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Bellingham
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June 4, 2012

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

Subject: **First 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 March 30, 2012. The Blaine Tech groundwater monitoring and sampling package is provided as Attachment A.

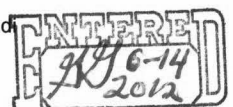
FIELD ACTIVITIES

On March 30, 2012, the depth to groundwater was measured in wells MW-1 through MW-8. The groundwater elevation ranged from 189.57 (MW-1) to 191.06 (MW-6) feet above mean sea level. Groundwater flow is to the northeast at a gradient of approximately 0.01 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 with silica-gel cleanup;



- 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 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 first quarter 2012 sampling event indicate that petroleum-hydrocarbon constituent concentrations are generally consistent with respect to historical data, with the exception of benzene detected in monitoring well MW-1. In addition, the groundwater elevation, flow direction, and gradient are consistent with historical measurements. Below is a summary of analytical results.

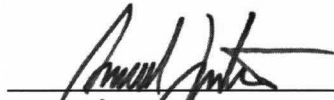
- Laboratory results indicate that TPH-D concentration in monitoring well MW-7 exceeded the Model Toxics Control Act (MTCA) Method A cleanup level.
- Benzene concentration in monitoring well MW-1 exceeded the MTCA Method A cleanup level.
- Remaining analytes were below their respective MTCA Method A 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,

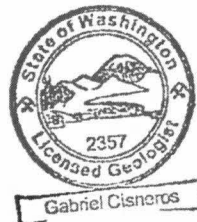
SAIC Energy, Environment, & Infrastructure, LLC



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.

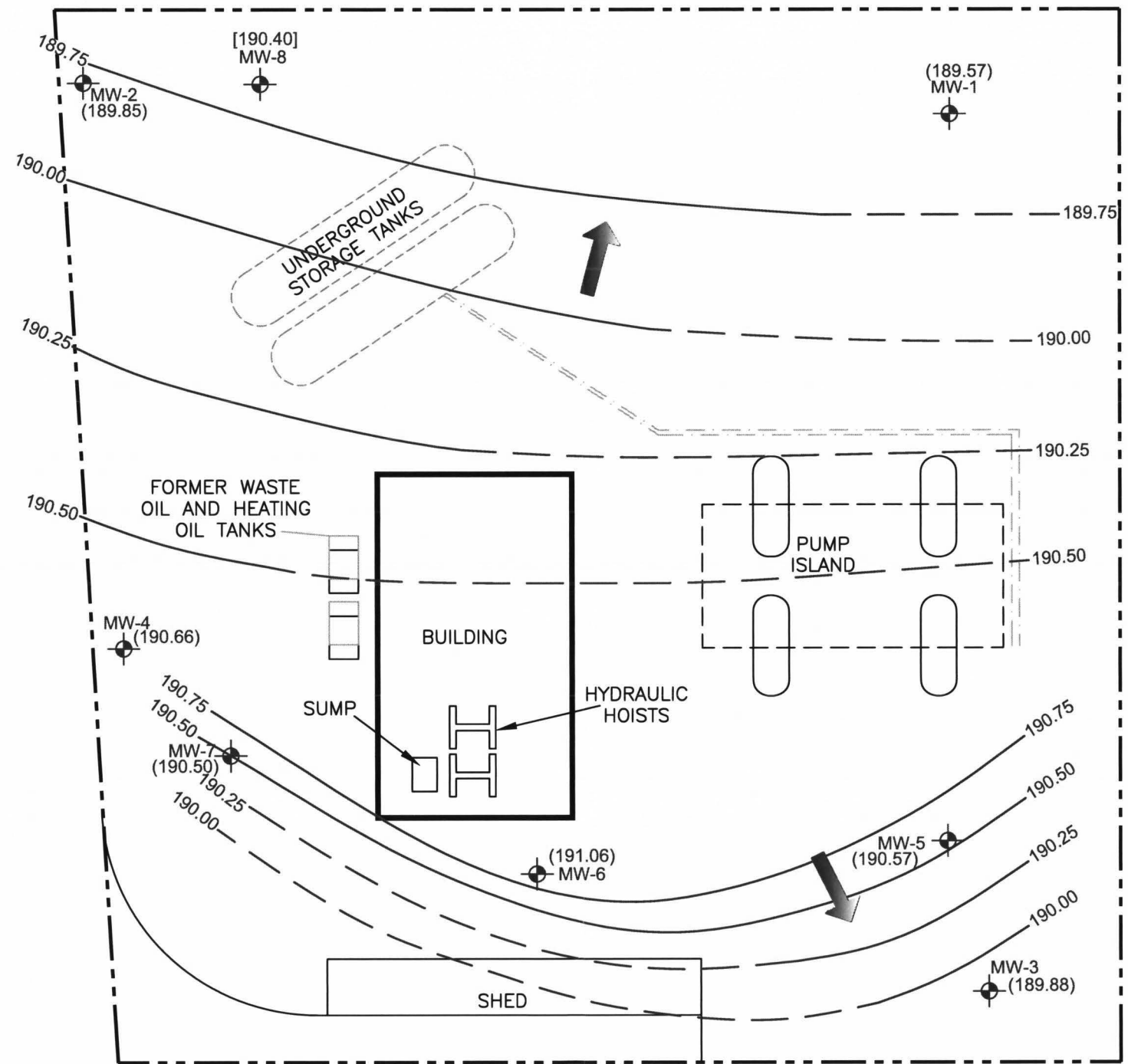
Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from 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.

BILL McDONALD PARKWAY



SOUTH SAMISH WAY

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=0.001 FT/FT
SOUTHERLY COMPONENT=0.031 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
March 30, 2012

DATE: 1/31/2012 DRAWING: 351448 Site Map.dwg

MW-8	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	<50	<50	<50	56
TPH-D	740	<30	<30	<29
TPH-O	<370	<70	<69	<67
B	1	<0.5	<0.5	1
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	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	<50	<50	<50	<50
TPH-D	<30	<31	<30	<28
TPH-O	<70	<72	<69	<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-4	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	<50	<50	<50	<50
TPH-D	<30	59	<29	<28
TPH-O	<69	<71	<68	<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-7	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	260	160	180	210
TPH-D	730	560	160	670
TPH-O	<68	<70	<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	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	<50	<50	<50	<50
TPH-D	<32	<30	<29	<29
TPH-O	<74	<71	<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-5	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	<50	<50	<50	<50
TPH-D	49	<30	<30	<29
TPH-O	<70	<69	<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-3	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	<50	<50	<50	<50
TPH-D	<30	37	<29	34
TPH-O	<70	<76	<67	120
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	5/18/11	8/17/11	11/22/11	3/30/12
TPH-G	<50	<50	<50	<50
TPH-D	<30	57	<29	<29
TPH-O	<69	<74	<68	<67
B	<0.5	<0.5	<0.5	40
T	<0.5	<0.5	<0.5	2
E	<0.5	<0.5	<0.5	<0.5
X	<0.5	<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



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 (March 30, 2012)

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	<0.8	1.0	--	--	--	--	--	
09/06/07	6.01	--	92.48	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.8	0.5	--	--	--	--	--	
12/03/07	6.63	--	91.86	<50	<400 ^c	<500 ^e	<0.5	<0.7	<0.8	<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	<0.8	1	--	--	--	--	--	
06/11/08	5.34	--	93.15	<50	<800 ^{h,c,e}	<1,000 ^{h,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	<0.8	1	--	--	--	--	--	
12/10/08	5.62	--	92.87	<50	<29	<69	<0.5	<0.7	<0.8	<0.8	<0.8	--	--	--	--	--	--	
03/31/09	5.55	--	92.94	<50	<83	<420	<1.0	<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	<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	<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	<0.5	--	--	--	--	--	<50	
08/17/11	6.12	--	189.67	<50	57	<74	<0.5	<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	<0.5	--	--	--	--	--	<50	
03/30/12	6.22	--	189.57	<50	<29	<67	40	2	<0.5	<0.5	<0.5	--	--	--	--	--	<50	

