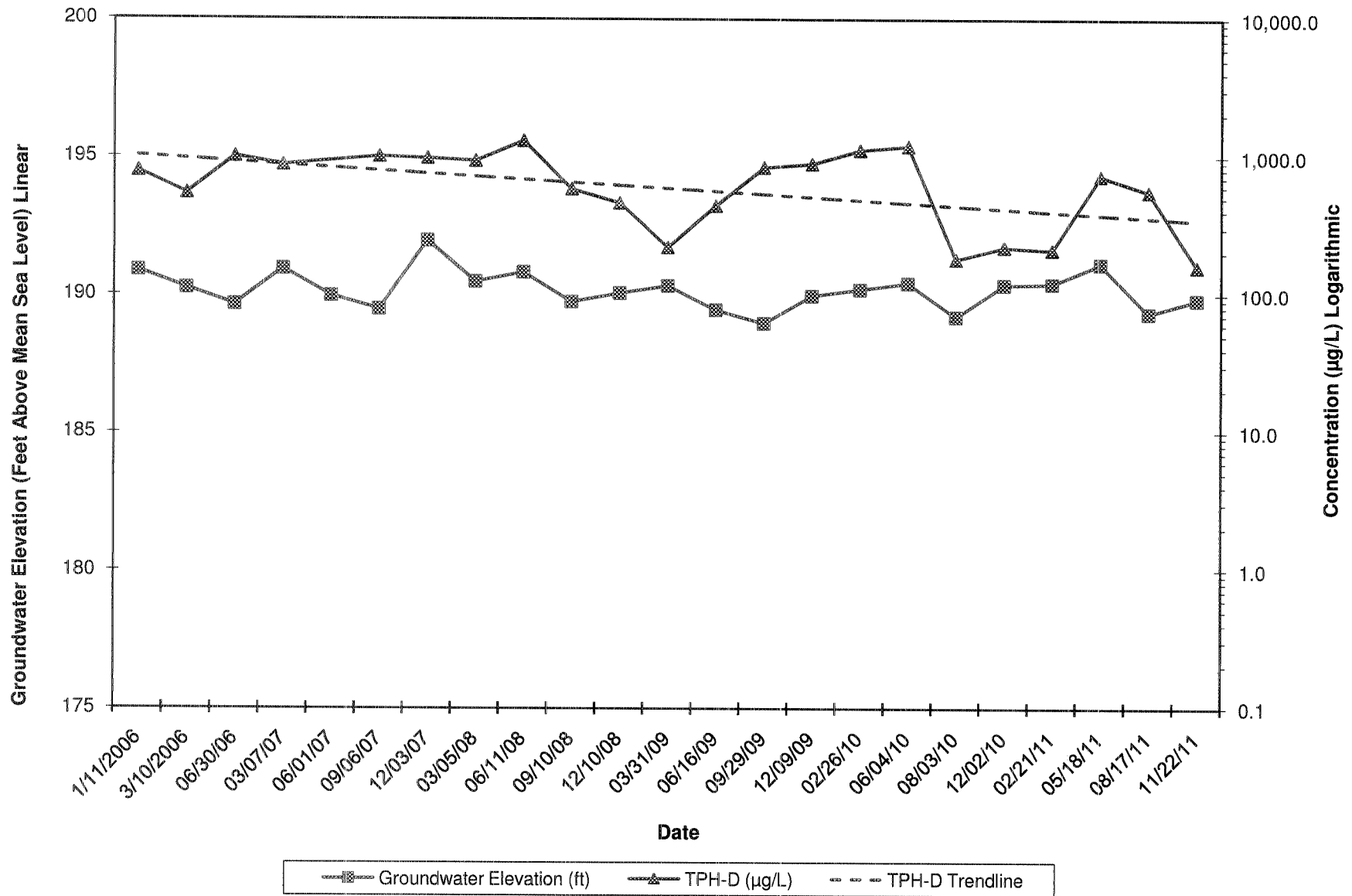
**Attachment C:
Hydrographs**

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

