

January 6, 2014

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

Subject: **Fourth Quarter 2013 Groundwater Monitoring and Sampling Report
76 Products Facility No. 351443
3460 First Avenue South
Seattle, Washington
Washington State Department of Ecology Facility No. 64433154**

Dear Mr. Myers:

On behalf of Chevron Environmental Management Company, for itself and as Attorney-in-Fact for Union Oil Company of California (EMC), Leidos Engineering, LLC (Leidos; formerly SAIC Energy, Environment & Infrastructure, LLC) submits this Groundwater Monitoring and Sampling Report for the referenced site above (Figure 1). Quarterly groundwater monitoring and sampling were conducted by Blaine Tech Services, Inc. (Blaine Tech) on October 23, 2013. The Blaine Tech groundwater monitoring and sampling package is provided as Attachment A.

FIELD ACTIVITIES

On October 23, 2013, depth to groundwater was measured in wells MW-1, MW-6, MW-7, MW-8, MW-9, and MW-12. Wells MW-10 and MW-15 are not part of the monitoring program. The groundwater elevation ranged from 91.21 feet (MW-8) to 92.35 feet (MW-7) based on an arbitrary benchmark elevation of 100.00 feet. Groundwater flow is to the west-northwest at a gradient of approximately 0.005 foot per foot (ft/ft). A Potentiometric Map is provided on Figure 1.

A groundwater sample was collected from monitoring well MW-12 and shipped under chain-of-custody protocol to Eurofins Lancaster Laboratories, Inc. in Lancaster, Pennsylvania. Based on historical groundwater concentration results, monitoring wells MW-1, MW-6, MW-7, MW-8, and MW-9 were removed from sampling program. Hydrocarbon concentrations have been below their respective Model Toxic Control Act (MTCA) Method A cleanup levels for at least four consecutive quarters in each of these wells.

Groundwater samples were submitted for the following analyses:

ENTERED

- Total petroleum hydrocarbons (TPH) as gasoline-range organics by Northwest Method NWTPH-Gx;
- TPH as diesel-range organics (TPH-D) and TPH as heavy oil-range organics by Northwest Method NWTPH-Dx; and
- Benzene, toluene, ethylbenzene, and total xylenes by United States Environmental Protection Agency Method 8260B.

Laboratory analytical results are included as Attachment B. Groundwater analytical results are summarized in Table 1 and shown on Figure 2. In addition, hydrographs for monitoring well MW-12 are presented in Attachment C.

RESULTS

The results of the fourth quarter 2013 sampling event indicate that petroleum-hydrocarbon constituent concentrations are generally consistent and following a downward trend with respect to historical data. In addition, the groundwater elevation, flow direction, and gradient are consistent with historical measurements.

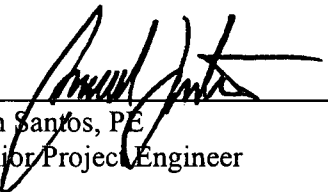
Laboratory results indicate that concentration of TPH-D in the groundwater collected from monitoring well MW-12 was above the MTCA Method A cleanup level.

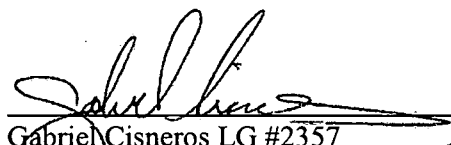
Blaine Tech will continue to perform groundwater monitoring and sampling on a quarterly basis.

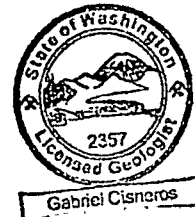
If you have any questions or comments, please contact me at (208) 429-3772 or via email at ronald.santos@leidos.com.

Sincerely,

Leidos Engineering, 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

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cc: Mr. J. Mark Inglis – Union Oil of California
Sahand Sabalan, LLC – Property Manager
Project File