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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-2 100.74	03/11/99	7.93	--	92.81	<50	<250	<750 ^e	<0.500	<0.500	<0.500	<1.00	--	--	--	162	--	--	
	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	<0.8	<0.5	--	--	--	--		
12/03/07	6.69	--	94.05	<50	<76	<95	<0.5	<0.7	<0.8	<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	<0.8	<0.5	--	--	--	--		
06/11/08	8.25	--	92.49	<50	<76 ^b	<95 ^b	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--		
09/10/08	8.80	--	91.94	<50	<78	<97	<0.5	<0.7	<0.8	<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	<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	
03/30/12	8.18	--	189.85	<50	<28	<66	<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 ^e	<0.500	<0.500	<0.500	<1.00	--	--	--	6.35	--	--
	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.																
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	
03/30/12	5.31	--	189.88	<50	34	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	
MW-4 99.44	03/11/99	6.39	--	93.05	<50	<250	<750 ^e	<0.500	<0.500	<0.500	<1.00	--	--	--	29.0	--	--
	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	--	

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	<0.8	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	
	03/30/12	6.11	--	190.66	<50	<28	<66	<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	<0.8	<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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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-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
	03/30/12	4.43	--	190.57	<50	<29	<67	<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	
03/30/12	5.46	--	191.06	<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	--	--	--	--	--	--		
196.93																		

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
03/30/12	6.43	--	190.50	210	670	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50	
MW-8 102.7 197.48	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	--	--	--	--	--
	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	--	--	--	--	--	<50
08/17/11	8.35	--	189.13	<50	<30 ^e	<70 ^e	<0.5	<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	<0.5	--	--	--	--	--	<50
03/30/12	7.08	--	190.40	56	<29	<67	1	<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
	03/30/12	0.95	-24.8	6.69	684	12.80	3.8	329,000	<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
	03/30/12	1.55	-39.1	6.39	481	11.32	0.0	238,000	<460	340	16,300
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
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
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
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
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
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

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 # 120330-LB2 Date 3/30/12 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 POC	Notes
MW-1	0731	2					6.22	22.61		
MW-2	0742	2					8.18	20.56		
MW-3	0725	2					5.31	20.78		
MW-4	0745	2					6.11	20.12		
MW-5	0720	2					4.43	13.38		
MW-6	0715	2					5.46	13.72		
MW-7	0750	2					6.43	17.95		
MW-8	0737	2					7.08	17.41	↓	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 120330-LBZ	Client: CHEVRON
Sampler: LB	Gauging Date: 3/30/12
Well I.D.: MW-1	Well Diameter (in.): <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> _____
Total Well Depth (ft.): 22.61	Depth to Water (ft.): 6.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 538

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0933 Flow Rate: 200 mL / MIN Pump Depth: 141

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.)
0936	12.42	6.36	739	22	2.18	-14.0	600	6.25
0939	12.62	6.56	713	19	1.46	-15.7	1200	6.27
0942	12.70	6.63	688	15	1.15	-21.3	1800	6.28
0945	12.78	6.65	686	10	0.98	-22.8	2400	6.30
0948	12.79	6.67	663	9	0.97	-23.4	3000	6.32
0951	12.81	6.68	664	9	0.95	-24.8	3600	6.35
POST	12.80	6.69	684	—	0.95	-24.8	Fe ²⁺ = 3.9 mg/L	

Did well dewater? Yes No Amount actually evacuated: _____
 Sampling Time: 0952 Sampling Date: 3/30/12
 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 #: 120330-LBZ	Client: CHEVRON
Sampler: LB	Gauging Date: 3/30/12
Well I.D.: MW-2	Well Diameter (in.): ② 3 4 6 8 _____
Total Well Depth (ft.): 20.50	Depth to Water (ft.): 8.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>eye</u> Grade	Flow Cell Type: YSZ SSC

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1033 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 L)	Depth to Water (ft.)
1036	11.10	6.26	482	6	2.08	-29.8	600	8.21
1039	11.26	6.37	481	6	1.66	-31.8	1200	8.24
1042	11.29	6.37	481	6	1.59	-36.9	1800	8.25
1045	11.31	6.37	480	5	1.57	-37.1	2400	8.25
1048	11.32	6.38	480	6	1.56	-38.4	3000	8.25
Post	11.32	6.39	481	—	1.55	-39.1	Fe ²⁺ 00 mg/L	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3 L
Sampling Time: 1050	Sampling Date: 3/30/12
Sample I.D.: MW-2	Laboratory: LANCASTER
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE CCC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 120330-LBZ	Client: CHEVRON
Sampler: LB	Gauging Date: 3/30/12
Well I.D.: MW-3	Well Diameter (in.): <u>2</u> 3 4 6 8
Total Well Depth (ft.): 20.78	Depth to Water (ft.): 5.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	Flow Cell Type: <u>ISE 530</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0835 Flow Rate: 200 mL/MIN Pump Depth: 19'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to Water (ft.)
0836	11.14	6.41	799	8	1.60	-28.0	600	5.34
0841	11.37	6.66	800	6	1.38	-30.4	1200	5.37
0844	11.39	6.75	801	5	1.33	-31.8	1800	5.39
0847	11.41	6.77	802	4	1.31	-32.3	2400	5.40
0850	11.43	6.79	803	4	1.36	-33.8	3000	5.42
POST	11.42	6.76	802	—	1.28	-34.2	Fe ²⁺ = 1.4 mg/L	

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 3L
Sampling Time: 0851	Sampling Date: 3/30/12
Sample I.D.: MW-3	Laboratory: LANCASTER
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE COL
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>120330-LB2</u>	Client: <u>CHEIROV</u>
Sampler: <u>LB</u>	Gauging Date: <u>3/30/12</u>
Well I.D.: <u>MW-5</u>	Well Diameter (in.): <u>(2)</u> 3 4 6 8 _____
Total Well Depth (ft.): <u>13.38</u>	Depth to Water (ft.): <u>4.43</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSI 530</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0903 Flow Rate: 200 mL/min Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0906	10.31	6.52	1008	8	1.44	-24.4	600	4.48
0909	10.26	6.70	1006	5	0.89	-28.8	1200	4.51
0912	10.25	6.74	990	4	0.84	-31.6	1800	4.53
0915	10.25	6.74	986	4	0.75	-33.8	2400	4.56
0918	10.24	6.73	984	4	0.73	-35.1	3000	4.59
0921	10.24	6.74	983	5	0.71	-36.7	3600	4.61
Post	10.25	6.75	982	—	0.70	-38.1	Fe ²⁺ 0.8 mg/L	

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>0922</u>	Sampling Date: <u>3/30/12</u>
Sample I.D.: <u>MW-5</u>	Laboratory: <u>LANCASTER</u>
Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>SEE COC</u>	
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 120330452	Client: CHEVRON
Sampler: LB	Gauging Date: 3/30/12
Well I.D.: MW-6	Well Diameter (in.): \emptyset 3 4 6 8 _____
Total Well Depth (ft.): 13.72	Depth to Water (ft.): 5.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 536

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0800 Flow Rate: 200 mL/MIN Pump Depth: _____

