Unocal 4165
Snohomish
Release # 1995
NW # 2531

SAIC

December 2, 2011

Mr. John Bails
Washington State Department of Ecology
Toxic Cleanup Program
3190 160th Avenue SE
Bellevue, Washington 98008

Subject: **Third Quarter 2011 Groundwater Monitoring and Sampling Report**
76 Products Facility No. 351439
202 Avenue D
Snohomish, Washington
Washington State Department of Ecology Facility No. 5132561

Dear Mr. Bails:

On behalf of Chevron Environmental Management Company (CEMC), for itself and as Attorney-in-Fact for Union Oil Company of California, 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 September 16, 2011. The Blaine Tech groundwater monitoring and sampling package is provided as Attachment A.

FIELD ACTIVITIES

On September 16, 2011, the depth to groundwater was measured in wells MW-1A, MW-2, MW-6, and MW-11 through MW-15. Based on historical data, wells MW-1, MW-9, MW-10, and MW-15 are not part of the monitoring program. The groundwater elevation ranged from 55.64 (MW-11) to 61.96 (MW-2) feet based on National Geodetic Vertical Datum of 1929. Groundwater flow is to the south-southeast at a gradient of approximately 0.02 to 0.1 foot per foot (ft/ft). A potentiometric map is provided on Figure 1.

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

Groundwater samples were submitted for the following analyses:

- Total petroleum hydrocarbons (TPH) as Gasoline-range organics (TPH-G) by Northwest Method NWTPH-Gx;

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

- Benzene, toluene, ethylbenzene, and total xylenes, methyl tert-butyl ether, and ethanol by United States Environmental Protection Agency Method 8260B.

Laboratory analytical results are included as Attachment B and groundwater analytical results are provided in Table 1 and shown on Figure 2. In addition, hydrographs for wells MW-6, MW-11, and MW-12 are included s Attachment C.

RESULTS

The results of the third quarter 2011 sampling event indicate that petroleum-hydrocarbon constituent concentrations are generally consistent with respect to historical data. In addition, the groundwater elevation, flow direction, and gradient are consistent with historical measurements. Below is a summary of analytical results.

- Laboratory results indicate that the TPH-G concentration in monitoring well MW-6 and benzene concentration in monitoring well MW-11 exceeded their respective Model Toxics Control Act (MTCA) Method A cleanup levels.
- Remaining analytes were below their respective MTCA Method A cleanup levels. In addition, no hydrocarbons were detected at or above laboratory detection limits in well MW-2.

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

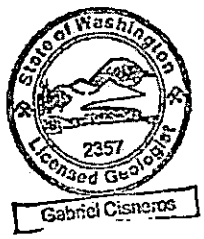
If you have any questions or comments, please contact me at (208) 429-3772 or via email at ronald.santos@saic.com.

Sincerely,

SAIC Energy, Environment & Infrastructure, LLC

Ron Santos, PE
Senior Project Engineer

Gabriel Cisneros LG #2357
Geologist



Enclosures:

Figure 1 – Potentiometric Map

Figure 2 – Site Plan with Groundwater Analytical Results

Table 1 – Groundwater Monitoring Data and Analytical Results

Attachment A – Groundwater Monitoring and Sampling Data Package

Attachment B – Laboratory Analysis Report

Attachment C – Hydrographs

cc: Mr. J. Mark Inglis – Union Oil of California
Shoreline Investments Inc. – Property Owner
Project File

REPORT LIMITATIONS

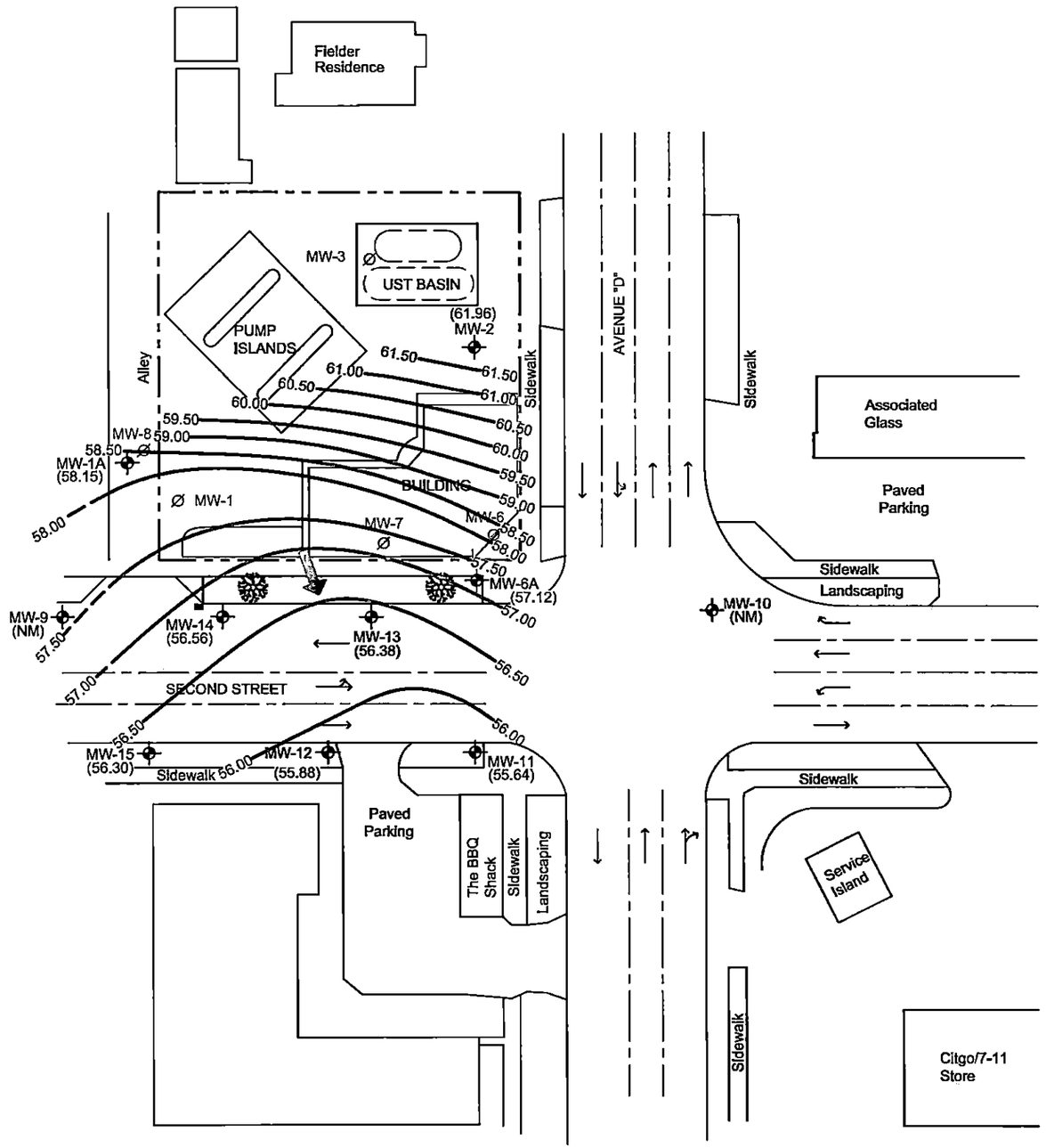
This technical document was prepared on behalf of Chevron and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by SAIC. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges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

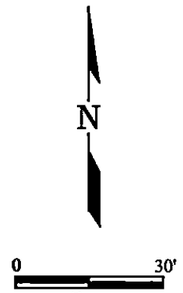
Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from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

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

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

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





LEGEND

- Site Boundary
- MW-1A — Monitoring Well Location
- UST — Underground Storage Tank
- MW-1 Ø — Destroyed Monitoring Well Location
- (56.38) — Groundwater Elevation in Feet
- 56.50 — Groundwater Elevation Contour at a 0.5 Foot Interval (Dashed Where Inferred)
- Approximate Groundwater Flow Direction at a Gradient of 0.02 to 0.1 Feet per Foot

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NOTE: Features were adapted from a Stantec Corporation figure, *Site Plan with Analytical Results (June 1, 2010)*, dated June 2010.

76 Products Facility No. 351439
202 Avenue D
Snohomish, Washington

FIGURE 1
Potentiometric Map
September 16, 2011

DATE: 11/01/2011 | DRAWING: 351439 Site Plan.dwg

MW-2	12/6/10	3/31/11	5/26/11	9/16/11
TPH-G	<50.0	<50.0	<50.0	<50.0
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5
MTBE	<1.0	–	–	<0.5

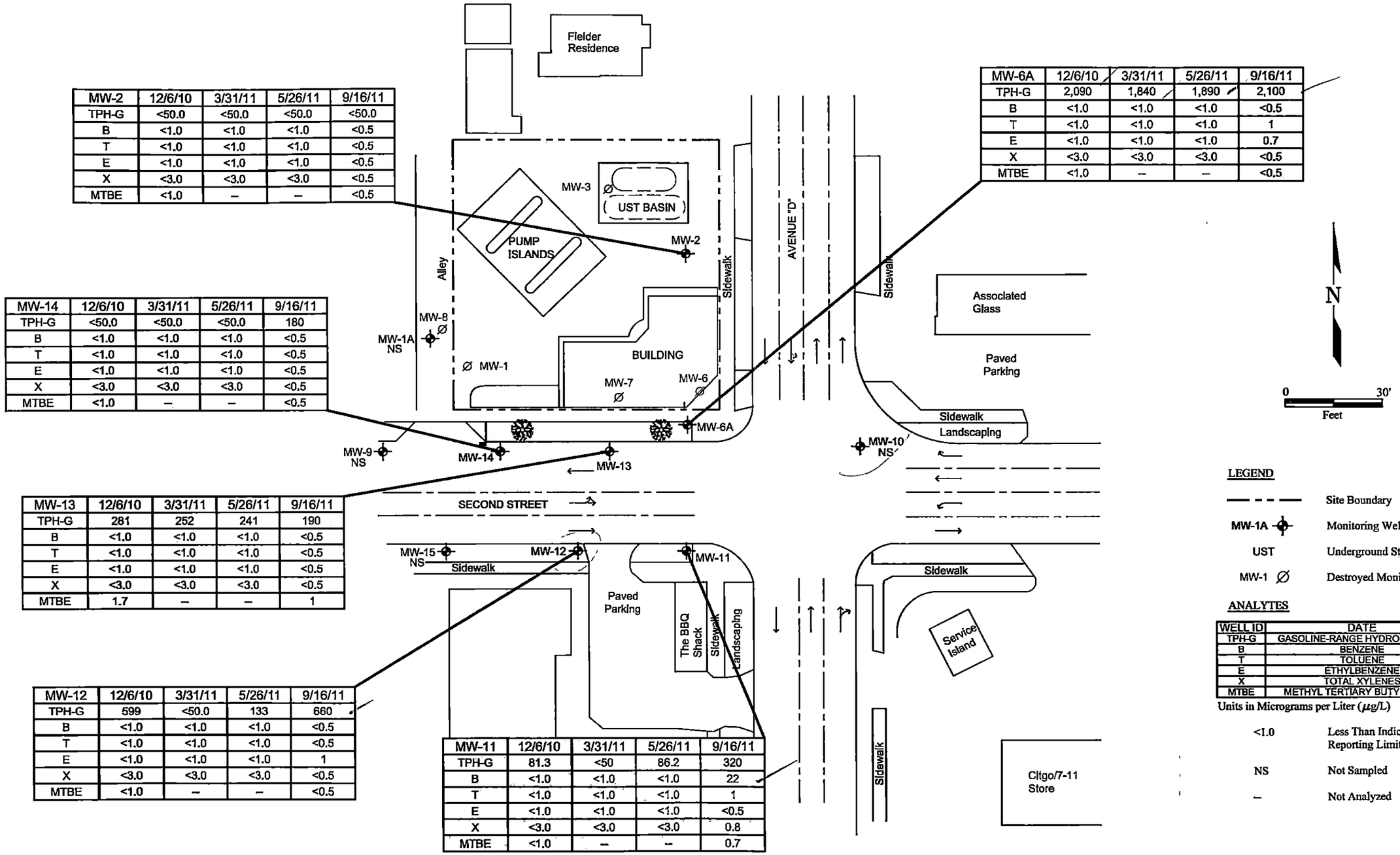
MW-6A	12/6/10	3/31/11	5/26/11	9/16/11
TPH-G	2,090	1,840	1,890	2,100
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	1
E	<1.0	<1.0	<1.0	0.7
X	<3.0	<3.0	<3.0	<0.5
MTBE	<1.0	–	–	<0.5

MW-14	12/6/10	3/31/11	5/26/11	9/16/11
TPH-G	<50.0	<50.0	<50.0	180
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5
MTBE	<1.0	–	–	<0.5

MW-13	12/6/10	3/31/11	5/26/11	9/16/11
TPH-G	281	252	241	190
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	<0.5
MTBE	1.7	–	–	1

MW-12	12/6/10	3/31/11	5/26/11	9/16/11
TPH-G	599	<50.0	133	660
B	<1.0	<1.0	<1.0	<0.5
T	<1.0	<1.0	<1.0	<0.5
E	<1.0	<1.0	<1.0	1
X	<3.0	<3.0	<3.0	<0.5
MTBE	<1.0	–	–	<0.5

MW-11	12/6/10	3/31/11	5/26/11	9/16/11
TPH-G	81.3	<50	86.2	320
B	<1.0	<1.0	<1.0	22
T	<1.0	<1.0	<1.0	1
E	<1.0	<1.0	<1.0	<0.5
X	<3.0	<3.0	<3.0	0.8
MTBE	<1.0	–	–	0.7



LEGEND

— — —	Site Boundary
MW-1A ⊕	Monitoring Well Location
UST	Underground Storage Tank
MW-1 ∅	Destroyed Monitoring Well Location

ANALYTES

WELL ID	DATE
TPH-G	GASOLINE-RANGE HYDROCARBONS
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
MTBE	METHYL TERTIARY BUTYL ETHER

Units in Micrograms per Liter ($\mu g/L$)

<1.0	Less Than Indicated Laboratory Reporting Limits
NS	Not Sampled
–	Not Analyzed

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NOTE: Features were adapted from a Stantec Corporation figure, *Site Plan with Analytical Results (June 1, 2010)*, dated June 2010.