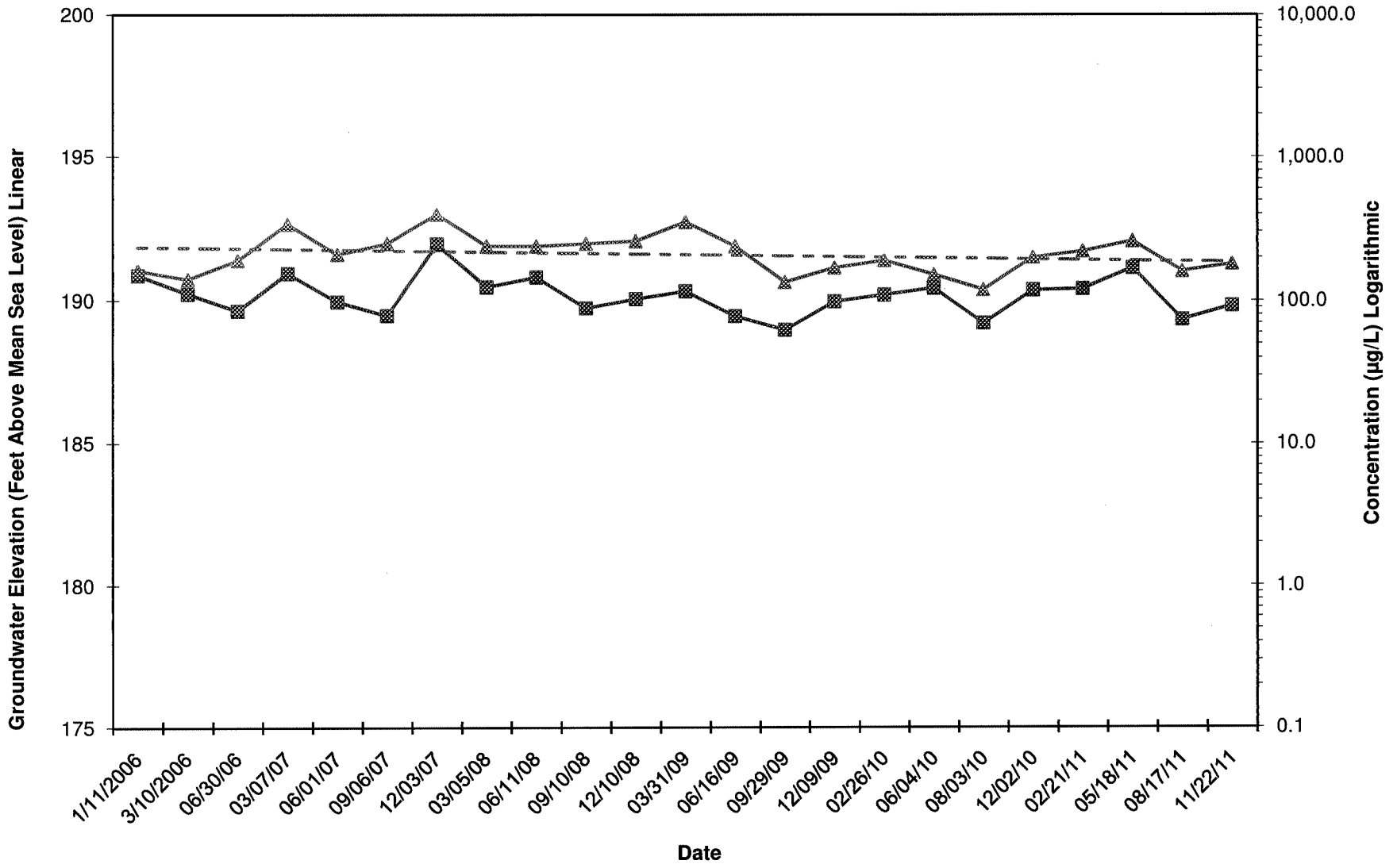


Groundwater Elevation (ft)
▲ Benzene (µg/L)
△ Benzene = ND