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or μ S/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0803	9.97	6.57	26739	8	1.38	-285	600	5.52
0806	10.21	6.70	736	7	1.12	-35.2	1200	5.57
0809	10.31	6.75	733	5	1.01	-37.5	1800	5.59
0812	10.44	6.78	729	4	0.99	-39.5	2400	5.62
0815	10.45	6.80	729	4	0.97	-40.8	3000	5.64
0818	10.46	6.81	728	4	0.96	-41.5	3600	5.67
POST	10.43	6.80	730	4	0.96	-40.3	Fe ²⁺ = 0.6 mg/L	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3.6L
Sampling Time: 0820	Sampling Date: 3/30/12
Sample I.D.: MW-6	Laboratory: LANCASTER
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: SEE COL
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 120330-LB2	Client: CHEVRON
Sampler: 1B	Gauging Date: 3/30/12
Well I.D.: MW-8	Well Diameter (in.): \varnothing 3 4 6 8 ____
Total Well Depth (ft.): 17.41	Depth to Water (ft.): 7.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	Flow Cell Type: <u>YSE 530</u>

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1004 Flow Rate: 200 mL/MIN Pump Depth: _____

Time	Temp. (\varnothing or $^{\circ}$ F)	pH	Cond. (mS/cm or μ S/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1007	10.95	6.30	782	14	1.02	-17.8	600	7.12
1010	11.12	6.57	780	8	0.93	-18.1	1200	7.15
1013	11.30	6.72	779	7	0.91	-20.8	1800	7.17
1016	11.33	6.74	777	7	0.90	-21.4	2400	7.18
1019	11.34	6.75	775	6	0.88	-22.6	3000	7.20
Post	11.34	6.75	774	—	0.87	-23.4	Fe ²⁺ = 12 mg/L	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3 L
Sampling Time: 1020	Sampling Date: 3/30/12
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: <u>35-1448</u> Program Designation: <u>CMP</u> Site Address (street, city, state / county): <u>200 S 36th St</u> <u>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>120330-262</u> Sampling Company: <u>Blaine Tech Services</u> Sampled By (Print): <u>LEE BURES</u> Sampler Signature:	<p align="center">ANALYSES REQUIRED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="font-size: 8px;">TPH-DRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)</td> <td style="font-size: 8px;">TPH-ORO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)</td> <td style="font-size: 8px;">TPH-HRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)</td> <td style="font-size: 8px;">8260B FULL LISTO EDCO TBAO TAMEO EDBO ETHANOLX BTEXX MTBEO</td> <td style="font-size: 8px;">PAH'SO CPAH'SO 8270 SIM</td> <td style="font-size: 8px;">TPH-G (NWTTPH-Gx)</td> <td style="font-size: 8px;">TOTAL LEAD (6020)</td> <td style="font-size: 8px;">DISSOLVED LEAD (6020)</td> <td style="font-size: 8px;">TPH-D AND TPH-O BY (NWTTPH-DX)</td> <td style="font-size: 8px;">ALKALINITY, NITRATE, SULFATE</td> </tr> </table>	TPH-DRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	TPH-ORO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	TPH-HRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	8260B FULL LISTO EDCO TBAO TAMEO EDBO ETHANOLX BTEXX MTBEO	PAH'SO CPAH'SO 8270 SIM	TPH-G (NWTTPH-Gx)	TOTAL LEAD (6020)	DISSOLVED LEAD (6020)	TPH-D AND TPH-O BY (NWTTPH-DX)	ALKALINITY, NITRATE, SULFATE
TPH-DRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	TPH-ORO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	TPH-HRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	8260B FULL LISTO EDCO TBAO TAMEO EDBO ETHANOLX BTEXX MTBEO	PAH'SO CPAH'SO 8270 SIM	TPH-G (NWTTPH-Gx)	TOTAL LEAD (6020)	DISSOLVED LEAD (6020)	TPH-D AND TPH-O BY (NWTTPH-DX)	ALKALINITY, NITRATE, SULFATE			

Charge Code: <u>NWRTB 00SITE NUMBER-0- 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)856-2300	Other Lab _____ _____ _____ _____ _____	Temp. Blank Check Time Temp. _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
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SAMPLE ID				Sample Time	# of Containers	Container Type	ANALYSES REQUIRED										Notes/Comments
Field Point Name	Matrix	Top Depth	Date (yyymmdd)				TPH-DRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	TPH-ORO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	TPH-HRO w SILICA GEL CLEANUP (97-602M) (NWTTPH-DX w/ scc)	8260B FULL LISTO EDCO TBAO TAMEO EDBO ETHANOLX BTEXX MTBEO	PAH'SO CPAH'SO 8270 SIM	TPH-G (NWTTPH-Gx)	TOTAL LEAD (6020)	DISSOLVED LEAD (6020)	TPH-D AND TPH-O BY (NWTTPH-DX)	ALKALINITY, NITRATE, SULFATE	
MW-1	Gwl		120330	0952	10	VOA, AMBES, POLY	X	X		X	X			X			
MW-2				1050			X	X		X	X			X			
MW-3				0851			X	X		X	X			X			
MW-4				1131			X	X		X	X			X			
MW-5				0922			X	X		X	X			X			
MW-6				0620			X	X		X	X			X			
MW-7				1158			X	X		X	X			X			
MW-8				1020			X	X		X	X			X			
QA				0800	3	VOA	X	X		X	X			X			

Relinquished By: Company: _____ Date/Time: <u>3/30/12</u>	Relinquished To: <u>SHIPPED VIA FEDEX</u> Company: _____ Date/Time: _____	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"/> Sample Integrity: (Check by lab on arrival) Intact: _____ On Ice: _____ Temp: _____ COC # _____
Relinquished By: _____ Company: _____ Date/Time: _____	Relinquished To: _____ Company: _____ Date/Time: _____	Intact: _____ On Ice: _____ Temp: _____ COC # _____

Permit To Work

for Chevron EMC Sites

Client: CHEVRON Date 3/30/12
 Site Address: 200 S 36TH ST, BELLEVUE, WA
 Job Number: 120330-LB2 Technician(s): L. BURE

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
	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If so is it in the folder?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is it current?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do you understand the Traffic Control Plan and what equipment you will need?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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] [Signature] 8/12/11 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

April 10, 2012

Project: 351448

Submittal Date: 03/31/2012
Group Number: 1299289
PO Number: 0015093283
Release Number: INGLIS
State of Sample Origin: WA

<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
MW-1 Water Sample	6600849
MW-2 Water Sample	6600850
MW-3 Water Sample	6600851
MW-4 Water Sample	6600852
MW-5 Water Sample	6600853
MW-6 Water Sample	6600854
MW-7 Water Sample	6600855
MW-8 Water Sample	6600856
QA Water Sample	6600857

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



Lancaster
Laboratories

Analysis Report

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Jill M. Parker".