76 Products Facility No. 351439
202 Avenue D
Snohomish, Washington

FIGURE 2
Site Plan with Groundwater Analytical Results (September 16, 2011)

DATE: 11/01/2011 | DRAWING: 351439 Site Plan.dwg

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-1A	04/04/02	7.21	--	62.11	73.6	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	3,200	61,600	886	--	47,800
69.32	07/02/02	9.30	--	60.02	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	0	42,400	<200	--	54,500
	10/02/02	11.67	--	57.65	<100	<250	<500	<0.500	<2.00	<1.00	<1.50	--	--	--	--	--	--	0	103,000	<200	--	50,300
	01/14/03	7.75	--	61.57	90.5	<250	<500	0.550	<0.500	<0.500	<1.00	--	--	--	--	--	--	--			--	
	04/28/03	7.85	--	61.47	59.2	<250	<500	1.54	<0.500	<0.500	<1.00	--	--	--	--	--	--	500	64,800	300	--	30,400
	07/11/03	10.31	--	59.01	<50.0	<281	<562[b]	<0.500	0.702	0.517	1.74	--	--	--	--	--	--	--			--	
	12/17/03	7.44	0.00	61.88	<100	<129	<259	0.339	<0.5	<0.5	<1	--	--	--	--	--	--	--	64,000	406	--	40,900
	03/31/04	8.28	0.00	61.04	<100	<119	<237	<1	<1	<1	<2	--	--	--	--	--	--	--	62,000	1,010	--	30,400
	08/19/04	10.89	0.00	58.43	<100	<264	<527[b]	<1	<1	<1	<2	--	--	--	--	--	--	--	66,000	800	--	35,700
	03/21/05	9.22	0.00	60.10	266	<248	<496	<1	<1	<1	<2	--	--	--	--	--	--	--	61,900	1,410	--	32,600
	06/28/05	8.86	0.00	60.46	<100	<259	<517[b]	<1	<1	<1	<2	--	--	--	--	--	--	--	--	1,200	--	26,300
	09/15/05	10.67	0.00	58.65	<48	<160	<200	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	76,200	160	--	24,000
	12/08/05	--	--	--	<48	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	76,700	1,200	--	41,900
	03/10/06	--	--	--	<48	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	62,600	9,400	--	42,600
	06/08/06	8.92	0.00	60.40	<48	<82	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	11.05	0.00	58.27	<48	<78	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	75,800	540	--	40,900
	12/19/06	6.75	0.00	62.57	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	67,400	10,500	--	65,100
	03/20/07	7.39	0.00	61.93	<48	<79	145	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	63,200	3,970	--	24,600
	06/28/07	9.79	0.00	59.53	<50	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	61,600	1,200	--	18,700
	09/25/07	11.04	0.00	58.28	<50	<79	120	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	69,000	480	--	22,300
	12/10/07	7.44	0.00	61.88	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	64,100	10,300	<15	244,000
	03/10/08	8.70	0.00	60.62	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--	--	63,700	3,300	<15	--
	06/16/08	8.44	0.00	60.88	<50	<76	<95	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	10.80	0.00	58.52	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	Removed from sampling schedule 4Q08																				
	03/26/09	7.89	0.00	61.43	<50.0	<82	<410	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	06/10/06	9.47	0.00	59.85	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.10	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	10.91	0.00	58.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	7.75	0.00	61.57	Gauge only this quarter																	
	03/17/10	8.46	0.00	60.86	Gauge only this quarter																	
	06/01/10	7.46	0.00	61.86	<50.0	<78	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	9.58	0.00	59.74	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	12/06/10	8.66	0.00	60.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/31/11	6.44	0.00	62.88	Gauge only this quarter																	
	05/26/11	7.91	0.00	61.41	Gauge only this quarter																	
	09/16/11	11.17	0.00	58.15	Gauge only this quarter																	

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202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-2	01/08/99	4.90	--	64.90	**1,510**	314	<750[b]	**20.7**	<2.75	<2.50	<5.00	--	--	--	--	--	--	--	--	--	--	--
69.80	04/28/99	4.91	--	64.89	**1,180**	324	<750[b]	**16.1**	<1.60	<1.32	<3.30	--	--	--	--	--	--	--	--	--	--	--
	07/23/99	6.29	--	63.51	**805**	368	<750[b]	**12.3**	<1.50	<0.500	<4.00	--	--	--	--	--	--	--	--	--	--	--
	10/25/99	8.64	--	61.16	**2,100**	250	<750[b]	<0.700	<19.6	<0.700	<1.90	--	--	--	--	--	--	--	--	--	--	--
	01/08/00	4.72	--	65.08	**1,530**	<250	<750[b]	**22.2**	<2.27	<2.43	<6.44	--	--	--	--	--	--	--	--	--	--	--
	04/19/00	5.48	--	64.32	**1,210**	257	<718[b]	<0.500	28.5	<2.55	<4.22	--	--	--	--	--	--	--	--	--	--	--
	07/12/00	7.55	--	62.25	**888**	653	<750[b]	<1.25	4.75	<1.25	<2.50	--	--	--	--	--	--	--	--	--	--	--
	09/06/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	8.88	--	60.92	**1,110**	<358	<1,070[b]	**42.3**	<4.13	<2.08	<5.00	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/01	6.02	--	63.78	**2,000**	614	<918[b]	<2.50	29.1	<2.50	<5.00	--	--	--	--	--	--	--	--	--	--	--
	04/04/01	Unable to locate																				
	05/22/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/09/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/09/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/08/02	Obstructed by construction																				
	04/04/02	3.47	--	66.33	159	<250	<500	**16.3**	1.25	<0.500	2.57	--	--	--	--	--	--	--	--	--	--	--
	07/02/02	5.49	--	64.31	387	273	<500	**23.4**	<0.500	<0.500	<1.00	--	--	--	--	--	--	3,400	148,000	<200	--	29,600
	10/02/02	7.88	--	61.92	505	<250	<500	**22.5**	<2.00	<1.00	<1.50	--	--	--	--	--	--	3,400	150,000	<200	--	41,600
	01/14/03	3.27	--	66.53	681	<250	<500	**8.10**	<0.500	0.515	2.49	--	--	--	--	--	--	--	--	--	--	--
	04/28/03	4.05	--	65.75	269	<250	<500	3.51	<0.500	<0.500	1.45	--	--	--	--	--	--	2,600	276,000	<200	--	26,800
	07/11/03	6.92	--	62.88	358	<291	<581[b]	**5.64**	0.557	0.792	3.04	--	--	--	--	--	--	--	--		--	--
	12/17/03	3.65	0.00	66.15	124	<129	<259	<0.25	<0.5	<0.5	<1.00	--	--	--	--	--	--	--	310,000	<15	--	23,000
	03/31/04	4.60	0.00	65.20	<100	123	<237	**9.05**	<1	<1	1.12	--	--	--	--	--	--	--	251,000	<15	--	23,000
	08/19/04	7.45	0.00	62.35	<100	<244	<488	<1	<1	<1	<2	--	--	--	--	--	--	--	208,000	200	--	8,710
	03/21/05	5.52	0.00	64.28	<100	<251	<502[b]	**5.07**	<1	<1	<2	--	--	--	--	--	--	--	205,000	<15	--	26,900
	06/28/05	5.26	0.00	64.54	<100	344	**568**	<1	<1	<1	<2	--	--	--	--	--	--	--	--	<15	--	20,800
	09/15/05	7.32	0.00	62.48	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	209,000	<40	--	19,100
	12/08/05	4.06	0.00	65.74	85	97	160	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	274,000	<40	--	19,400
	03/10/06	3.50	0.00	66.30	160	<79	100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	205,000	<40	--	262
	06/08/06	5.06	0.00	64.74	<48	<79	290	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	7.93	0.00	61.87	<48	<79	150	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	225,000	<40	--	12,900
	12/19/06	Obstructed by a parked vehicle																				
	03/20/07	3.33	0.00	66.47	68.5	<80	<100	1.64	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	163,000	<40	--	26,700
	06/28/07	6.41	0.00	63.39	<50	<79	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	193,000	<40	--	25,900
	09/25/07	7.79	0.00	62.01	<50	<79	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	200,000	<40	--	12,300
	12/10/07	3.75	0.00	66.05	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	200,000	<2,000	<15	43,700
	03/10/08	4.76	0.00	65.04	Not sampled because well was inaccesible due to a parked car																	
	06/16/08	4.45	0.00	65.35	<50	<76	<95	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	7.56	0.00	62.24	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	Removed from sampling schedule 4Q08																				