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

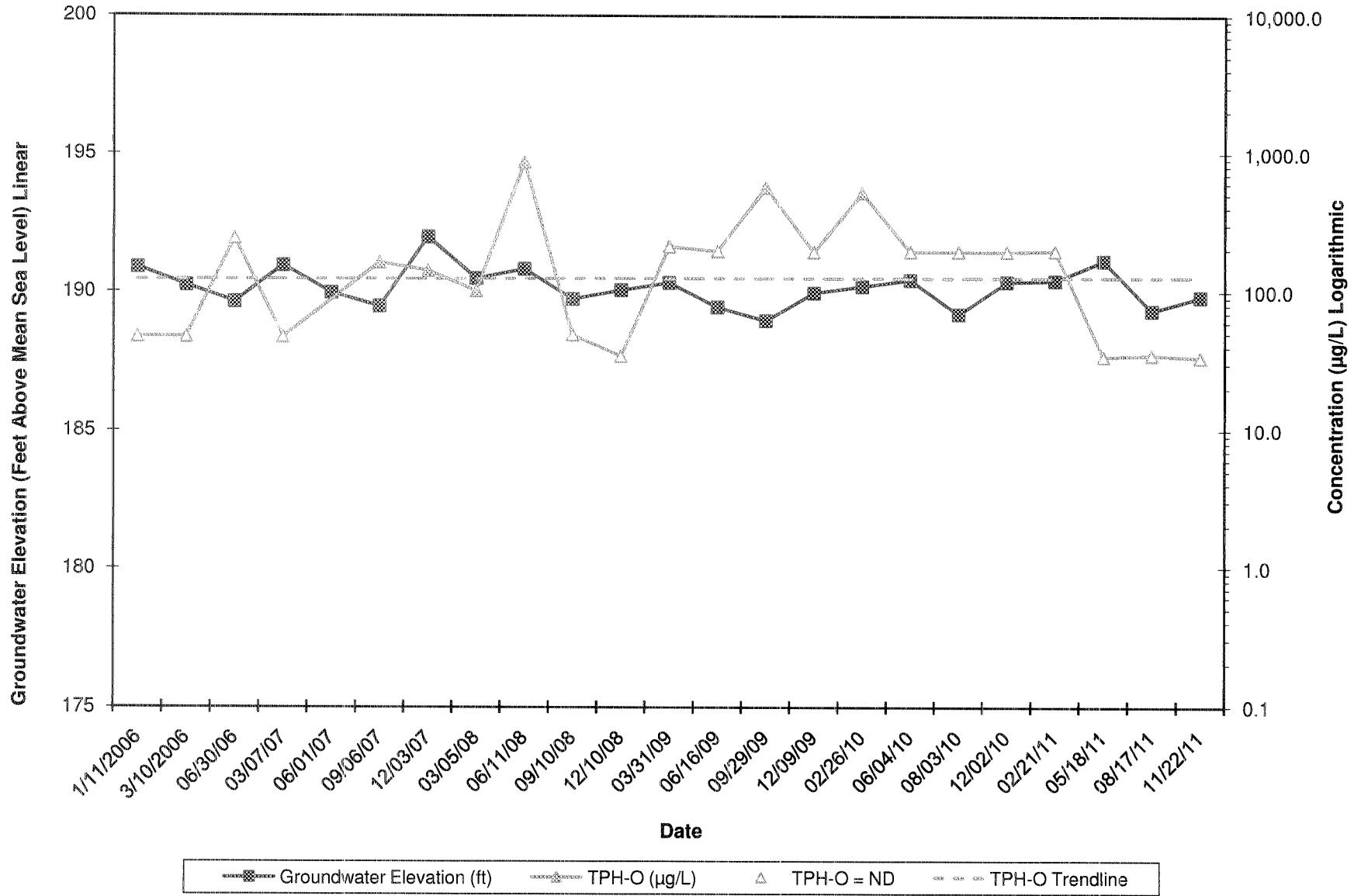


Well MW-7
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington

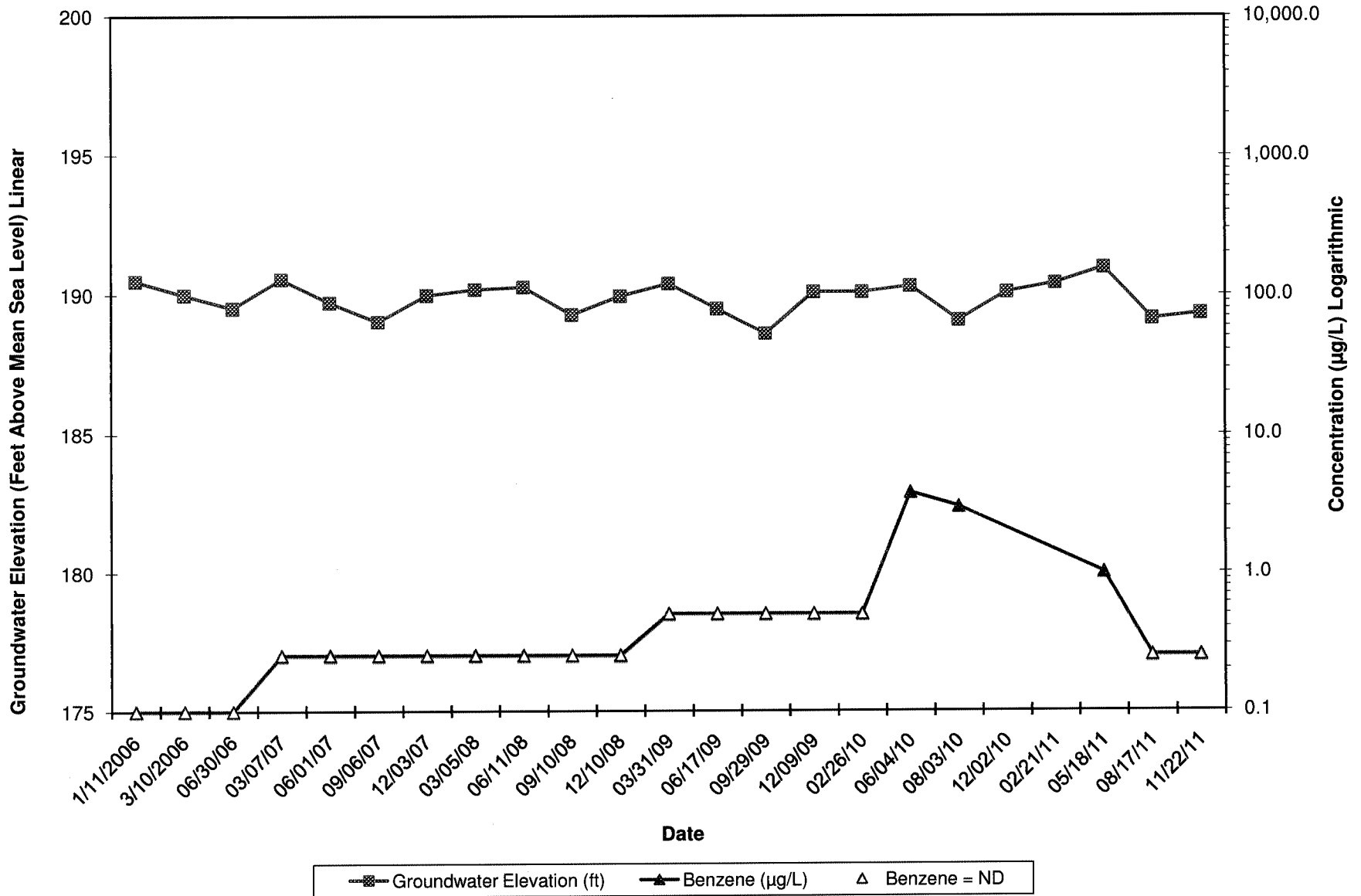


Groundwater Elevation (ft)
 TPH-G (µg/L)
 TPH-G Trendline