Jill M. Parker
Senior Specialist

(717) 556-7262

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

LLI Sample # WW 6600849
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 09:52 by LB

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles					
	SW-846 8260B		ug/l	ug/l	
10943	Benzene	71-43-2	40	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	2	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles					
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si					
	ECY 97-602 NWTTPH-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	N.D.	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	329,000	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	D120973AA	04/07/2012 02:40	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 02:40	Anita M Dale	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	12094B20A	04/04/2012 15:06	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12094B20A	04/04/2012 15:06	Marie D John	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	120930022A	04/03/2012 21:30	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 20:53	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	03/31/2012 20:53	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201A	04/06/2012 09:05	Hannah M Royer	1



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Analysis Report

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Page 2 of 2

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

LLI Sample # WW 6600849
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 09:52 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B01

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201A	04/06/2012 09:05	Hannah M Royer	1

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

LLI Sample # WW 6600850
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 10:50 by LB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			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			ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si 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			ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	340	250	5
00228	Sulfate	14808-79-8	16,300	1,500	5
SM20 2320 B			ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	238,000	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	D120973AA	04/07/2012 03:03	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 03:03	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12094B20A	04/04/2012 15:27	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12094B20A	04/04/2012 15:27	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	120930022A	04/03/2012 21:53	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 21:07	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	03/31/2012 21:07	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201A	04/06/2012 09:05	Hannah M Royer	1



Lancaster
Laboratories

Analysis Report

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Page 2 of 2

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

LLI Sample # WW 6600850
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 10:50 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201A	04/06/2012 09:05	Hannah M Royer	1

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

LLI Sample # WW 6600851
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 08:51 by LB

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles					
	SW-846 8260B		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles					
	ECY 97-602 NWTTPH-Gx		ug/l	ug/l	
08273	NWTTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si					
	ECY 97-602 NWTTPH-Dx modified		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	34	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	120	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	5,500	1,500	5
SM20 2320 B					
			ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	429,000	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	D120973AA	04/07/2012 03:26	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 03:26	Anita M Dale	1
08273	NWTTPH-Gx water C7-C12	ECY 97-602 NWTTPH-Gx	1	12094B20A	04/04/2012 15:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12094B20A	04/04/2012 15:50	Marie D John	1
02211	NWTTPH-Dx water w/Si Gel	ECY 97-602 NWTTPH-Dx modified	1	120930022A	04/04/2012 00:31	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTTPH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 21:21	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	03/31/2012 21:21	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600851
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 08:51 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B03

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1

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

LLI Sample # WW 6600852
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 11:31 by LB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles					
	SW-846 8260B		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles					
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC 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	11,200	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	189,000	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	D120973AA	04/07/2012 03:49	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 03:49	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12094B20A	04/04/2012 16:11	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12094B20A	04/04/2012 16:11	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	120930022A	04/03/2012 22:16	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 22:04	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	03/31/2012 22:04	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600852
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 11:31 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B04

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1

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

LLI Sample # WW 6600853
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 09:22 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles ECY 97-602 NWTPH-Gx ug/l ug/l					
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC 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	2,300	1,500	5
SM20 2320 B ug/l as CaCO3 ug/l as CaCO3					
00202	Alkalinity to pH 4.5	n.a.	418,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1

General Sample Comments

State of Washington Lab Certification No. C259

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	D120973AA	04/07/2012 04:11	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 04:11	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12094B20A	04/04/2012 16:33	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12094B20A	04/04/2012 16:33	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	120930022A	04/03/2012 22:39	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 22:18	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	03/31/2012 22:18	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600853
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 09:22 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B05

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600854
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 08:20 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles ECY 97-602 NWTPH-Gx ug/l ug/l					
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC 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	8,700	1,500	5
SM20 2320 B ug/l as CaCO3 ug/l as CaCO3					
00202	Alkalinity to pH 4.5	n.a.	306,000	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	D120973AA	04/07/2012 04:34	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 04:34	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12094B20A	04/04/2012 16:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12094B20A	04/04/2012 16:55	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	120930022A	04/03/2012 23:01	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 22:32	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	03/31/2012 22:32	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600854
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 08:20 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B06

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1

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

LLI Sample # WW 6600855
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 11:58 by LB

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			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			ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	210	50	1
GC Petroleum Hydrocarbons w/Si modified			ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	670	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
Wet Chemistry			ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	5,500	1,500	5
SM20 2320 B			ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	318,000	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	D120973AA	04/07/2012 04:57	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 04:57	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12094B20A	04/04/2012 17:17	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12094B20A	04/04/2012 17:17	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	120930022A	04/03/2012 23:24	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 23:15	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	04/02/2012 13:55	William L Hamaker Jr	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600855
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 11:58 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B07

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600856
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 10:20 by LB

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	1	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles ECY 97-602 NWT PH-Gx ug/l ug/l					
08273	NWT PH-Gx water C7-C12	n.a.	56	50	1
GC Petroleum Hydrocarbons w/Si ECY 97-602 NWT PH-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	5,700	1,500	5
SM20 2320 B ug/l as CaCO3 ug/l as CaCO3					
00202	Alkalinity to pH 4.5	n.a.	422,000	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	D120973AA	04/07/2012 05:20	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/07/2012 05:20	Anita M Dale	1
08273	NWT PH-Gx water C7-C12	ECY 97-602 NWT PH-Gx	1	12095B20A	04/04/2012 22:48	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	12095B20A	04/04/2012 22:48	Laura M Krieger	1
02211	NWT PH-Dx water w/Si Gel	ECY 97-602 NWT PH-Dx modified	1	120930022A	04/03/2012 23:46	Tracy A Cole	1
02135	Extraction - DRO Water Special	ECY 97-602 NWT PH-Dx 06/97	1	120930022A	04/03/2012 07:30	Joseph S Feister	1
00368	Nitrate Nitrogen	EPA 300.0	1	12091655901B	03/31/2012 23:29	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12091655901B	04/02/2012 14:09	William L Hamaker Jr	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1



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

LLI Sample # WW 6600856
LLI Group # 1299289
Account # 11255

Project Name: 351448

Collected: 03/30/2012 10:20 by LB

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/31/2012 09:35

Reported: 04/10/2012 19:21

36B08

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12097020201B	04/06/2012 09:05	Hannah M Royer	1

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

LLI Sample # WW 6600857
 LLI Group # 1299289
 Account # 11255

Project Name: 351448

Collected: 03/30/2012 08:00

Chevron

Submitted: 03/31/2012 09:35

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Reported: 04/10/2012 19:21

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	0.6	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	D120973AA	04/06/2012 21:45	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D120973AA	04/06/2012 21:45	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12095B20A	04/04/2012 21:20	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	12095B20A	04/04/2012 21:20	Laura M Krieger	1

Quality Control Summary

 Client Name: Chevron
 Reported: 04/10/12 at 07:21 PM

Group Number: 1299289

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: D120973AA	Sample number(s): 6600849-6600857							
Benzene	N.D.	0.5	ug/l	91		77-121		
Ethanol	N.D.	50.	ug/l	95		54-149		
Ethylbenzene	N.D.	0.5	ug/l	88		79-120		
Toluene	N.D.	0.5	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	ug/l	91		77-120		
Batch number: 12094B20A	Sample number(s): 6600849-6600855							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: 12095B20A	Sample number(s): 6600856-6600857							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	91	91	75-135	0	30
Batch number: 120930022A	Sample number(s): 6600849-6600856							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	81	88	50-120	7	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 12091655901B	Sample number(s): 6600849-6600856							
Nitrate Nitrogen	N.D.	50.	ug/l	105		90-110		
Sulfate	N.D.	300.	ug/l	105		90-110		
Batch number: 12097020201A	Sample number(s): 6600849-6600850							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	99		98-103		
Batch number: 12097020201B	Sample number(s): 6600851-6600856							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	99		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: D120973AA	Sample number(s): 6600849-6600857 UNSPK: P600719								
Benzene	98	101	72-134	3	30				
Ethanol	102	121	53-146	17	30				
Ethylbenzene	98	102	71-134	3	30				
Toluene	98	102	80-125	4	30				
Xylene (Total)	98	101	79-125	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
Reported: 04/10/12 at 07:21 PM

Group Number: 1299289

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
Batch number: 12091655901B	Sample number(s): 6600849-6600856 UNSPK: 6600851 BKG: 6600851							
Nitrate Nitrogen	101		90-110		N.D.	N.D.	0 (1)	20
Sulfate	105		90-110		5,500	5,400	1 (1)	20
Batch number: 12097020201A	Sample number(s): 6600849-6600850 UNSPK: P600629 BKG: P600629							
Alkalinity to pH 4.5	97		73-121		149,000	148,000	1	5
Alkalinity to pH 8.3					N.D.	N.D.	0 (1)	5
Batch number: 12097020201B	Sample number(s): 6600851-6600856 UNSPK: P600629 BKG: 6600852							
Alkalinity to pH 4.5	97		73-121		189,000	191,000	1	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: D120973AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6600849	103	96	96	96
6600850	104	98	96	96
6600851	102	93	96	97
6600852	102	92	97	97
6600853	102	95	97	95
6600854	105	100	97	95
6600855	103	96	95	99
6600856	103	95	97	95
6600857	100	94	98	95
Blank	102	97	95	96
LCS	100	97	97	100
MS	101	97	95	100
MSD	100	96	95	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 12094B20A
Trifluorotoluene-F

6600849	92
6600850	91
6600851	87
6600852	91
6600853	102
6600854	91
6600855	91
Blank	90

*- 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 SummaryClient Name: Chevron
Reported: 04/10/12 at 07:21 PM

Group Number: 1299289

Surrogate Quality ControlLCS 111
LCSD 112

Limits: 63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 12095B20A
Trifluorotoluene-F6600856 96
6600857 91
Blank 92
LCS 110
LCSD 110

Limits: 63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 120930022A
Orthoterphenyl6600849 101
6600850 91
6600851 96
6600852 102
6600853 98
6600854 97
6600855 113
6600856 101
Blank 95
LCS 104
LCSD 114

Limits: 50-150

*- Outside of specification

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

acct#11255 Cup#1299389

sample#6600849-57

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. 120330-282
 Sampling Company: Blaine Tech Services
 Sampled By (Print): LEE BURES
 Sampler Signature: [Signature]

ANALYSES REQUIRED

Preservation Codes
 H = HCL T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

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. _____

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 LISTED EDCC TBAO TAMEO EDBO 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
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Special instructions
 Quick SIGel Cleanup requested

SAMPLE ID				Sample Time	# of Containers	Container Type
Field Point Name	Matrix	Top Depth	Date (yymmdd)			
MW-1	GWI		120330	0952	10	VOA, AmSES, PLY
MW-2				1056		
MW-3				0851		
MW-4				1131		
MW-5				0922		
MW-6				0620		
MW-7				1158		
MW-8				1020	✓	✓
QA	✓			0800	3	VOA

Notes/Comments

Relinquished By: [Signature] Company: _____ Date/Time: 3/30/12
 Relinquished To: SHIPPED VIA FEDEX Company: _____ Date/Time: _____
 Relinquished By: _____ Company: _____ Date/Time: _____
 Relinquished To: [Signature] Company: UT Date/Time: 3/31/12 0935

Turnaround Time:
 Standard 24 Hours 48 hours 72 Hours
 Other
 Sample Integrity: (Check by lab on arrival)
 Intact: On Ice: Temp: 62.1°C
 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)
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 <u>limit of quantitation</u> , 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 \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

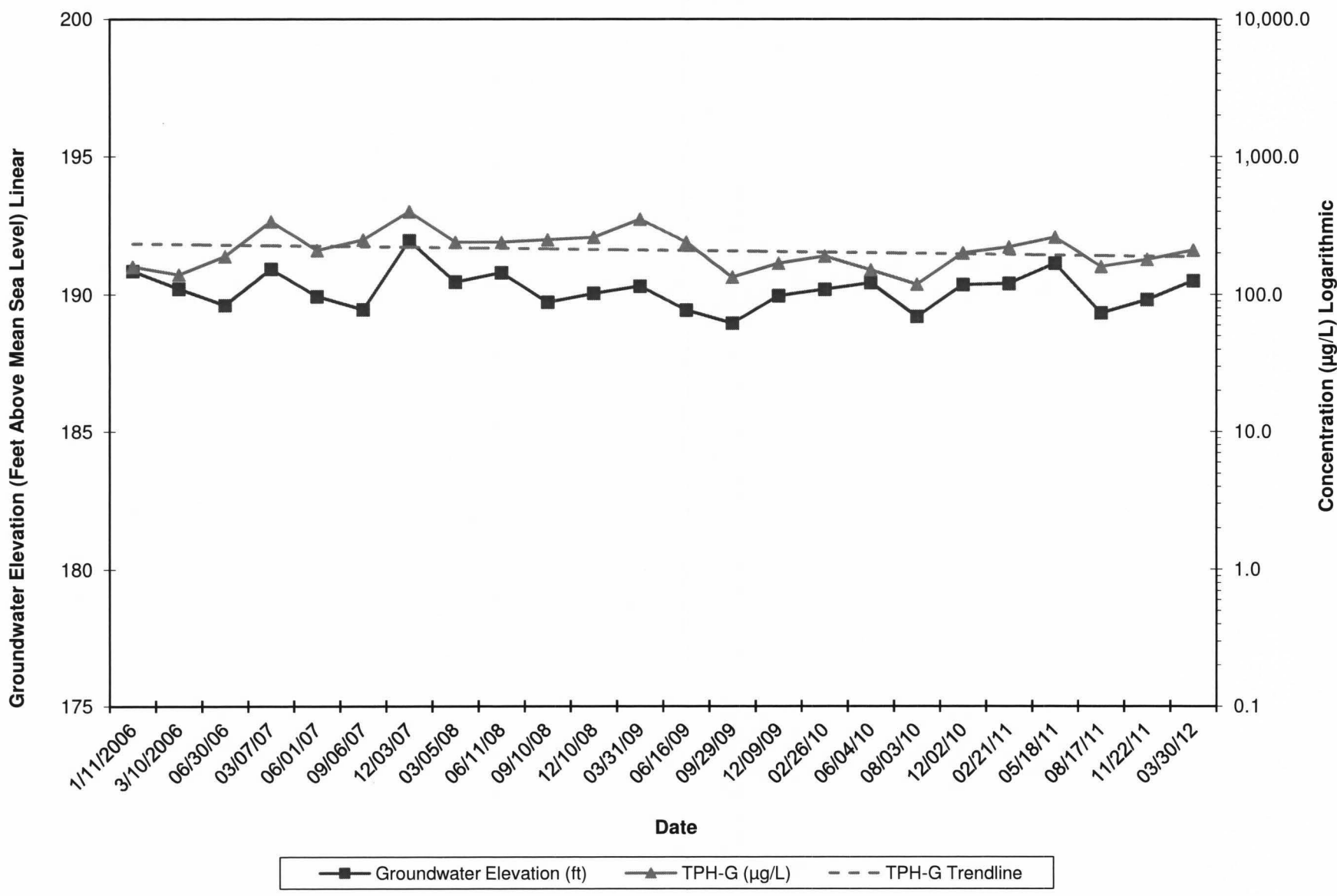
Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have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

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.