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-2	03/26/09	3.61	0.00	66.19	<50.0	<82	<410	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
(cont)	06/10/09	6.33	0.00	63.47	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.01	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	7.84	0.00	61.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	4.02	0.00	65.78	Gauge only this quarter																	
	03/17/10	4.42	0.00	65.38	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	06/01/10	3.75	0.00	66.05	<50.0	<78	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	Obstructed by a parked vehicle																				
	12/06/10	4.41	0.00	65.39	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	03/31/11	3.10	0.00	66.70	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	05/26/11	4.07	0.00	65.73	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	09/16/11	7.84	0.00	61.96	<50.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50	--	--	--	--	--
MW-6A	04/04/02	8.25	--	59.40	**2,570**	**665**	<500	2.99	3.16	2.25	7.27	--	--	--	--	--	--	--	--	--	--	--
67.65	07/02/02	8.98	--	58.67	**3,000**	**613**	<500	4.70	4.51	3.42	9.81	--	--	--	--	--	--	--	--	--	--	--
	10/02/02	10.48	--	57.17	**2,970**	384	<500	**32.4**	6.38	8.44	9.75	--	--	--	--	--	--	--	--	--	--	--
	01/14/03	9.88	--	57.77	**1,680**	<250	<500	**6.69**	2.24	1.60	13.4	--	--	--	--	--	--	--	--	--	--	--
	04/28/03	9.20	--	58.45	**1,720**	288	<562[b]	1.65	2.20	2.99	12.6	--	--	--	--	--	--	2,800	203,000	<200	--	12,100
	07/11/03	8.48	--	59.17	**1,470**	<281	<562[b]	2.13	2.45	3.23	6.92	--	--	--	--	--	--	--	--	--	--	--
	12/17/03	9.45	0.00	58.20	**2,380**	457	<265	0.875	1.75	0.941	<1	--	--	--	--	--	--	--	87,000	442	--	39,600
	03/31/04	8.97	0.00	58.68	**1,810**	682	<247	<5	<5	<5	<10	--	--	--	--	--	--	--	230,000	<15	--	5,560
	08/19/04	9.22	0.00	58.43	**988**	347	<476	<1	<1	<1	<2	--	--	--	--	--	--	--	205,000	200	--	9,480
	03/21/05	9.45	0.00	58.20	**1,610**	349	<501[b]	<0.5	4.58	4.95	4.71	--	--	--	--	--	--	--	201,000	<15	--	11,300
	06/28/05	9.02	0.00	58.63	**1,710**	**533**	<490	<1	1.3	<1	<2	--	--	--	--	--	--	--	--	<15	--	3,620
	09/15/05	10.67	0.00	56.98	570	220	120	<0.5	0.9	0.9	<0.8	--	--	--	--	--	--	--	178,000	<40	--	14,000
	12/08/05	9.61	0.00	58.04	**920**	**2,805**	170	<0.5	0.9	<0.8	<0.8	--	--	--	--	--	--	--	225,000	<40	--	7,400
	03/10/06	9.65	0.00	58.00	**1,200**	180	<100	<0.5	0.8	<0.8	<0.8	--	--	--	--	--	--	--	210,000	<40	--	9,700
	06/08/06	9.92	0.00	57.73	**1,300**	210	260	<0.5	0.9	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	10.46	0.00	57.19	500	140	130	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	163,000	<40	--	18,100
	12/19/06	8.21	Sheen	59.44	**2,200**	**910**	350	0.6	2.0	<0.8	<0.8	--	--	--	--	--	--	--	230,000	<40	--	6,400
	03/20/07	7.79	0.00	59.86	**1,380**	332	<100	<0.5	0.855	<0.8	<0.8	--	--	--	--	--	--	--	216,000	<100	--	16,900
	06/28/07	8.79	0.00	58.86	620	210	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	185,000	<40	--	18,000
	09/25/07	10.21	0.00	57.44	**960**	350	120	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	156,000	<40	--	16,800
	12/10/07	8.46	0.00	59.19	**1,700**	280	<94	<0.5	1	<0.8	<0.8	--	--	--	--	--	--	--	220,000	<2,000	<15	8,200
	03/10/08	9.65	0.00	58.00	**1,000**	130	<95	<0.5	0.9	<0.8	<0.8	<0.5	--	--	--	--	--	--	218,000	<2,000	<15	--
	06/16/08	8.44	0.00	59.21	**840**	140	<95	<0.5	1	0.7	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	9.87	0.00	57.78	**1,600**	96	<95	<0.5	1	0.9	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	9.50	0.00	58.15	**1,800**	130	<69	<0.5	1	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	03/26/09	7.90	0.00	59.75	124	110	<420	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	06/10/09	8.32	0.00	59.33	**1,050**	350	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.01	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	10.32	0.00	57.33	**1,740**	--	--	<1.0	1.4	2.5	5.8	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	8.03	0.00	59.62	**1,990**	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	03/17/10	8.28	0.00	59.37	**2,030**	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-6A (cont)	06/01/10	8.40	0.00	59.25	1,620	348	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	8.88	0.00	58.77	1,990	164	<388	<1.0	1.3	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	12/06/10	9.01	0.00	58.64	2,090	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	03/31/11	8.21	0.00	59.44	1,840	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	05/26/11	8.29	0.00	59.36	1,890	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	09/16/11	10.53	0.00	57.12	2,100	--	--	<0.5	1	0.7	<0.5	<0.5	--	--	--	--	<50	--	--	--	--	--
MW-9 67.77	01/08/99	6.50	--	62.16	<50.0	<250	<750[b]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	04/28/99	7.28	--	61.38	<50.0	<250	<750[b]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	07/23/99	7.97	--	60.69	<50.0	<250	<750[b]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	10/25/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/08/00	6.76	--	61.90	<50.0	<250	<750[b]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	04/19/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/12/00	8.65	--	60.01	<50.0	<249	<745[b]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	09/06/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/01	8.08	--	60.58	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	04/04/01	7.78	--	60.88	<50.0	<250	<750[b]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	05/22/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/09/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/09/01	9.70	--	58.96	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	0.0	33,000	3,050	--	13,500
	01/08/02	6.16	--	62.50	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	0.0	32,600	1,780	--	13,100
	04/04/02	6.54	--	62.12	<50.0	<250	<500	<0.500	0.593	<0.500	<1.00	--	--	--	--	--	--	0.0	29,800	2,490	--	12,600
	07/02/02	8.49	--	60.17	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	0.0	28,600	2,020	--	11,200
	10/02/02	10.13	--	58.53	144	<250	<500	3.15	<2.00	7.22	2.25	--	--	--	--	--	--	0.0	32,400	2,490	--	10,400
	01/14/03	7.28	--	61.38	<50.0	<284	<568[b]	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--	--	--	--
	04/28/03	6.93	--	61.73	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	0.0	33,400	1,280	--	17,300
	07/11/03	8.91	--	59.75	<50.0	<329	<658[b]	<0.500	<0.500	<0.500	1.20	--	--	--	--	--	--	--	--	--	--	--
	12/23/03	6.81	0.00	61.85	<100	<126	<253	<0.25	<0.5	<0.5	<1	--	--	--	--	--	--	--	32,000	2,710	--	14,400
	03/31/04	7.34	0.00	61.32	<100	<118	<237	<1	<1	<1	<2	--	--	--	--	--	--	--	30,000	1,880	--	14,900
	08/19/04	9.53	0.00	59.13	<100	<256	<512[b]	<1	<1	<1	<2	--	--	--	--	--	--	--	29,000	2,500	--	13,200
	03/21/05	8.11	0.00	59.66	<100	<247	<494	<1	<1	<1	<2	--	--	--	--	--	--	--	32,500	1,920	--	14,300
	06/28/05	7.82	0.00	59.95	<100	<258	<516[b]	<1	<1	<1	<2	--	--	--	--	--	--	--	--	1,790	--	15,100
	09/15/05	9.54	0.00	58.23	<48	<77	260	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	29,800	2,300	--	13,400
	12/08/05	7.42	0.00	60.35	<48	170	470	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	31,400	2,400	--	13,600
	03/10/06	6.53	0.00	61.24	<48	<78	100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	34,400	3,900	--	14,600
	06/08/06	7.80	0.00	59.97	<48	<80	180	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	9.78	0.00	57.99	<48	<78	330	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	32,800	3,100	--	15,300
	12/19/06	5.98	0.00	61.79	<48	<77	300	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	37,100	4,500	--	15,900
	03/20/07	6.73	0.00	61.04	<48	<79	170	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	35,600	3,290	--	16,200
	06/28/07	8.65	0.00	59.12	<50	<79	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	32,900	3,000	--	16,000

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Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-9	09/25/07	9.65	0.00	58.12	<50	110	760	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	31,700	2,600	--	16,900
(cont)	12/10/07	6.52	0.00	61.25	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	30,800	<2,000	<15	17,700
	03/10/08	7.55	0.00	60.22	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--	--	38,200	<2,000	<15	--
	06/16/08	7.40	0.00	60.37	<50	<76	<95	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	9.60	0.00	58.17	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	Removed from sampling schedule 4Q08																				
	03/26/09	7.43	0.00	60.34	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	06/10/09	8.12	0.00	59.65	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	Removed from sampling schedule 3Q09																				
	12/07/09	Removed from sampling schedule 4Q09																				
	03/17/10	Removed from sampling schedule 1Q10																				
	06/01/10	Removed from sampling schedule 2Q10																				
	09/02/10	Removed from sampling schedule 3Q10																				
	12/06/10	Removed from sampling schedule 4Q10																				
	03/31/11	Removed from sampling schedule 1Q11																				
	05/26/11	Removed from sampling schedule 2Q11																				
	09/16/11	Removed from sampling schedule 3Q11																				
MW-10	01/08/99	4.91	--	62.42	331	266	<750[b]	2.30	<0.500	<1.50	<2.50	--	--	--	--	--	--	--	--	--	--	--
67.33	04/28/99	5.04	--	62.29	280	<250	<750[b]	2.99	<0.800	<1.10	<3.00	--	--	--	--	--	--	--	--	--	--	--
	07/23/99	5.44	--	61.89	529	<250	<750[b]	2.34	<2.60	2.81	9.37	--	--	--	--	--	--	--	--	--	--	--
	10/25/99	7.00	--	60.33	519	251	<750[b]	<0.800	<5.65	<2.75	<8.65	--	--	--	--	--	--	--	--	--	--	--
	01/08/00	4.64	--	62.69	504	<250	<750[b]	<1.22	<0.828	<3.27	<7.59	--	--	--	--	--	--	--	--	--	--	--
	04/19/00	5.02	--	62.31	332	<250	<750[b]	<0.610	<4.43	<2.84	<6.91	--	--	--	--	--	--	--	--	--	--	--
	07/12/00	8.27	--	59.06	498	<250	<750[b]	<0.500	4.02	<3.52	<7.18	--	--	--	--	--	--	--	--	--	--	--
	09/06/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	7.41	--	59.92	770	**616**	<1,330[b]	<4.17	<3.47	<2.69	<8.05	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/01	4.39	--	62.94	209	299	<859[b]	<0.500	2.33	0.980	2.65	--	--	--	--	--	--	--	--	--	--	--
	04/04/01	5.00	--	62.33	198	<250	<750[b]	<0.500	<0.500	1.03	2.71	--	--	--	--	--	--	--	--	--	--	--
	05/22/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/09/01	6.03	--	61.30	311	334	<853[b]	<0.500	1.97	0.949	1.07	--	--	--	--	--	--	--	--	--	--	--
	10/09/01	7.15	--	60.18	675	291	<581[b]	2.16	0.678	0.777	4.67	--	--	--	--	--	--	4,600	132,000	<100	--	19,400
	01/08/02	4.61	--	62.72	258	**675**	<500	0.837	0.722	1.48	2.71	--	--	--	--	--	--	4,200	168,000	<100	--	13,500
	04/04/02	4.48	--	62.85	208	392	<500	<0.500	<0.500	<0.500	1.33	--	--	--	--	--	--	2,000	170,000	<200	--	13,200
	07/02/02	6.00	--	61.33	201	250	<500	0.552	<0.500	<0.500	1.16	--	--	--	--	--	--	2,200	133,000	<200	--	20,300
	10/02/02	7.96	--	59.37	811	326	<500	3.90	<2.00	4.12	4.63	--	--	--	--	--	--	2,200	129,000	<200	--	21,300
	01/14/03	4.25	--	63.08	280	<309	<617[b]	0.549	0.844	<0.500	1.76	--	--	--	--	--	--	--	--	--	--	--
	04/28/03	4.71	--	62.62	270	<250	<500	0.842	<0.500	<0.500	2.29	--	--	--	--	--	--	2,400	162,000	<200	--	15,700
	07/11/03	6.40	--	60.93	548	<284	<568[b]	0.929	<0.500	3.19	4.18	--	--	--	--	--	--	--	--	--	--	--
	12/17/03	Inaccessible; buried under gravel from recent road construction																				
	03/31/04	4.28	0.00	63.05	390	308	<237	<1	<1	<1	<2	--	--	--	--	--	--	--	141,000	<15	--	17,600

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-10 (cont)	08/19/04	6.84	0.00	60.49	244	<251	<501[b]	<1	<1	<1	<2	--	--	--	--	--	--	--	127,000	200	--	22,700
	03/21/05	4.71	0.00	62.62	396	<247	<494	<1	<1	1.93	<2	--	--	--	--	--	--	--	154,000	<15	--	15,100
	06/28/05	4.77	0.00	62.56	624	746	<504[b]	<1	<1	<1	<2	--	--	--	--	--	--	--	--	<15	--	18,600
	09/15/05	7.03	0.00	60.30	290	110	120	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	110,000	<40	--	19,800
	12/08/05	4.23	0.00	63.10	540	<82	<100	<0.5	<0.7	6.0	2.0	--	--	--	--	--	--	--	137,000	<40	--	21,500
	03/10/06	3.41	0.00	63.92	3,100	290	220	<0.5	<0.7	9.0	8.0	--	--	--	--	--	--	--	119,000	<100	--	17,400
	06/08/06	4.83	0.00	62.50	290	<79	120	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	7.51	0.00	59.82	290	100	130	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	111,000	<40	--	20,400
	12/19/06	2.57	0.00	64.76	2,600	390	470	0.6	<0.7	11.0	8.0	--	--	--	--	--	--	--	161,000	<40	--	25,100
	03/20/07	3.04	0.00	64.29	4,144	665	162	0.527	<0.7	25.0	18.1	--	--	--	--	--	--	--	117,000	1,740	--	6,940
	06/28/07	5.18	0.00	62.15	1,700	430	<97	<0.5	<0.7	5	3	--	--	--	--	--	--	--	137,000	<40	--	12,000
	09/25/07	7.43	0.04	59.93	Not sampled due to presence of LPH																	
	12/10/07	4.22	0.00	63.11	4,800	2,800	<970[b]	<0.5	<0.7	11	8	--	--	--	--	--	--	--	136,000	<2,000	<15	21,100
	03/10/08	Not sampled due to dangerous traffic location																				
	06/16/08	Not sampled due to dangerous traffic location																				
	09/22/08	6.35	0.00	60.98	1,200	82	<95	<0.5	<0.7	3	3	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	Removed from sampling schedule 4Q08																				
	03/26/09	Not sampled due to dangerous traffic location																				
	06/10/09	Groundwater monitoring well removed from sampling schedule in the future due to dangerous traffic location																				
MW-11 66.37	01/08/99	9.32	--	57.05	371	--	--	141	4.95	10.8	6.66	--	--	--	--	--	--	--	--	--	--	--
	04/28/99	9.58	--	56.79	782	<250	<750[b]	175	<11.0	26.1	29.9	--	--	--	--	--	--	--	--	--	--	--
	07/23/99	9.83	--	56.54	474	<250	<750[b]	43.7	<2.70	3.40	8.32	--	--	--	--	--	--	--	--	--	--	--
	10/25/99	10.69	--	55.68	845	<250	<750[b]	9.22	<2.90	<3.75	<6.20	--	--	--	--	--	--	--	--	--	--	--
	01/08/00	9.21	--	57.16	133	<250	<750[b]	22.5	<1.03	1.11	3.34	--	--	--	--	--	--	--	--	--	--	--
	04/19/00	9.52	--	56.85	869	<250	<750[b]	92.8	8.15	9.25	20.2	--	--	--	--	--	--	--	--	--	--	--
	07/12/00	10.10	--	56.27	581	387	<896[b]	25.6	2.32	<2.31	<7.94	--	--	--	--	--	--	--	--	--	--	--
	09/06/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	10.80	--	55.57	322	<250	<750[b]	<2.80	<0.640	<0.860	<4.20	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/01	10.75	--	55.62	725	311	<866[b]	16.7	2.41	4.46	7.09	--	--	--	--	--	--	--	--	--	--	--
	04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/22/01	9.69	--	56.68	385	--	--	15.8	2.37	2.47	4.37	--	--	--	--	--	--	--	--	--	--	--
	07/09/01	9.98	--	56.39	439	<310	<931[b]	39.6	2.63	1.72	3.71	--	--	--	--	--	--	--	--	--	--	--
	10/09/01	10.67	--	55.70	410	333	<500	6.04	1.08	1.74	4.40	--	--	--	--	--	--	--	3,200	158,000	<100	--	9,410
	01/08/02	9.05	--	57.32	1,280	572	<500	184	10.6	35.7	21.9	--	--	--	--	--	--	--	3,200	186,000	<100	--	6,550
	04/04/02	5.67	--	60.70	757	366	<500	30.6	2.20	2.81	5.72	--	--	--	--	--	--	--	5,400	203,000	<200	--	2,190
	07/02/02	5.90	--	60.47	1,060	384	<500	107	8.73	24.2	15.5	--	--	--	--	--	--	--	4,000	203,000	<200	--	2,930
	10/02/02	10.94	--	55.43	785	<250	<500	13.9	<2.00	4.96	3.59	--	--	--	--	--	--	--	4,000	169,000	<200	--	4,040
	01/14/03	9.18	--	57.19	570	<305	<610[b]	19.3	1.12	1.96	3.82	--	--	--	--	--	--	--	--	--	--	--	--
	04/28/03	9.25	--	57.12	1,100	<287	<575[b]	135	10.7	34.1	20.1	--	--	--	--	--	--	--	4,000	208,000	<200	--	3,320
	07/11/03	10.19	--	56.18	684	<250	<500	29.7	3.20	10.0	9.17	--	--	--	--	--	--	--	--	--	--	--	--