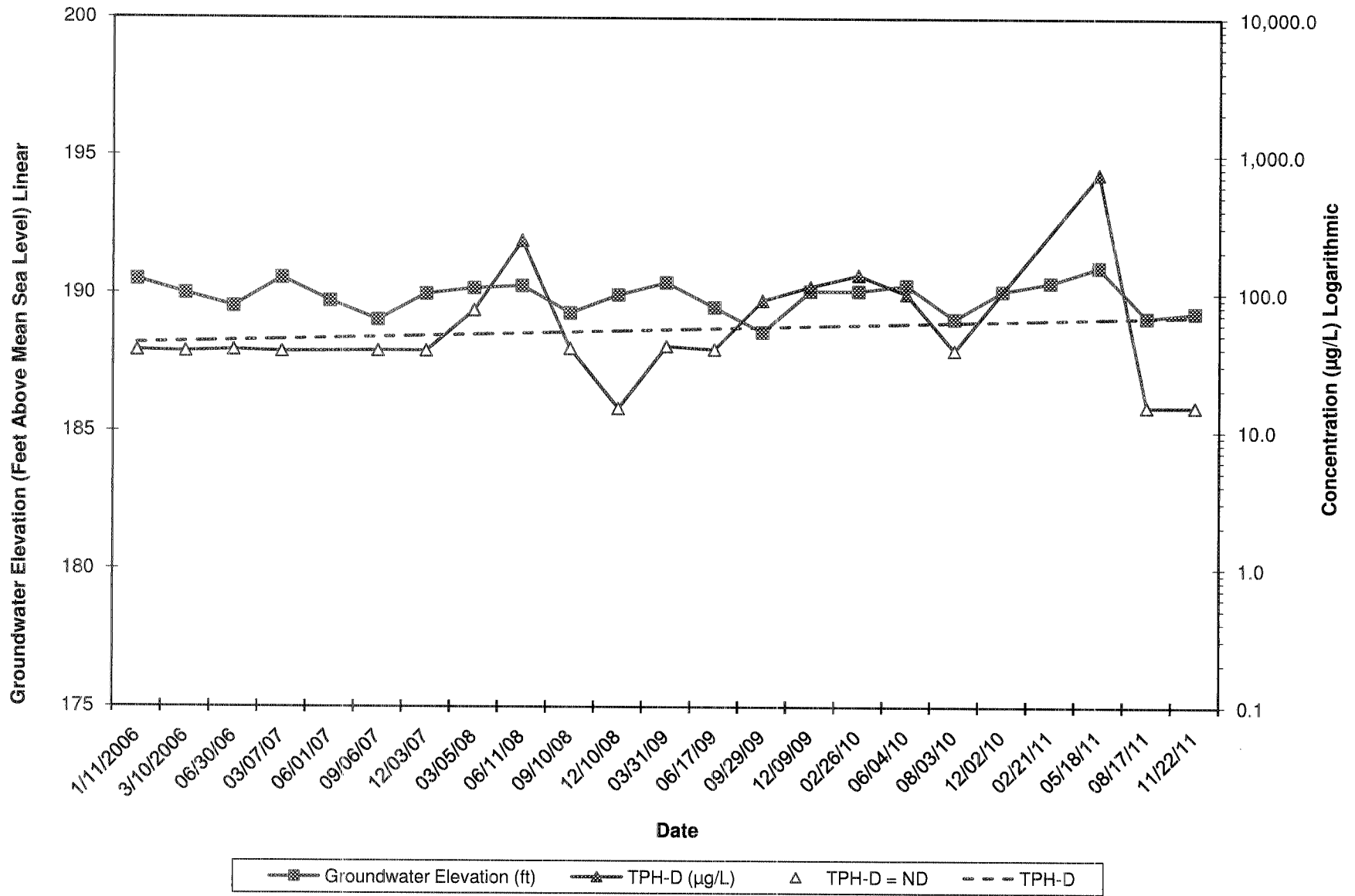
Well MW-7
Hydrograph - Heavy Oil-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