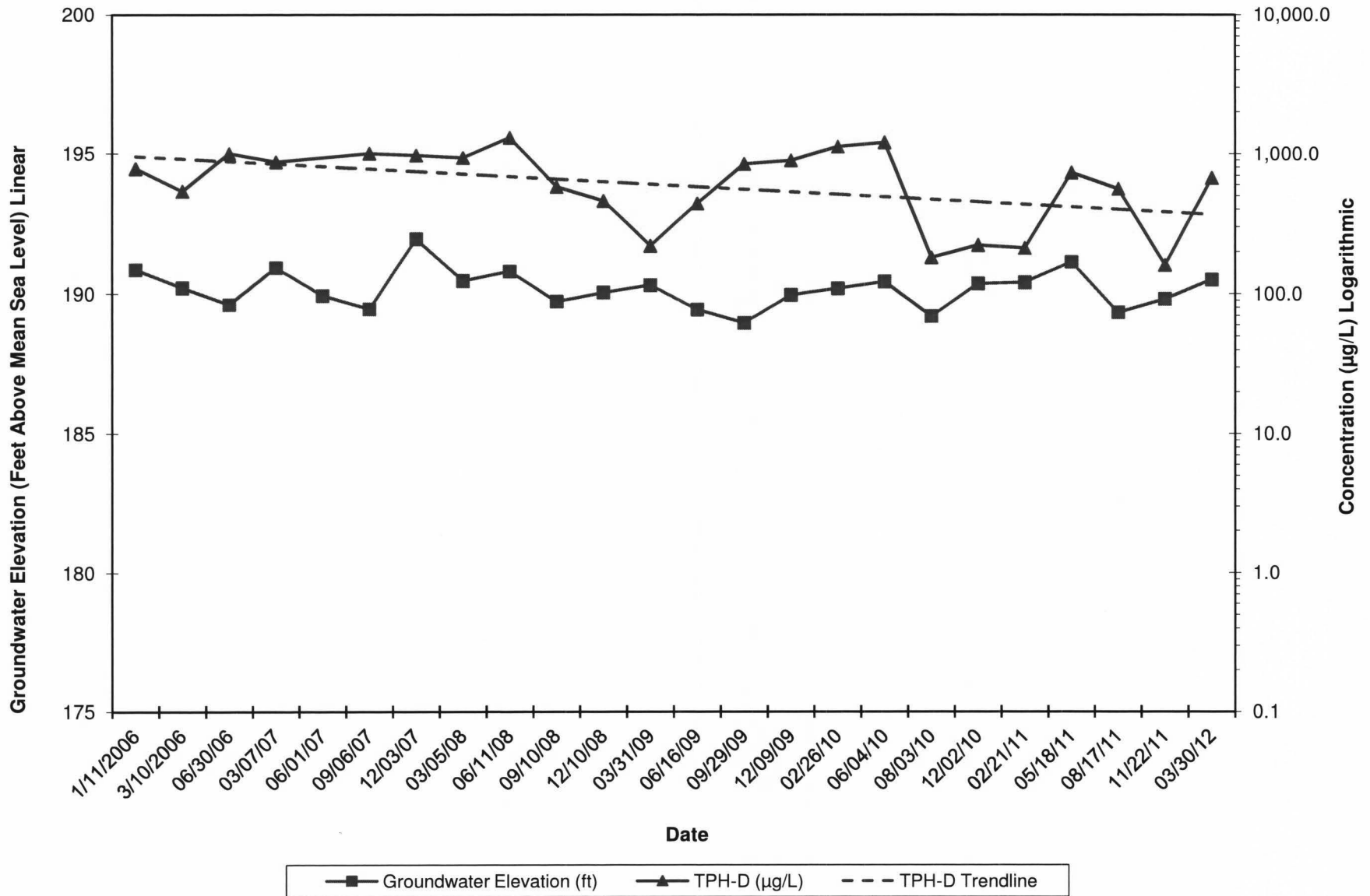
WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Attachment C:
Hydrographs

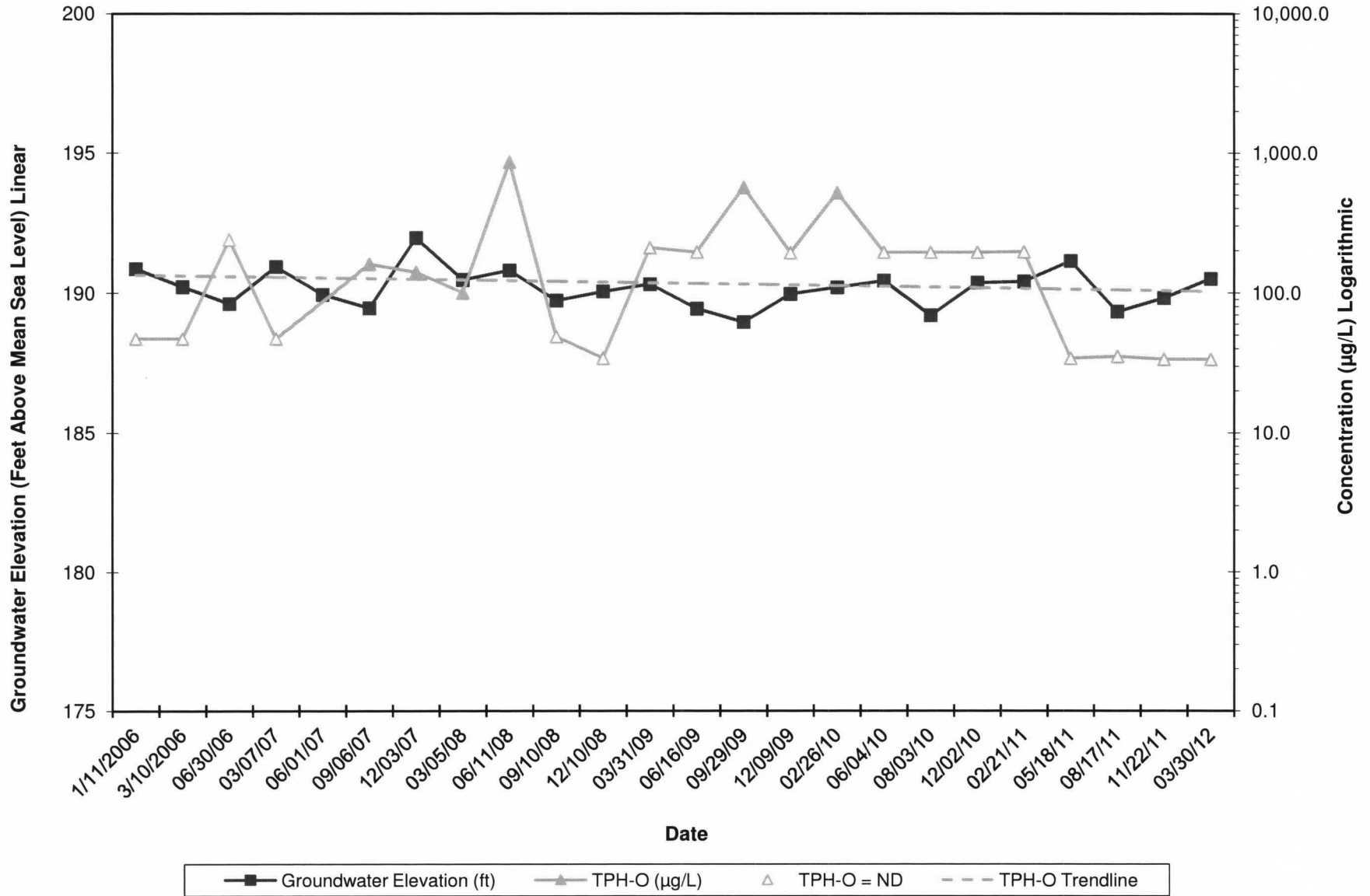
Well MW-7
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