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GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-11	12/17/03	8.35	0.00	58.02	673	215	<265	**15.1**	0.569	<0.5	<1	--	--	--	--	--	--	--	170,000	<150	--	73,200
(cont)	03/31/04	8.70	0.00	57.67	409	<127	<253	**93.9**	5.02	10.4	5.39	--	--	--	--	--	--	--	218,000	<15	--	30,100
65.52	08/19/04	9.73	0.00	55.79	289	<240	<480	2.69	<1	<1	<2	--	--	--	--	--	--	--	167,000	200	--	10,600
	03/21/05	9.10	0.00	56.42	564	<244	<488	**36.8**	4.18	9.48	7.34	--	--	--	--	--	--	--	189,000	<15	--	34,800
	06/28/05	8.84	0.00	56.68	653	**13,300**	**5,650**	**74.8**	4.9	11.20	6.41	--	--	--	--	--	--	--	--	<15	--	26,100
	09/15/05	9.73	0.00	55.79	280	**89**	170	**12.0**	0.7	<0.8	1.0	--	--	--	--	--	--	--	150,000	<40	--	11,300
	12/08/05	8.60	0.00	56.92	480	130	230	0.6	<0.7	<0.8	0.9	--	--	--	--	--	--	--	157,000	<40	--	114,000
	03/10/06	8.18	0.00	57.34	**1,600**	420	<98	**86**	6.0	33	8.0	--	--	--	--	--	--	--	164,000	<40	--	31,500
	06/08/06	8.81	0.00	56.71	**940**	230	170	**48**	3.0	8.0	4.0	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	10.01	0.00	55.51	330	180	210	**7.0**	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	157,000	<40	--	13,200
	12/19/06	8.10	0.00	57.42	340	140	190	**18.0**	0.8	4.0	<0.8	--	--	--	--	--	--	--	166,000	<40	--	33,800
	03/20/07	8.20	0.00	57.32	158	372	291	**16.2**	0.774	3.38	<0.8	--	--	--	--	--	--	--	159,000	<1,000	--	38,500
	06/28/07	9.05	0.00	56.47	290	390	<97	**6**	<0.7	2	<0.8	--	--	--	--	--	--	--	156,000	<40	--	13,200
	09/25/07	9.89	0.00	55.63	110	360	300	1	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	145,000	<40	--	11,000
	12/10/07	8.37	0.00	57.15	84	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	124,000	<2,000	<15	78,200
	03/10/08	8.73	0.00	56.79	150	<76	<95	5	<0.7	1	<0.8	<0.5	--	--	--	--	--	--	144,000	<2,000	<15	--
	06/16/08	8.63	0.00	56.89	98	<76	<95	4	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	9.73	0.00	55.79	360	<75	<94	**6**	<0.7	1	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	8.65	0.00	56.87	<50	<29	<69	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	03/26/09	8.37	0.00	57.15	<50.0	<82	<410	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	06/10/09	9.04	0.00	56.48	321	94	<390	**5.9**	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	9.90	0.00	55.62	224	--	--	1.1	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	8.44	0.00	57.08	119	--	--	**8.5**	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	03/17/10	8.66	0.00	56.86	330	--	--	**13.7**	1.3	2.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	06/01/10	8.16	0.00	57.36	<50	<79	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	9.12	0.00	56.40	<50	<77.7	<388	**7.2**	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	12/06/10	8.71	0.00	56.81	81.3	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	03/31/11	7.81	0.00	57.71	<50	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	05/26/11	8.49	0.00	57.03	86.2	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	09/16/11	9.88	0.00	55.64	320	--	--	**22**	1	<0.5	0.8	0.7	--	--	--	--	<50	--	--	--	--	--
MW-12	01/08/99	8.74	--	57.66	**2,670**	--	--	**21.1**	<5.00	40.1	48.1	--	--	--	--	--	--	--	--	--	--	--
66.40	04/28/99	9.22	0.03	57.20	Not sampled due to presence of LPH																	
	07/23/99	9.51	0.01	56.90	Not sampled due to presence of LPH																	
	10/25/99	10.81	0.29	55.82	Not sampled due to presence of LPH																	
	01/08/00	8.71	--	57.69	**5,480**	**8,380**	<8,250[b]	<15.6	<10.2	53.2	47.8	--	--	--	--	--	--	--	--	--	--	--
	04/19/00	8.97	--	57.43	**5,980**	**3,060**	<3,750[b]	<2.60	<21.5	66.6	<63.5	--	--	--	--	--	--	--	--	--	--	--
	07/12/00	--	0.20	--	Not sampled due to presence of LPH																	
	09/06/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/00	--	0.25	--	Not sampled due to presence of LPH																	
	11/27/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/01	9.44	--	56.96	**5,360**	**20,100**	<8,250[b]	<5.00	12.9	72.0	63.8	--	--	--	--	--	--	--	--	--	--	--

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76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-12	04/06/01	9.16	--	57.24	**15,900**	**6,950**	**2,280**	**17.6**	9.04	219	131	--	--	--	--	--	--	--	--	--	--	--
(cont)	05/22/01	9.39	--	57.01	**15,800**	--	--	<10.0	10.3	307	142	--	--	--	--	--	--	--	--	--	--	--
	07/09/01	--	0.30	--	Not sampled due to presence of LPH																	
	10/09/01	10.65	0.20	55.91	Not sampled due to presence of LPH																	
	01/08/02	8.15	0.08	58.31	Not sampled due to presence of LPH																	
	04/04/02	8.65	0.15	57.87	Not sampled due to presence of LPH																	
	07/02/02	9.66	0.36	57.03	Not sampled due to presence of LPH																	
	10/02/02	11.18	0.60	55.70	Not sampled due to presence of LPH																	
	01/14/03	8.66	0.10	57.82	Not sampled due to presence of LPH																	
	04/28/03	--	0.25	--	Not sampled due to presence of LPH																	
	07/11/03	11.10	0.04	55.33	Not sampled due to presence of LPH																	
	12/17/03	8.52	0.01	57.89	Not sampled due to presence of LPH																	
	03/31/04	8.98	Sheen	57.42	**23,400**	**17,800**	**2,200**	<50	<50	<50	<100	--	--	--	--	--	--	--	129,000	<15	--	37,500
66.33	08/19/04	10.32	0.14	56.12	Not sampled due to presence of LPH																	
	10/14/04	10.00	Sheen	56.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/21/05	9.30	0.01	57.04	Not sampled due to presence of LPH																	
	06/28/05	8.96	Sheen	57.37	**8,030**	<252	<503[b]	<5	<5	30.20	<10	--	--	--	--	--	--	--	--	<75	--	51,200
	09/15/05	10.28	0.12	56.15	Not sampled due to presence of LPH																	
	12/08/05	9.02	0.13	57.41	Not sampled due to presence of LPH																	
	03/10/06	8.13	0.00	58.20	**2,400**	**2,500**	**1,100**	<0.5	<0.7	4.0	3.0	--	--	--	--	--	--	--	116,000	150	--	95,800
	06/08/06	9.00	0.00	57.33	**9,300**	**930**	420	1.0	2.0	20	4.0	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	10.56	0.05	55.81	Not sampled due to presence of LPH																	
	12/19/06	6.01	Sheen	60.32	**7,300**	**1,400**	**580**	<0.5	<0.7	4.0	<0.8	--	--	--	--	--	--	--	111,000	<40	--	65,900
	03/20/07	8.21	0.00	58.12	**1,291**	**2,837**	**1,947**	<0.5	<0.7	4.25	0.853	--	--	--	--	--	--	--	116,000	1,190	--	35,900
	06/28/07	9.42	0.00	56.91	**1,800**	**1,300**	**540**	<0.5	<0.7	4	<0.8	--	--	--	--	--	--	--	123,000	<40	--	27,600
	09/25/07	10.39	0.00	55.94	**4,000**	**4,700**	**1,900**	<0.5	<0.7	7	1	--	--	--	--	--	--	--	121,000	<40	--	19,700
	12/10/07	8.49	0.00	57.84	710	110	<94	<0.5	0.8	3	<0.8	--	--	--	--	--	--	--	110,000	<2,000	<15	31,800
	03/10/08	8.92	0.00	57.41	**1,000**	110	<96	<0.5	1	23	3	<0.5	--	--	--	--	--	--	109,000	<2,000	<15	--
	06/16/08	8.75	0.00	57.58	350	<75	<94	<0.5	<0.5	1	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	10.17	0.00	56.16	**1,600**	380	140	<0.5	<0.7	0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	8.75	0.00	57.58	<50	<29	<68	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	03/26/09	8.40	0.00	57.93	<50.0	<82	<410	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	06/10/09	9.24	0.00	57.09	514	170	<380	<1.0	<1.0	1.3	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	10.40	0.00	55.93	709	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	8.53	0.00	57.80	**938**	--	--	<1.0	<1.0	2.6	<3.0	--	--	--	--	--	--	--	--	--	--	--
	03/17/10	8.79	0.00	57.54	510	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	06/01/10	8.14	0.00	58.19	84.6	107	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	9.35	0.00	56.98	332	127	<385	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	12/06/10	8.90	0.00	57.43	599	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	03/31/11	7.68	0.00	58.65	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	05/26/11	8.43	0.00	57.90	133	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	09/16/11	10.45	0.00	55.88	660	--	--	<0.5	<0.5	1	<0.5	<0.5	--	--	--	--	<50	--	--	--	--	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-13	03/21/05	9.72	0.00	57.87	424	<239	<478	2.84	1.71	5.21	1.86	--	--	--	--	--	--	--	229,000	<15	--	13,800
67.59	06/28/05	9.43	0.00	58.16	402	<244	<487	<1	<1	<1	<2	--	--	--	--	--	--	--	--	<15	--	16,600
	09/15/05	10.87	0.00	56.72	260	81	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	225,000	<40	--	11,100
	12/08/05	9.34	0.00	58.25	230	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	228,000	<40	--	13,800
	03/10/06	8.46	0.00	59.13	400	<78	<97	22	<0.7	2.0	<0.8	--	--	--	--	--	--	--	229,000	<1000	--	18,500
	06/08/06	9.41	0.00	58.18	380	<81	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	11.28	0.00	56.31	240	<80	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	218,000	<40	--	13,700
	12/19/06	8.30	0.00	59.29	430	100	220	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	191,000	<40	--	23,700
	03/20/07	8.50	0.00	59.09	391	<78	<97	14.3	<0.7	3.65	2.81	--	--	--	--	--	--	--	199,000	<1000	--	16,400
	06/28/07	9.93	0.00	57.66	270	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	209,000	<40	--	14,400
	09/25/07	11.13	0.00	56.46	170	84	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	208,000	<40	--	13,100
	12/10/07	8.76	0.00	58.83	340	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	200,000	<2,000	<15	17,500
	03/10/08	9.32	0.00	58.27	230	<78	<97	<0.5	<0.7	<0.8	<0.8	2	--	--	--	--	--	--	192,000	<2,000	<15	--
	06/16/08	9.05	0.00	58.54	160	<76	<95	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	10.91	0.00	56.68	250	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	Removed from sampling schedule 4Q08																				
	03/26/09	8.75	0.00	58.84	271	<83	<410	<1.0	<1.0	<1.0	<1.0	2.2	--	--	--	--	--	--	--	--	--	--
	06/10/09	9.72	0.00	57.87	165	89	<39	<1.0	<1.0	<1.0	<3.0	1.9	<0.010	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	11.11	0.00	56.48	173	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	Removed from sampling schedule 4Q09																				
	03/17/10	9.10	0.00	58.49	434	--	--	11.3	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	06/01/10	8.42	0.00	59.17	312	136	<392	2.8	<1.0	<1.0	<3.0	2.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	9.89	0.00	57.70	218	<77.7	<388	<1.0	<1.0	<1.0	<3.0	1.7	--	--	--	--	--	--	--	--	--	--
	12/06/10	9.30	0.00	58.29	281	--	--	<1.0	<1.0	<1.0	<3.0	1.7	--	--	--	--	--	--	--	--	--	--
	03/31/11	7.85	0.00	59.74	252	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	05/26/11	8.68	0.00	58.91	241	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	09/16/11	11.21	0.00	56.38	190	--	--	<0.5	<0.5	<0.5	<0.5	1	--	--	--	--	<50	--	--	--	--	--
MW-14	03/21/05	9.17	0.00	58.50	<100	<245	<489	<1	<1	<1	<2	--	--	--	--	--	--	--	97,400	29	--	46,200
67.67	06/28/05	8.87	0.00	58.80	197	<244	<488	<1	<1	<1	<2	--	--	--	--	--	--	--	--	<75	--	52,700
	09/15/05	10.68	0.00	56.99	66	130	170	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	96,100	<40	--	43,100
	12/08/05	8.79	0.00	58.88	74	140	180	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	97,300	<40	--	45,000
	03/10/06	7.74	0.00	59.93	55	<77	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	104,000	<1,000	--	54,800
	06/08/06	8.92	0.00	58.75	<48	<81	150	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	11.15	0.00	56.52	140	89	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	89,700	<40	--	49,500
	12/19/06	7.40	0.00	60.27	<48	<76	96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	96,900	<40	--	44,400
	03/20/07	7.60	0.00	60.07	52.9	<80	119	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	109,000	<40	--	48,900
	06/28/07	9.60	0.00	58.07	240	82	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	89,600	<40	--	52,300
	09/25/07	10.96	0.00	56.71	140	<89	<110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	84,400	<40	--	53,400
	12/10/07	7.98	0.00	59.69	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	104,000	<2,000	<15	45,000
	03/10/08	5.69	0.00	61.98	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--	--	92,000	<2,000	<15	--
	06/16/08	8.90	0.00	58.77	<50	<75	<94	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