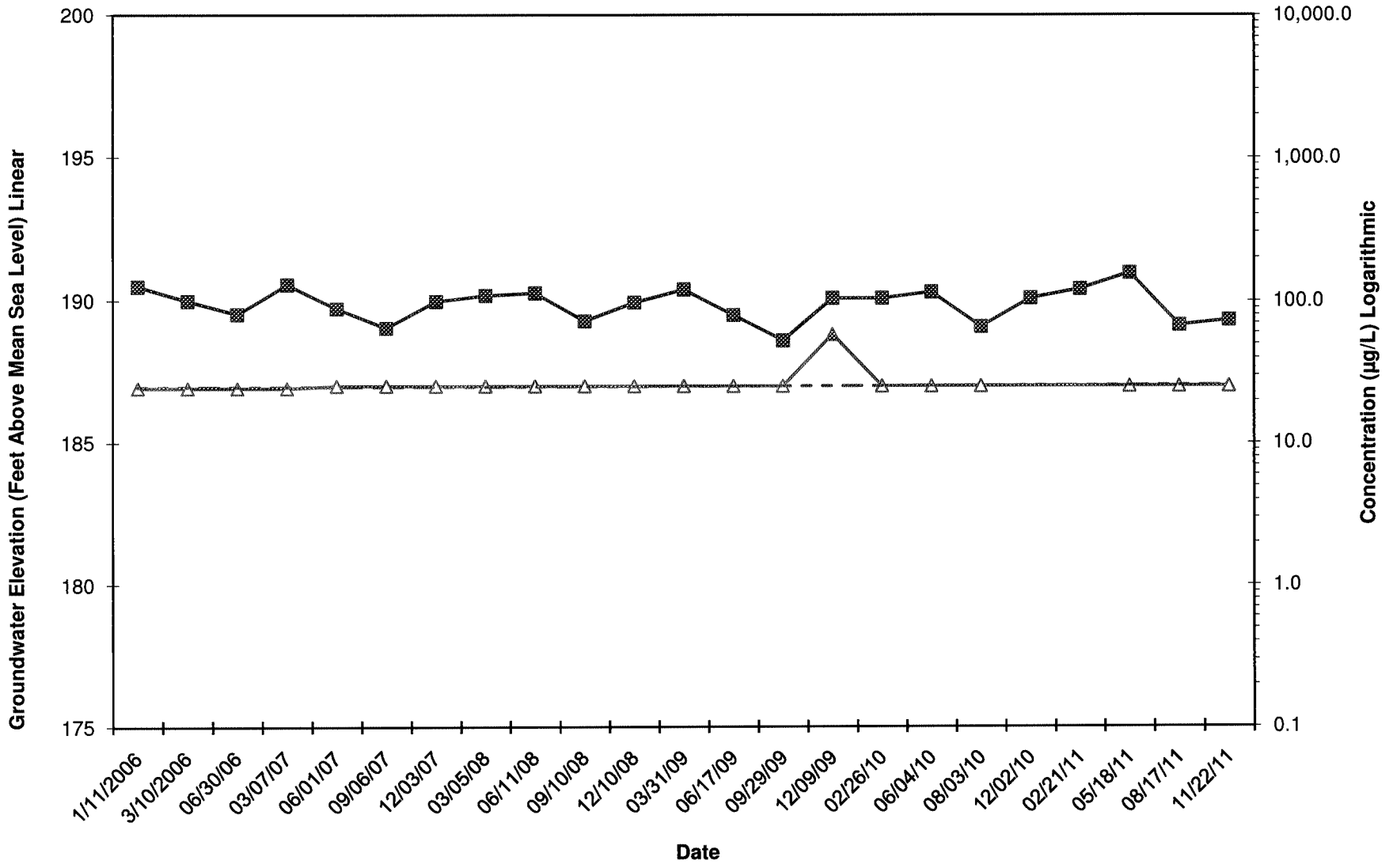
Well MW-8
Hydrograph - Benzene Concentrations
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



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



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



Groundwater Elevation (ft)
 TPH-G (µg/L)
 TPH-G = ND
 TPH-G Trendline

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