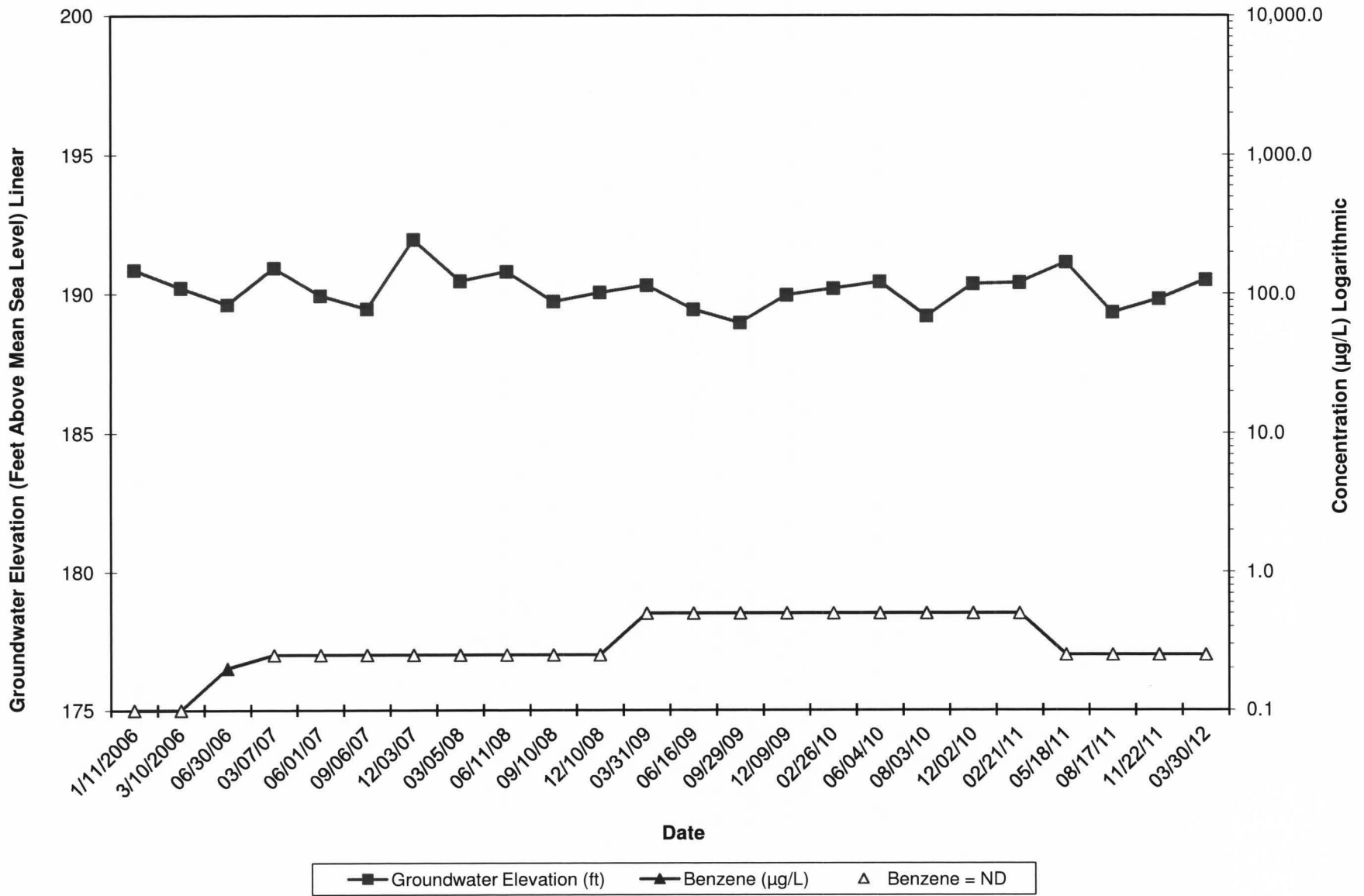
Well MW-7
Hydrograph - Diesel-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



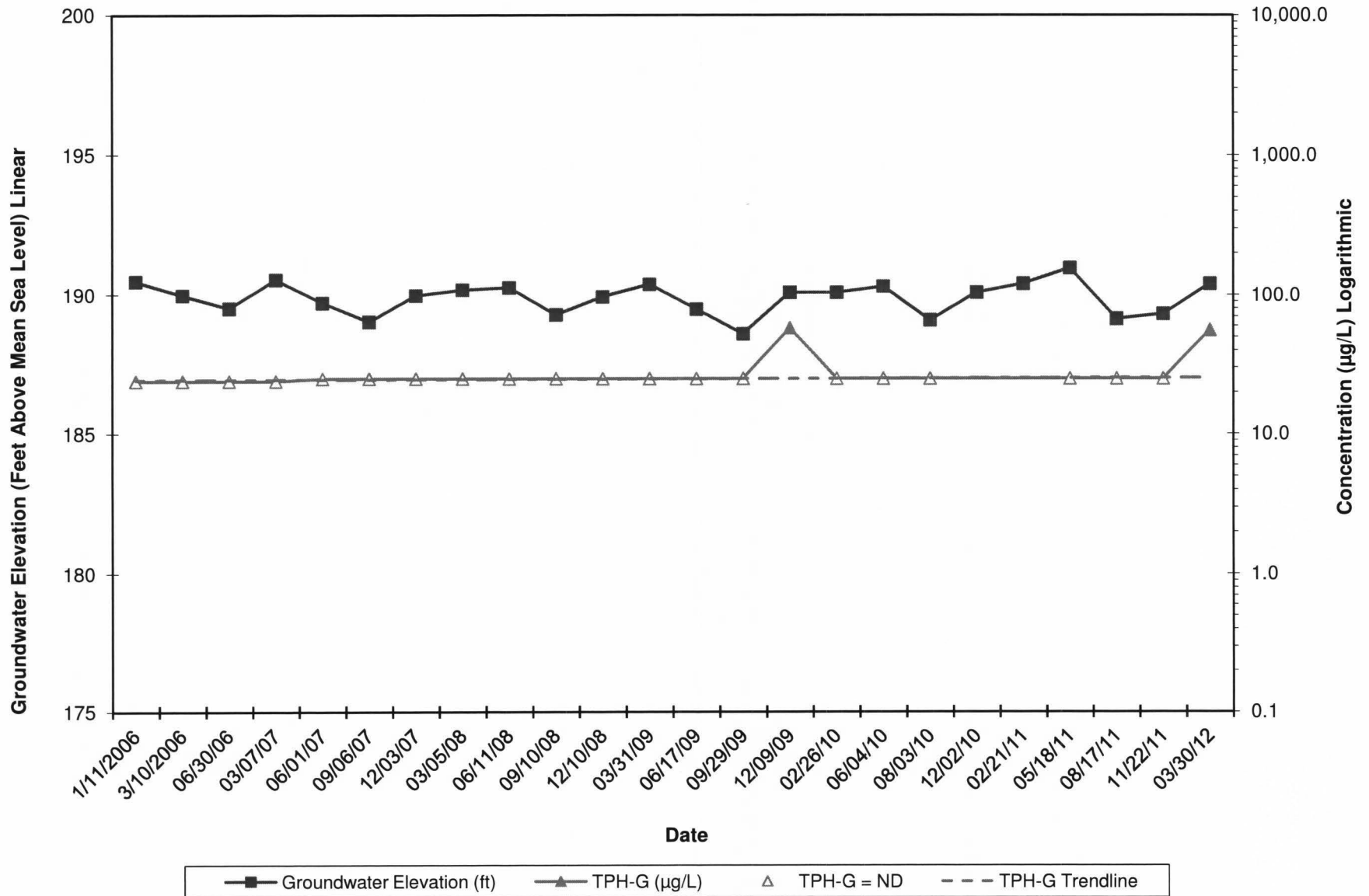
Well MW-7
Hydrograph - Heavy Oil-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