Well ID TOC Elevation (ft)	Sample Date	Depth to Water (ft)	LPH Thickness (ft)	GW Elevation (ft)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead	Ethanol	Ferrous Iron	Alkalinity	Nitrate	Nitrite	Sulfate
MW-14	09/22/08	10.68	0.00	56.99	190	<76	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
(cont)	12/08/08	Removed from sampling schedule 4Q08																				
	03/26/09	7.75	0.00	59.92	<50.0	<82	<410	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	06/10/09	9.23	0.00	58.44	<50.0	100	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	10.95	0.00	56.72	191	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	Removed from sampling schedule 4Q09																				
	03/17/10	8.25	0.00	59.42	Gauge only this quarter																	
	06/01/10	7.18	0.00	60.49	<50.0	113	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	9.20	0.00	58.47	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	12/06/10	8.63	0.00	59.04	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	03/31/11	6.27	0.00	61.40	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	05/26/11	7.52	0.00	60.15	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--	--	--	--
	09/16/11	11.11	0.00	56.56	180	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50	--	--	--	--	--
MW-15	03/21/05	9.02	0.00	57.64	<100	<248	<497	<1	1.5	<1	<2	--	--	--	--	--	--	--	54,100	2,040	--	21,000
66.66	06/28/05	8.64	0.00	58.02	<100	<247	<493	<1	<1	<1	<2	--	--	--	--	--	--	--	--	2,420	--	19,000
	09/15/05	10.19	0.00	56.47	<48	140	230	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	39,800	2,600	--	14,600
	12/08/05	8.60	0.00	58.06	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	40,400	2,200	--	18,800
	03/10/06	7.99	0.00	58.67	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	41,800	2,500	--	28,500
	06/08/06	8.74	0.00	57.92	<48	<78	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	09/05/06	10.45	0.00	56.21	<48	<79	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	39,200	2,900	--	15,200
	12/19/06	6.00	0.00	60.66	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	43,300	2,100	--	21,100
	03/20/07	7.70	0.00	58.96	<48	<80	110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	10,500	554	--	12,400
	06/28/07	9.30	0.00	57.36	<50	<82	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	45,400	3,300	--	16,200
	09/25/07	10.34	0.00	56.32	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	41,500	2,700	--	16,300
	12/10/07	8.34	0.00	58.32	<50	<76	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	42,100	<2,000	<15	21,500
	03/10/08	8.69	0.00	57.97	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--	--	--	--	<2,000	<15	--
	06/16/08	8.51	0.00	58.15	<50	<75	<94	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
	09/22/08	10.22	0.00	56.44	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	Removed from sampling schedule 4Q08																				
	03/26/09	8.34	0.00	58.32	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	--	--
	06/10/09	8.99	0.00	57.67	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0	--	--	--	--	--	--
	09/09/09	10.35	0.00	56.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/07/09	Removed from sampling schedule 4Q09																				
	03/17/10	Removed from sampling schedule 1Q10																				
	06/01/10	8.10	0.00	58.56	<50.0	<79	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	09/02/10	9.23	0.00	57.43	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--	--	--	--	--	--
	12/06/10	8.70	0.00	57.96	Gauge only this quarter																	
	03/31/11	7.78	0.00	58.88	Gauge only this quarter																	
	05/26/11	8.15	0.00	58.51	Gauge only this quarter																	
	09/16/11	10.36	0.00	56.30	Gauge only this quarter																	
MTCA Method A CULs:					1,000/800[a]	500	500	5	1,000	700	1,000	20	0.01	5	15	15	NE	NE	NE	NE	NE	NE

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351439
202 Avenue D, Snohomish, Washington
Concentrations reported in µg/L

NOTES:
Groundwater monitoring data, top of casing elevations, and laboratory analytical results prior to September 16, 2011 provided by STANTEC Consulting Corporation.
Bolding indicates a concentration greater than MTCA Method A CUL.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes
CUL = Cleanup level
EDB = 1,2-Dichloroethane
EDC = 1,2-Dibromoethane
ft = feet
LPH = Liquid phase hydrocarbons
MTBE = Methyl Tertiary Butyl Ether
MTCA = Model Toxics Control Act
NE = Not Established
TOC = Top of casing
TPH = Total Petroleum Hydrocarbons
TPH-D = TPH as Diesel-range organics analyzed by Nothwest Method NWTPH-Dx
TPH-G = TPH as Gasoline-range organics analyzed by Northwest Method NWTPH-Gx
TPH-O = TPH as Heavy Oil-range organics analyzed by Northwest Method NWTPH-Dx
USEPA = United States Environmental Protection Agency
µg/L = micrograms per liter
-- = Not measured/Not analyzed
< = Less than the stated laboratory reporting limit

a MTCA Method A levels for TPH-G are 1,000 µg/L when no benzene is present and 800 µg/L when benzene is present.
b The laboratory reporting limit is greater than the MTCA Method A CUL.

ANALYTICAL METHOD:
BTEX analyzed by USEPA Method 8020, 8021B or 8260B.
Ethanol analyzed by USEPA Method 8260B.
EDB analyzed by USEPA Method 8260B.
EDCanalyzed by USEPA Method 504.1.
MTBE analyzed by USEPA Method 8260B.
TPH-D analyzed by Nothwest Method NWTPH-Dx .
TPH-G analyzed by Northwest Method NWTPH-Gx.
TPH-O analyzed by Northwest Method NWTPH-Dx.

SAIC

Attachment A:
Groundwater Monitoring and Sampling Data Package

WELL GAUGING DATA

Project # 110916-JB2 Date 09/16/11 Client ~~SAIC~~ Chevron

Site 202 AVE D \ SNOHOMISH

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1A	1245	2					11.17	14.58		
MW-2	1247	2					7.84	16.89		
MW-6A	1350	2					10.53	19.11		
MW-11	1237	2					9.88	14.68		
MW-12	1241	2					10.45	15.58		
MW-13	1415	2					11.21	14.95		
MW-14	1445	2					11.11	14.42		
MW-15	1233	2					10.36	14.92		

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110916-SB2	Client: SOTC Chevron
Sampler: SB	Gauging Date: 09/16/11
Well I.D.: MW-2	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 16.89	Depth to Water (ft.): 7.84
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1513 Flow Rate: 500 ml/min Pump Depth: 12.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1516	17.23	6.70	337	7	2.40	-15.3	1500	7.90
1519	17.52	6.69	336	3	2.36	-18.0	3000	7.90
1522	17.60	6.67	336	2	2.34	-20.3	4500	7.90
1525	17.67	6.67	336	2	2.31	-23.5	6000	7.90

Did well dewater? Yes (No) Amount actually evacuated: 6 L

Sampling Time: 1526 Sampling Date: 09/16/11

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

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110916-382	Client: SAK Chevron
Sampler: SS	Gauging Date: 09/16/11
Well I.D.: MW-6A	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 19.11	Depth to Water (ft.): 10.53
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1352 Flow Rate: 500 mL/min Pump Depth: 15'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1355	16.90	6.77	377	7	2.34	-34.3	1500	10.57
1358	17.16	6.75	374	3	2.23	-39.1	3000	10.57
1401	17.29	6.74	375	3	2.19	-42.2	4500	10.57
1404	17.34	6.74	375	2	2.15	-43.7	6000	10.57
1407	17.41	6.73	374	2	2.12	-45.0	7500	10.57

Did well dewater? Yes (No) Amount actually evacuated: 7.5 L

Sampling Time: 1408 Sampling Date: 09/16/11

Sample I.D.: MW-6A Laboratory: LANCASTER

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110916-332	Client: SAFE Chevron
Sampler: SB	Gauging Date: 09/16/11
Well I.D.: MW-11	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 14.68	Depth to Water (ft.): 9.88
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1320 Flow Rate: 500 ml/min Pump Depth: 12.5'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1323	17.96	6.72	384	29	2.83	-14.7	1500	10.01
1326	18.21	6.69	386	26	2.68	-17.5	3000	10.03
1329	18.30	6.70	388	24	2.65	-18.1	4500	10.04
1332	18.33	6.70	388	25	2.63	-18.7	6000	10.07

Did well dewater? Yes (No) Amount actually evacuated: 6 L

Sampling Time: 1333 Sampling Date: 09/16/11

Sample I.D.: MW-11 Laboratory: Lancaster

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110916-332	Client: SOF Chevron
Sampler: SS	Gauging Date: 09/16/11
Well I.D.: MW-12	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 15.58	Depth to Water (ft.): 10.45
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	Flow Cell Type: 351556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1250 Flow Rate: 500 ml/min Pump Depth: 13'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1253	16.74	6.79	280	13	1.79	-17.5	1500	10.47
1256	16.81	6.65	278	8	1.57	-14.7	3000	10.47
1259	16.76	6.57	275	8	1.59	-14.2	4500	10.47
1302	16.81	6.55	276	6	1.56	-15.1	6000	10.47
1305	16.84	6.55	275	4	1.54	-15.6	7500	10.47

Did well dewater? Yes (No) Amount actually evacuated: 7.5 L

Sampling Time: 1306 Sampling Date: 09/16/11

Sample I.D.: MW-12 Laboratory: LAXASTER3

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110916-SB2	Client: Conoco
Sampler: SB	Gauging Date: 09/16/11
Well I.D.: MW-13	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 14.95	Depth to Water (ft.): 11.21
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1417 Flow Rate: 500 ml/min Pump Depth: 13'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1420	16.85	6.81	395	18	2.38	-21.3	1500	11.28
1423	16.81	6.79	395	11	2.23	-24.8	3000	11.28
1426	16.78	6.74	395	7	2.21	-25.7	4500	11.28
1429	16.69	6.73	395	5	2.18	-26.3	6000	11.28
1432	16.67	6.73	395	4	2.16	-27.5	7500	11.28

Did well dewater? Yes (No) Amount actually evacuated: 7.5 L

Sampling Time: 1433 Sampling Date: 09/16/11

Sample I.D.: MW-13 Laboratory: Lancaster

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 110916-332	Client: Chevron SAC
Sampler: SB	Gauging Date: 09/16/11
Well I.D.: MW-14	Well Diameter (in.): (2) 3 4 6 8 ___
Total Well Depth (ft.): 14.42	Depth to Water (ft.): 11.11
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Referenced to: (PVC) Grade	Flow Cell Type: 251556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Start Purge Time: 1447 Flow Rate: 500 ml/min Pump Depth: 13'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1450	17.64	6.36	325	12	2.21	12.5	1500	11.17
1453	17.75	6.34	325	7	2.17	12.3	3000	11.17
1456	17.93	6.33	325	6	2.14	11.8	4500	11.17
1459	18.01	6.32	326	6	2.13	11.1	6000	11.17
1502	18.06	6.32	326	5	2.10	10.5	7500	11.17

Did well dewater? Yes (No) Amount actually evacuated: 7.5 L

Sampling Time: 1503 Sampling Date: 09/16/11

Sample I.D.: MW-14 Laboratory: [illegible]

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

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

CHAIN OF CUSTODY FORM

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

COC 1 of 1

Chevron Site Number: 35-1439

Program Designation: CMP

Site Address (street, city, state / county): 202 Ave. D, Snohomish, WA

Chevron PM:

Chevron PM Phone No.:

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

Chevron Consultant: SAIC

Address: 20415 72nd Ave South, Suite 250, Kent WA 98032

Consultant Contact: Ron Santos

Consultant Phone No. (208) 429-3772

Consultant Project No. 110916-353

Sampling Company: Blaine Tech Services

Sampled By (Print): [illegible]

Sampler Signature: [illegible]

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.
1300	2°
1400	2°
1500	2°

ANALYSES REQUIRED

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

Special Instructions

SAMPLE ID							TPH-DRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ scg)	TPH-ORO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ scg)	TPH-HRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ scg)	8260B FULL LIST☐ EDC☐ TBA☐ TAME☐ ETBE☐ ETHANOL☒ BTEX☒ MTBE☒	PAH's☐ cPAH's☐ 8270 SIM	TPH-G (NWTPH-Gx)	TOTAL LEAD (6020)	EDB (8011) ☐				Notes/Comments
Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type												
MW-2	W		110916	1526	6	HCL VOA				X		X						
MW-10				1408						X		X						
MW-11				1333						X		X						
MW-12				1306						X		X						
MW-13				1433						X		X						
MW-14				1503						X		X						
QA	T			1230	3					X		X						

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time
[illegible]	BTS	09/16/2011 1700	SHIPPED	BY FEDEX	
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

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

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

WELLHEAD INSPECTION FORM

Client: SAIC Site: 202 PINE ST ISSAQUAH Date 09/16/11

Job #: 110916-SB2 Technician: SB Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check Indicates Deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty.)	Tabs stripped (list qty.)	Tabs broken (list qty.)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lock replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-1						3/3			X						SEVERAL HAIRLINE CRACKS IN APRON
MW-2						2/2									
MW-6						3/3									LID NOT SECURE
MW-11	X														
MW-12	X														
MW-13						3/3							X		WATER IN WELLBOX HAS SHEEN LID NOT SECURE
MW-14						2/3									
MW-15	X														

Notes:

CHEVRON TYPE **A** BILL OF LADING

SAMPLE

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

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

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

35-1439 — MARK INGLIS
CHEVRON # — Chevron Engineer

202 — 80TH — SNOHOMISH — WA
street number — street name — city — state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-2	2		
MW-6A	2		
MW-11	2		
MW-12	2		
MW-13	2		
MW-14	2		

added equip. rinse water 3

any other adjustments

TOTAL GALS. RECOVERED 15

loaded onto BTS vehicle # 86

BTS event # 110916-JB2 — time 1545 — date 09/16/11

signature

****

REC'D AT — time — date

unloaded by signature

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Chevron 351439				JOB NUMBER 110916-0B2				
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED WITHIN 10% Y or N	COMMENTS	TEMP.	INIT
YSI 556	BTS-SEA	09/16/11 0605	pH 7, 4, 10 Cond. 3900	7.03, 4.05, 10.09 3906	YES YES		21.84 20.96	JS JS
↓	↓	↓	ORP. 237.5 DO 100%	237.3 99.6 %	YES YES		22.68 ——	JS KB

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: SAIC

Date 09/14/11

Site Address: 202950 \ SUOHANSU

Job Number: 110914-SB2

Technician(s): SB

Pre-Job Safety Review

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

2. Special Permit Required Task Review

Are there any conditions or tasks that would require:

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

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

3. Is a Traffic Control Permit required for today's work?	Yes	No
	☑	☐
If so is it in the folder?	☑	☐
Is it current?	☑	☐
Do you understand the Traffic Control Plan and what equipment you will need?	☐	☐

On site Pre-Job Safety Review

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

If Checklist Task cannot be completed, explain:

Permit To Work Authority: [signature] PM 9/14/11 1433

Name Title Date Time

Attachment B:
Laboratory Analysis Report

Lancaster Laboratories

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

Analysis Report

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

September 30, 2011

Project: 351439

Submittal Date: 09/17/2011
Group Number: 1267025
PO Number: 0015086255
Release Number: INGLIS
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
MW-2 Grab Water Sample	6410034
MW-6A Grab Water Sample	6410035
MW-11 Grab Water Sample	6410036
MW-12 Grab Water Sample	6410037
MW-13 Grab Water Sample	6410038
MW-14 Grab Water Sample	6410039
QA Water Sample	6410040

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

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

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

Questions? Contact your Client Services Representative
Elizabeth A Leonhardt at (510) 232-8894

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-2 Grab Water Sample
Facility# 351439
202 Ave D - Snohomish, WA

LLI Sample # WW 6410034
LLI Group # 1267025
Account # 11255

Project Name: 351439

Collected: 09/16/2011 15:26 by JB

Submitted: 09/17/2011 09:15
Reported: 09/30/2011 16:01

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DSMW2

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	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	P112631AA	09/20/2011 20:27	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112631AA	09/20/2011 20:27	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11270B20A	09/28/2011 15:39	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	11270B20A	09/28/2011 15:39	Catherine J Schwarz	1

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-6A Grab Water Sample
Facility# 351439
202 Ave D - Snohomish, WA

LLI Sample # WW 6410035
LLI Group # 1267025
Account # 11255

Project Name: 351439

Collected: 09/16/2011 14:08 by JB

Submitted: 09/17/2011 09:15
Reported: 09/30/2011 16:01

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DSM6A

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	0.7	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	1	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.	2,100	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	P112631AA	09/20/2011 20:54	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112631AA	09/20/2011 20:54	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11270B20A	09/28/2011 16:01	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	11270B20A	09/28/2011 16:01	Catherine J Schwarz	1

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-11 Grab Water Sample
Facility# 351439
202 Ave D - Snohomish, WA

LLI Sample # WW 6410036
LLI Group # 1267025
Account # 11255

Project Name: 351439

Collected: 09/16/2011 13:33 by JB

Submitted: 09/17/2011 09:15
Reported: 09/30/2011 16:01

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DSM11

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	22	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.7	0.5	1
10943	Toluene	108-88-3	1	0.5	1
10943	Xylene (Total)	1330-20-7	0.8	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	320	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	P112631AA	09/20/2011 21:22	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112631AA	09/20/2011 21:22	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11270B20A	09/28/2011 16:23	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	11270B20A	09/28/2011 16:23	Catherine J Schwarz	1

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Analysis Report

Sample Description: MW-12 Grab Water Sample
Facility# 351439
202 Ave D - Snohomish, WA

LLI Sample # WW 6410037
LLI Group # 1267025
Account # 11255

Project Name: 351439

Collected: 09/16/2011 13:06 by JB

Submitted: 09/17/2011 09:15
Reported: 09/30/2011 16:01

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DSM12

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	1	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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.	660	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	F112631AA	09/20/2011 13:28	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F112631AA	09/20/2011 13:28	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11270B20A	09/28/2011 16:45	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	11270B20A	09/28/2011 16:45	Catherine J Schwarz	1

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Analysis Report

Sample Description: MW-13 Grab Water Sample
Facility# 351439
202 Ave D - Snohomish, WA

LLI Sample # WW 6410038
LLI Group # 1267025
Account # 11255

Project Name: 351439

Collected: 09/16/2011 14:33 by JB

Submitted: 09/17/2011 09:15
Reported: 09/30/2011 16:01

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DSM13

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	Methyl Tertiary Butyl Ether	1634-04-4	1	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.	190	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	F112631AA	09/20/2011 13:49	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F112631AA	09/20/2011 13:49	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11270B20A	09/28/2011 17:07	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	11270B20A	09/28/2011 17:07	Catherine J Schwarz	1

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Analysis Report

Sample Description: MW-14 Grab Water Sample
Facility# 351439
202 Ave D - Snohomish, WA

LLI Sample # WW 6410039
LLI Group # 1267025
Account # 11255

Project Name: 351439

Collected: 09/16/2011 15:03 by JB

Submitted: 09/17/2011 09:15
Reported: 09/30/2011 16:01

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DSM14

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	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	180	50	1

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	F112632AA	09/20/2011 15:25	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F112632AA	09/20/2011 15:25	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11270B20A	09/28/2011 17:29	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	11270B20A	09/28/2011 17:29	Catherine J Schwarz	1

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Analysis Report

Sample Description: QA Water Sample
Facility# 351439
202 Ave D - Snohomish, WA

LLI Sample # WW 6410040
LLI Group # 1267025
Account # 11255

Project Name: 351439

Collected: 09/16/2011 12:30

Submitted: 09/17/2011 09:15
Reported: 09/30/2011 16:01

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DSQA-

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	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F112632AA	09/20/2011 11:28	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F112632AA	09/20/2011 11:28	Nicholas R Rossi	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11270B20A	09/28/2011 14:56	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	11270B20A	09/28/2011 14:56	Catherine J Schwarz	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1267025
Reported: 09/30/11 at 04:01 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F112631AA	Sample number(s): 6410037-6410038							
Benzene	N.D.	0.5	ug/l	95		79-120		
Ethanol	N.D.	50.	ug/l	118		54-149		
Ethylbenzene	N.D.	0.5	ug/l	89		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	87		76-120		
Toluene	N.D.	0.5	ug/l	92		79-120		
Xylene (Total)	N.D.	0.5	ug/l	88		80-120		
Batch number: F112632AA	Sample number(s): 6410039-6410040							
Benzene	N.D.	0.5	ug/l	94		79-120		
Ethanol	N.D.	50.	ug/l	130		54-149		
Ethylbenzene	N.D.	0.5	ug/l	94		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	89		76-120		
Toluene	N.D.	0.5	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	ug/l	90		80-120		
Batch number: P112631AA	Sample number(s): 6410034-6410036							
Benzene	N.D.	0.5	ug/l	89	89	79-120	0	30
Ethanol	N.D.	50.	ug/l	98	93	54-149	6	30
Ethylbenzene	N.D.	0.5	ug/l	91	90	79-120	1	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92	94	76-120	1	30
Toluene	N.D.	0.5	ug/l	93	93	79-120	0	30
Xylene (Total)	N.D.	0.5	ug/l	94	93	80-120	1	30
Batch number: 11270B20A	Sample number(s): 6410034-6410040							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	100		75-135		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F112631AA	Sample number(s): 6410037-6410038 UNSPK: P410013								
Benzene	97	94	80-126	3	30				
Ethanol	94	91	53-146	3	30				
Ethylbenzene	95	91	71-134	4	30				
Methyl Tertiary Butyl Ether	87	83	72-126	5	30				
Toluene	98	92	80-125	6	30				
Xylene (Total)	91	89	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: 09/30/11 at 04:01 PM

Group Number: 1267025

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F112632AA	Sample number(s): 6410039-6410040 UNSPK: P410071								
Benzene	97	94	80-126	3	30				
Ethanol	132	93	53-146	35*	30				
Ethylbenzene	95	92	71-134	3	30				
Methyl Tertiary Butyl Ether	84	83	72-126	1	30				
Toluene	95	92	80-125	2	30				
Xylene (Total)	92	89	79-125	3	30				
Batch number: 11270B20A	Sample number(s): 6410034-6410040 UNSPK: P410071								
NWTPH-Gx water C7-C12	79	84	75-135	6	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: F112631AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6410037	93	99	98	96
6410038	94	100	101	95
Blank	93	98	99	89
LCS	92	103	97	93
MS	94	102	98	94
MSD	91	101	98	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F112632AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6410039	95	97	99	91
6410040	94	98	97	90
Blank	94	98	98	90
LCS	92	103	100	95
MS	94	100	98	93
MSD	94	98	99	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: P112631AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6410034	98	98	100	94
6410035	99	97	99	100
6410036	98	97	99	97
Blank	97	96	100	94

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

Quality Control Summary

Client Name: Chevron
Group Number: 1267025
Reported: 09/30/11 at 04:01 PM

Surrogate Quality Control

LCS	97	97	101	97
LCSD	98	98	100	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 11270B20A

	Trifluorotoluene-F
6410034	92
6410035	193*
6410036	106
6410037	110
6410038	99
6410039	117
6410040	89
Blank	89
LCS	110
MS	102
MSD	106
Limits:	63-135

*- 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.