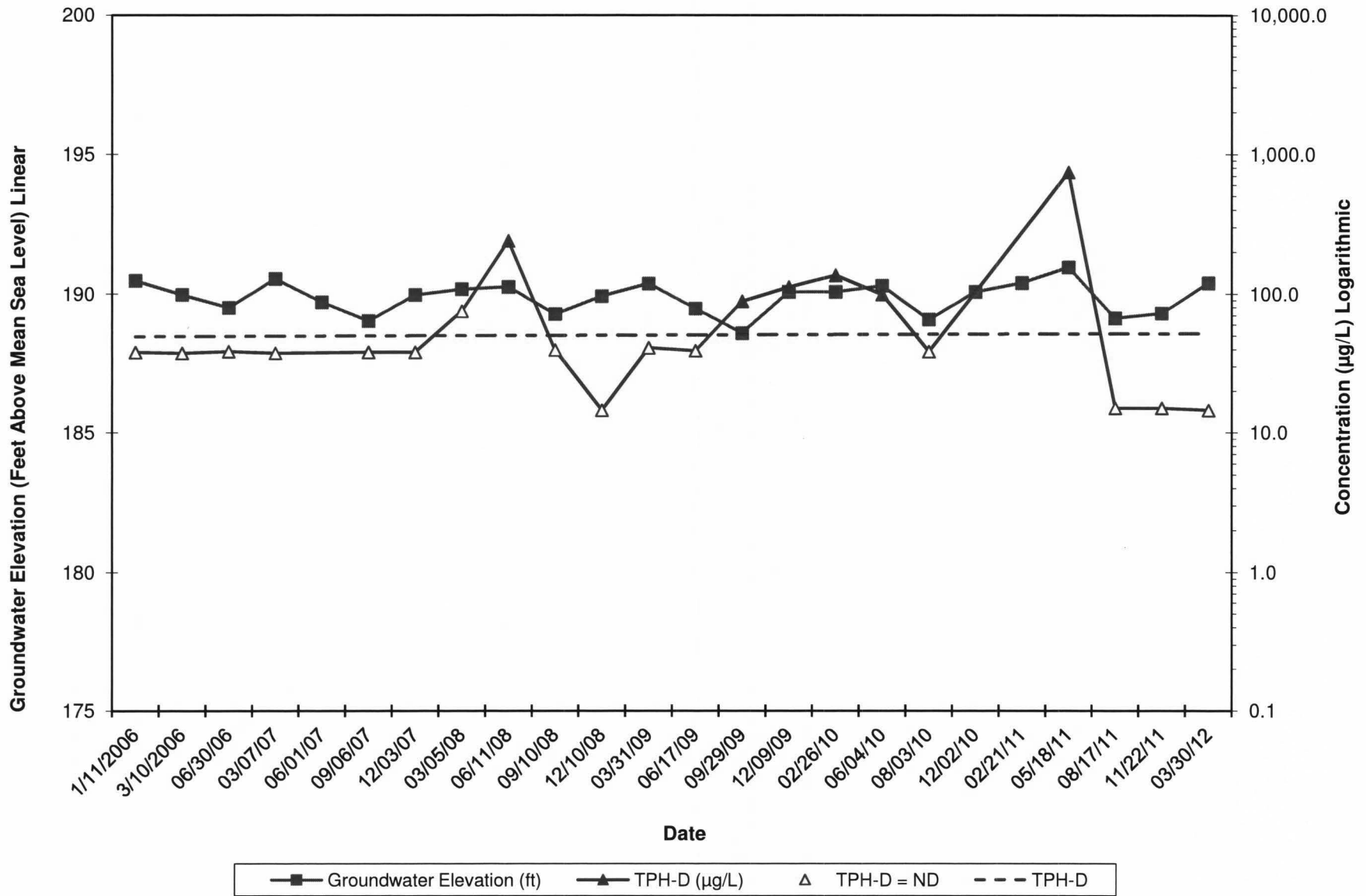
Well MW-7
Hydrograph - Benzene Concentrations
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



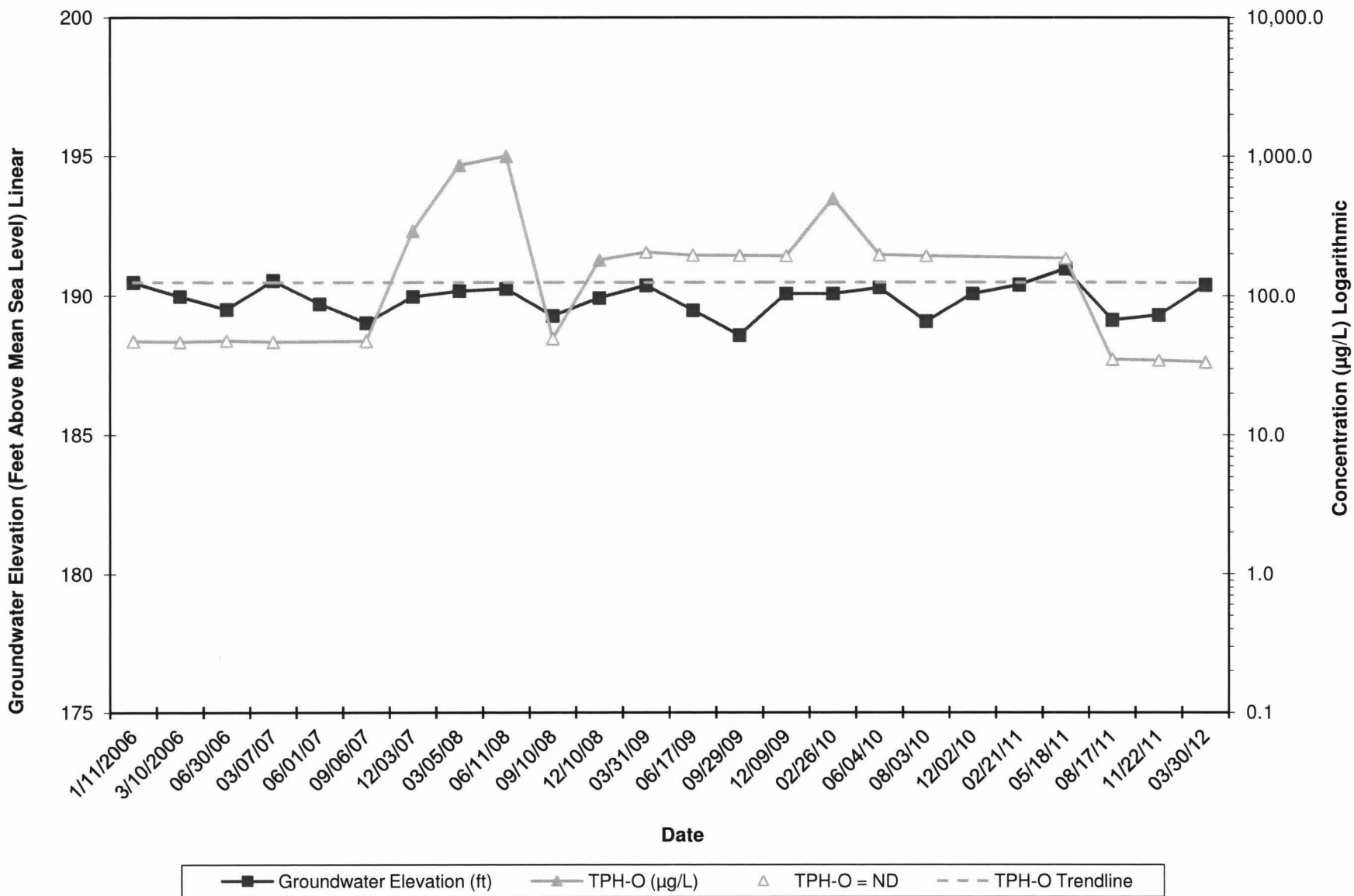
Well MW-8
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351448
200 South 36th Street, Bellingham, Washington



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



Well MW-8
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