Amended

CHAIN OF CUSTODY FORM

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

Chevron Site Number: 35-1439

Program Designation: CMP

Site Address (street, city, state / county): 202 Ave. D, Snohomish, WA

Chevron PM:

Chevron PM Phone No.:

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

Chevron Consultant: SAIC

Address: 20415 72nd Ave South, Suite 250, Kent WA 98032

Consultant Contact: Ron Santos

Consultant Phone No. (208) 429-3772

Consultant Project No. 110916-[illegible]

Sampling Company: Blaine Tech Services

Sampled By (Print): [illegible]

Sampler Signature: [signature]

Charge Code: NWRTB 00SITE NUMBER-0- OML

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

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

Other Lab

Temp. Blank Check

Time	Temp.
1300	[illegible]
1400	[illegible]
1500	[illegible]

ANALYSES REQUIRED

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

Acct #11255
Grp #1267025
Sample # 6410034-40

Special Instructions

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	TPH-DRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	TPH-ORO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	TPH-HRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	8260B FULL LIST☐ EDC☐ TBA☐ TAME☐ ETBE☐ ETHANOL☒ BTEX☒ MTBE☒ (H)	PAH's☐ cPAH's☐ 8270 SIM	TPH-G (NWTPH-Gx) (H)	TOTAL LEAD (6020)	EDB (8011) ☐				Notes/Comments
MW-2	W		110916	1526	6	HCl VOA				X		X						
MW-6A	↓		↓	1408	↓	↓				X		X						
MW-11	↓		↓	1333	↓	↓				X		X						
MW-12	↓		↓	1306	↓	↓				X		X						
MW-13	↓		↓	1433	↓	↓				X		X						
MW-14	↓		↓	1503	↓	↓				X		X						
QA	T		↓	1230	3	↓				X		X						

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time
[signature]	BTS	09/16/2011 1700	SHIPPED	BY FEDEX	
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

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

Sample Integrity: (Check by lab on arrival)

Intact: ____ On Ice: ____ Temp: ____ COC #

CHAIN OF CUSTODY FORM

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

Chevron Site Number: 35-1439
Program Designation: CMP
Site Address (street, city, state / county): 202 Ave. D, Snohomish, WA
Chevron PM:
Chevron PM Phone No.:
☐ Retail and Terminal Business Unit (RTBU) Job
☐ Construction/Retail Job

Chevron Consultant: SAIC
Address: 20415 72nd Ave South, Suite 250, Kent WA 98032
Consultant Contact: Ron Santos
Consultant Phone No. (208) 429-3772
Consultant Project No. 110916-JB2
Sampling Company: Blaine Tech Services
Sampled By (Print): JOSEPH BUSTAMANTE
Sampler Signature: [signature]

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

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

Other Lab

Temp. Blank Check Time	Temp.
1300	2°
1400	2°
1500	2°

ANALYSES REQUIRED

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

Acct # 11255
Grp # 1267025
Sample # 6410034-40

Special Instructions

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	TPH-DRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	TPH-ORO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	TPH-HRO w/ SILICA GEL CLEANUP (97-602M) (NWTPH-Dx w/ sgc)	8260B FULL LIST☐ EDC☐ TBA☐ TAME☐ ETBE☐ ETHANOL☐ BTEX☒ MTBE☒ (H)	PAH's☐ cPAH's☐ 8270 SIM	TPH-G (NWTPH-Gx) (H)	TOTAL LEAD (6020)	EDB (8011) ☐			Notes/Comments
MW-2	W		110916	1526	6	HCL VOA				X		X					
MW-6A	↓		↓	1408	↓	↓				X		X					
MW-11	↓		↓	1333	↓	↓				X		X					
MW-12	↓		↓	1306	↓	↓				X		X					
MW-13	↓		↓	1433	↓	↓				X		X					
MW-14	↓		↓	1503	↓	↓				X		X					
QA	T		↓	1230	3	↓				X		X					

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
[signature]	BTS	09/16/2011 1700	SHIPPED	BY FEDEX	
			[signature]	LLI	9/17/11 0915

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 0.6-4.3.0
COC #

COC Revision Seattle.doc, 09/16/11

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

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

ppb parts per billion

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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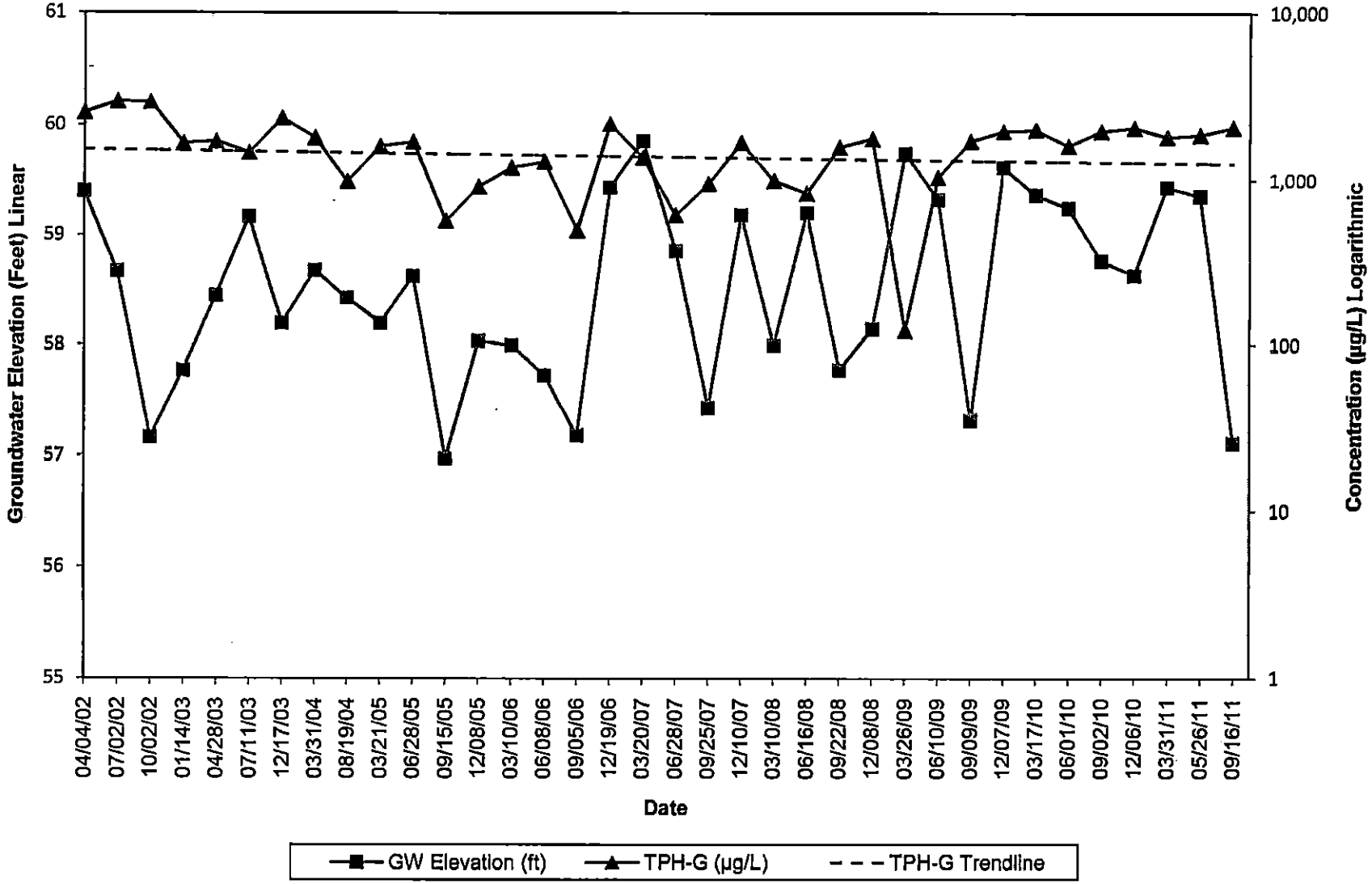
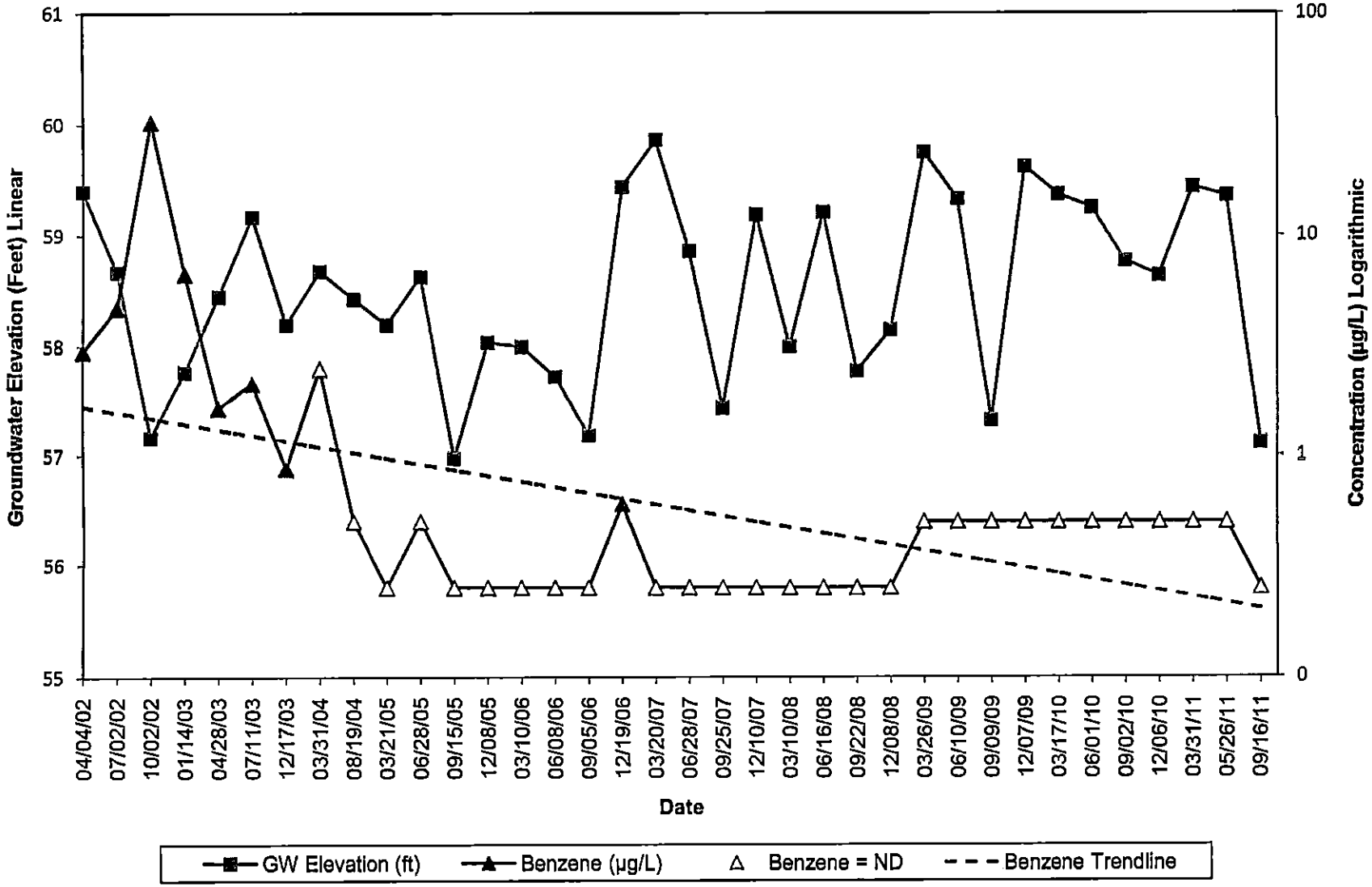
Attachment C:
Hydrographs

MW-6A
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351439
202 Avenue D, Snohomish, Washington



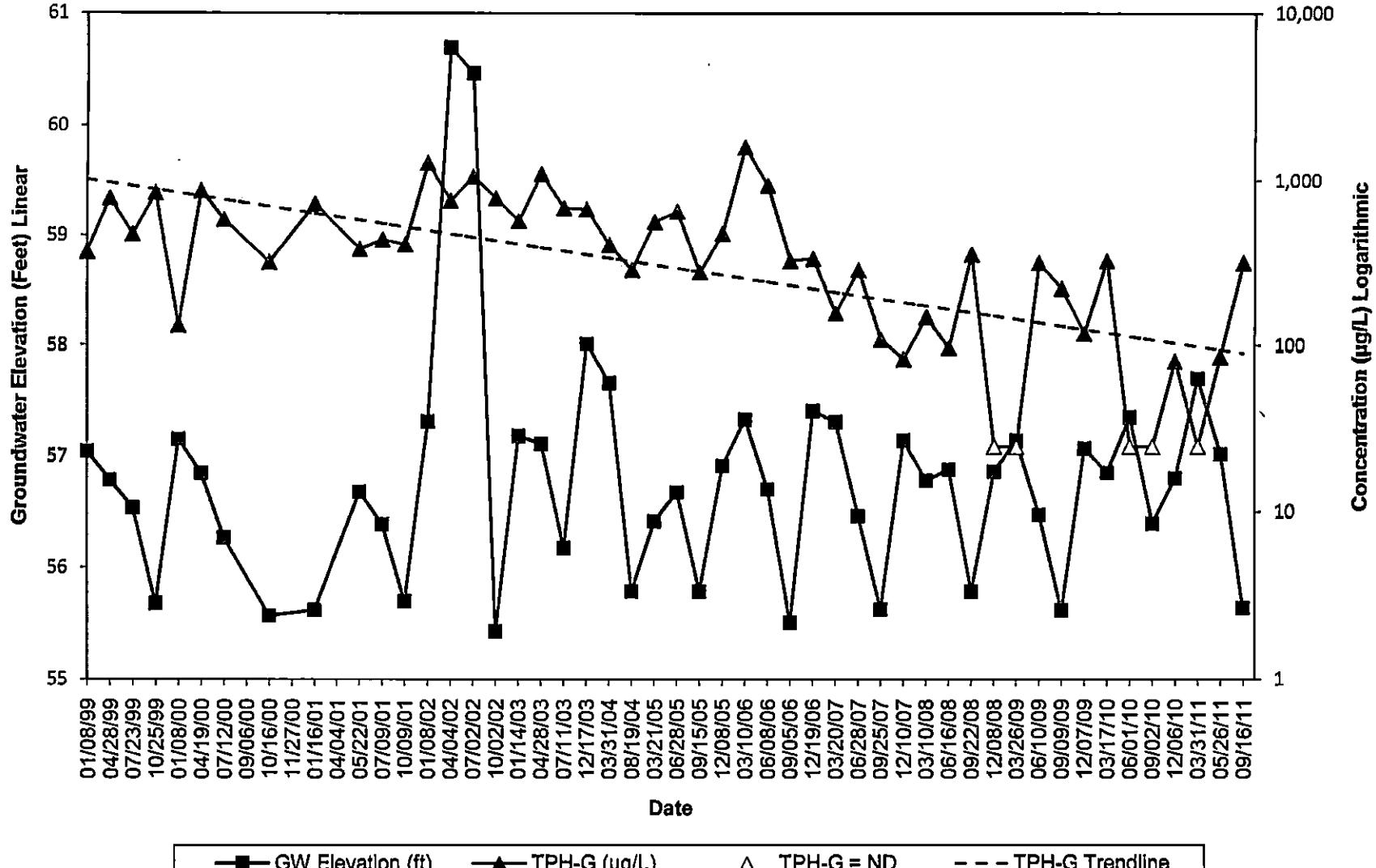
SAIC

MW-6A
Hydrograph - Benzene
76 Products Facility No. 351439
202 Avenue D, Snohomish, Washington



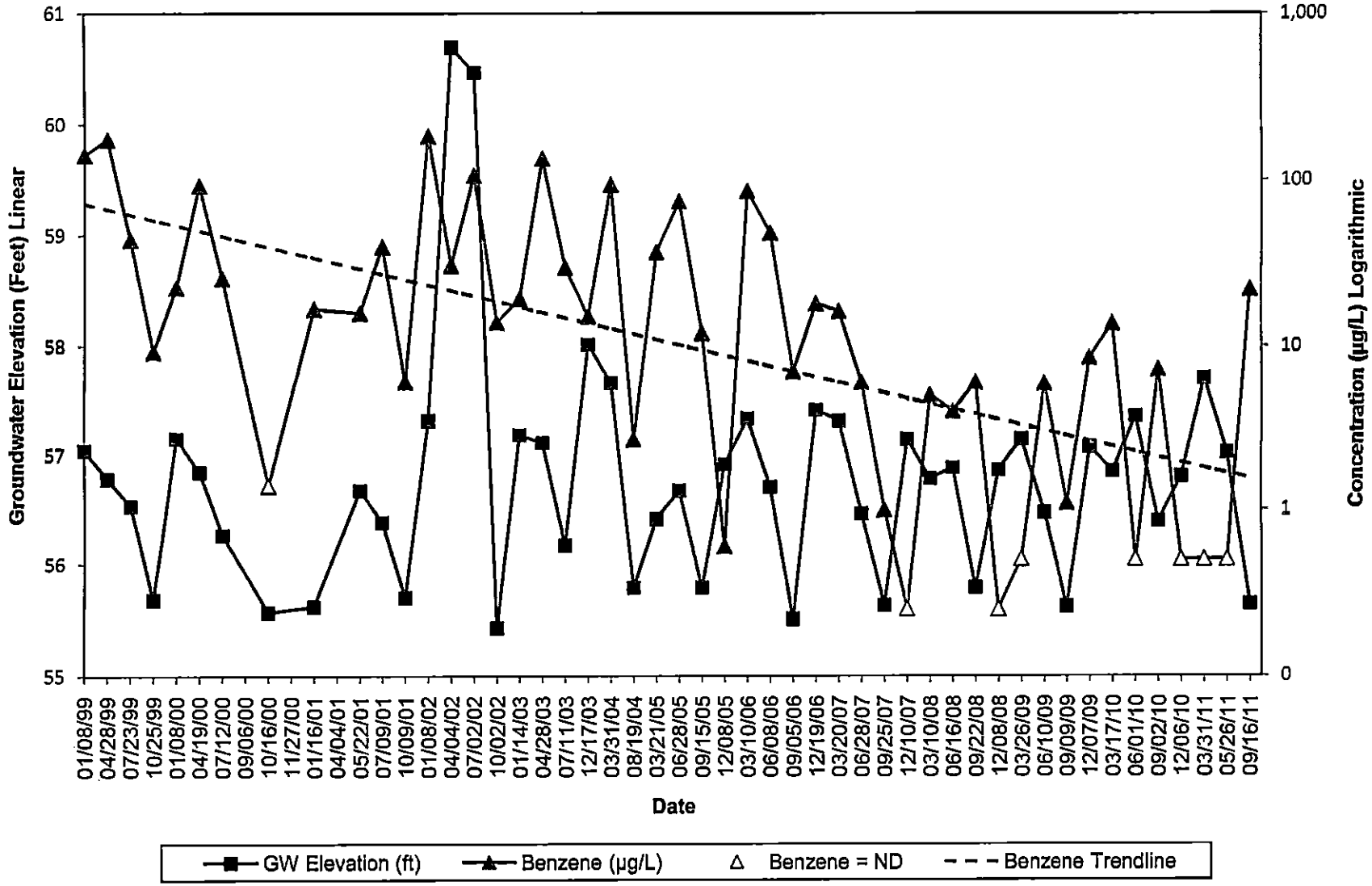
SAIC

MW-11
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351439
202 Avenue D, Snohomish, Washington



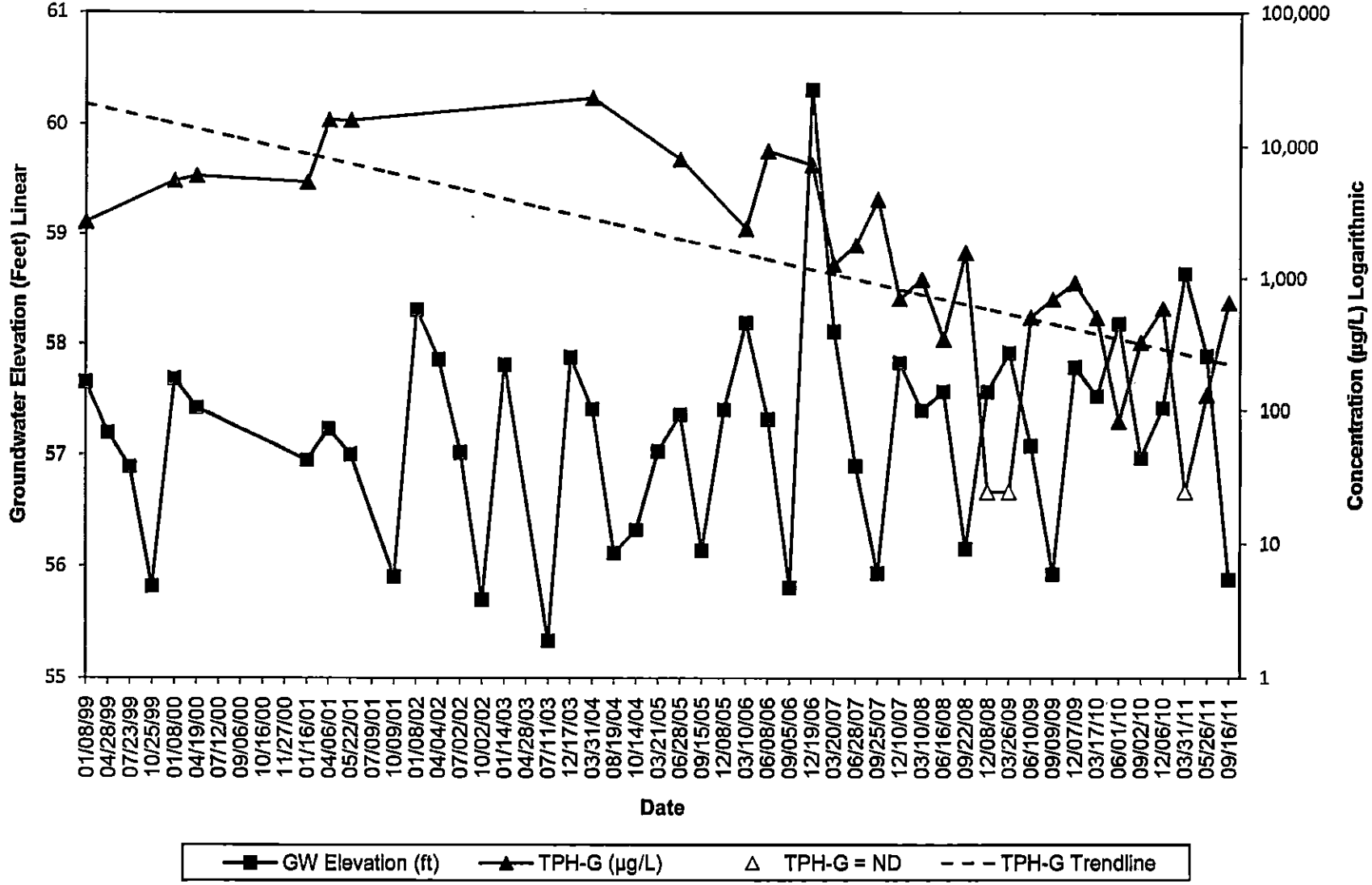
SAIC

MW-11
Hydrograph - Benzene
76 Products Facility No. 351439
202 Avenue D, Snohomish, Washington



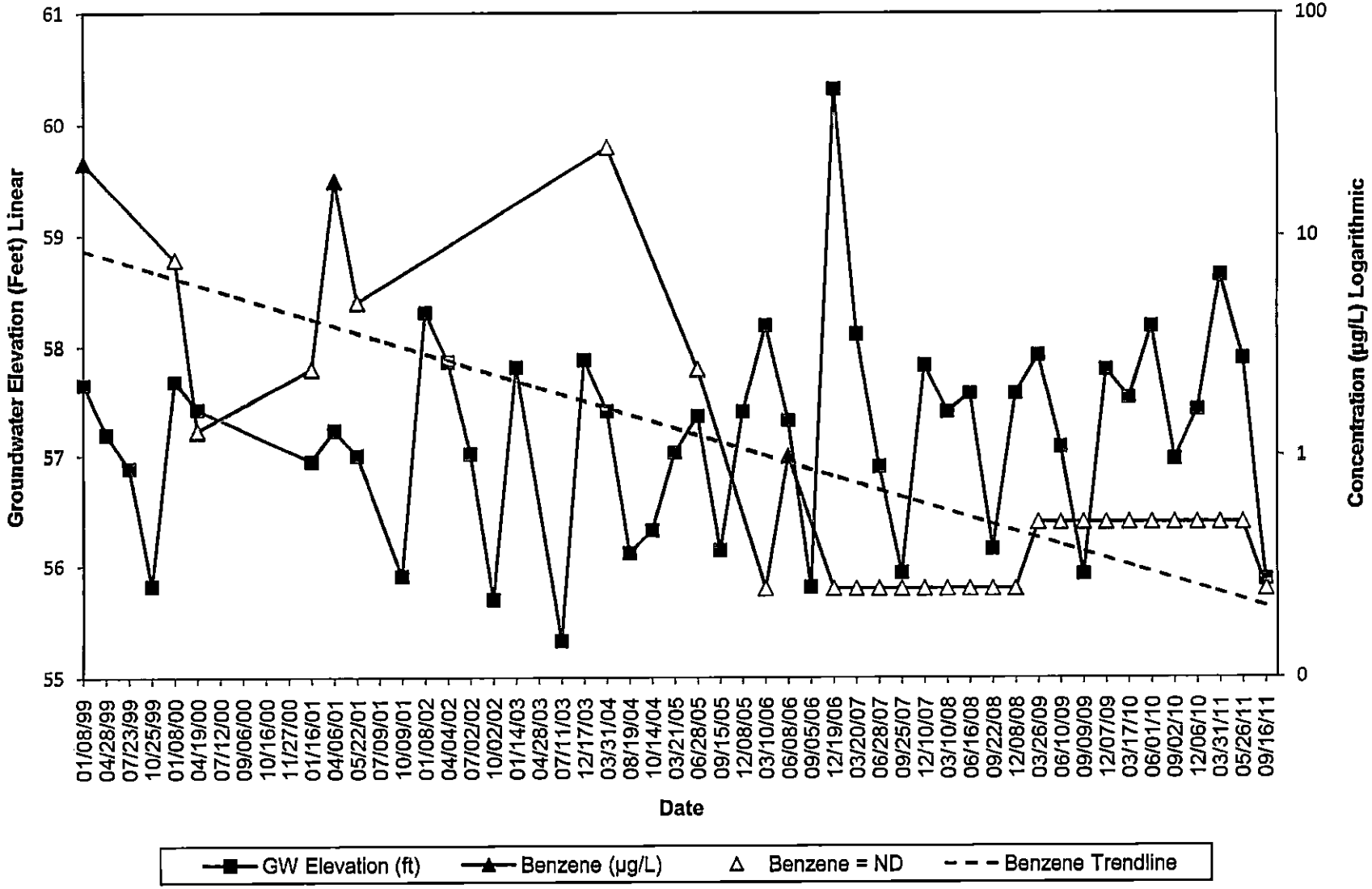
SAIC

MW-12
Hydrograph - Gasoline-Range Hydrocarbons
76 Products Facility No. 351439
202 Avenue D, Snohomish, Washington



SAIC

MW-12
Hydrograph - Benzene
76 Products Facility No. 351439
202 Avenue D, Snohomish, Washington



SAIC