REPORT LIMITATIONS

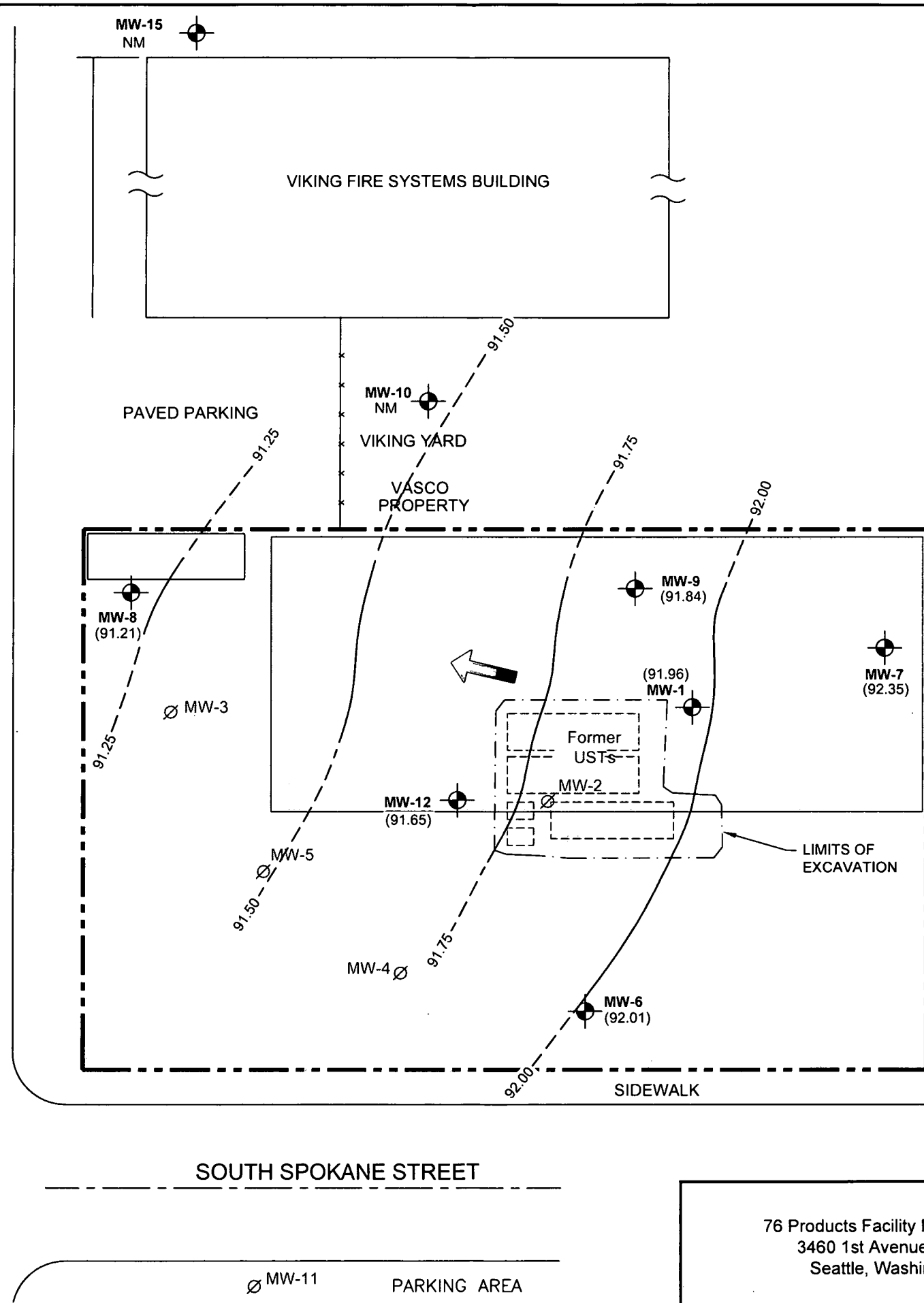
This technical document was prepared on behalf of CEMC and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by Leidos. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges that they do so at their own risk, and that Leidos 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. Leidos 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.

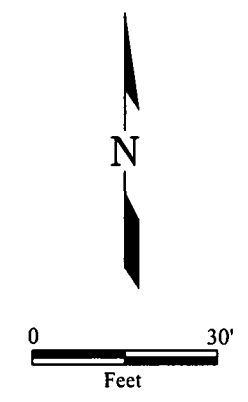
Recognizing reasonable limits of time and cost, this technical document cannot wholly eliminate uncertainty regarding the vertical and lateral extent of impacted environmental media.

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

All sources of information on which Leidos 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 Leidos in the context of this technical document. The conclusions, therefore, represent our professional opinion based on the identified sources of information.



- LEGEND**
- MW-1  MONITORING WELL LOCATION
 - MW-5  ABANDONED MONITORING WELL LOCATION
 - (92.35) GROUNDWATER ELEVATION IN FEET
 - NM NOT MEASURED
 - 92.00 — GROUNDWATER ELEVATION CONTOUR AT A 0.25 FOOT INTERVAL
 -  APPROXIMATE GROUNDWATER FLOW DIRECTION AT A GRADIENT OF 0.005 FEET PER FOOT
 - - - SITE BOUNDARY
 - UST UNDERGROUND STORAGE TANK



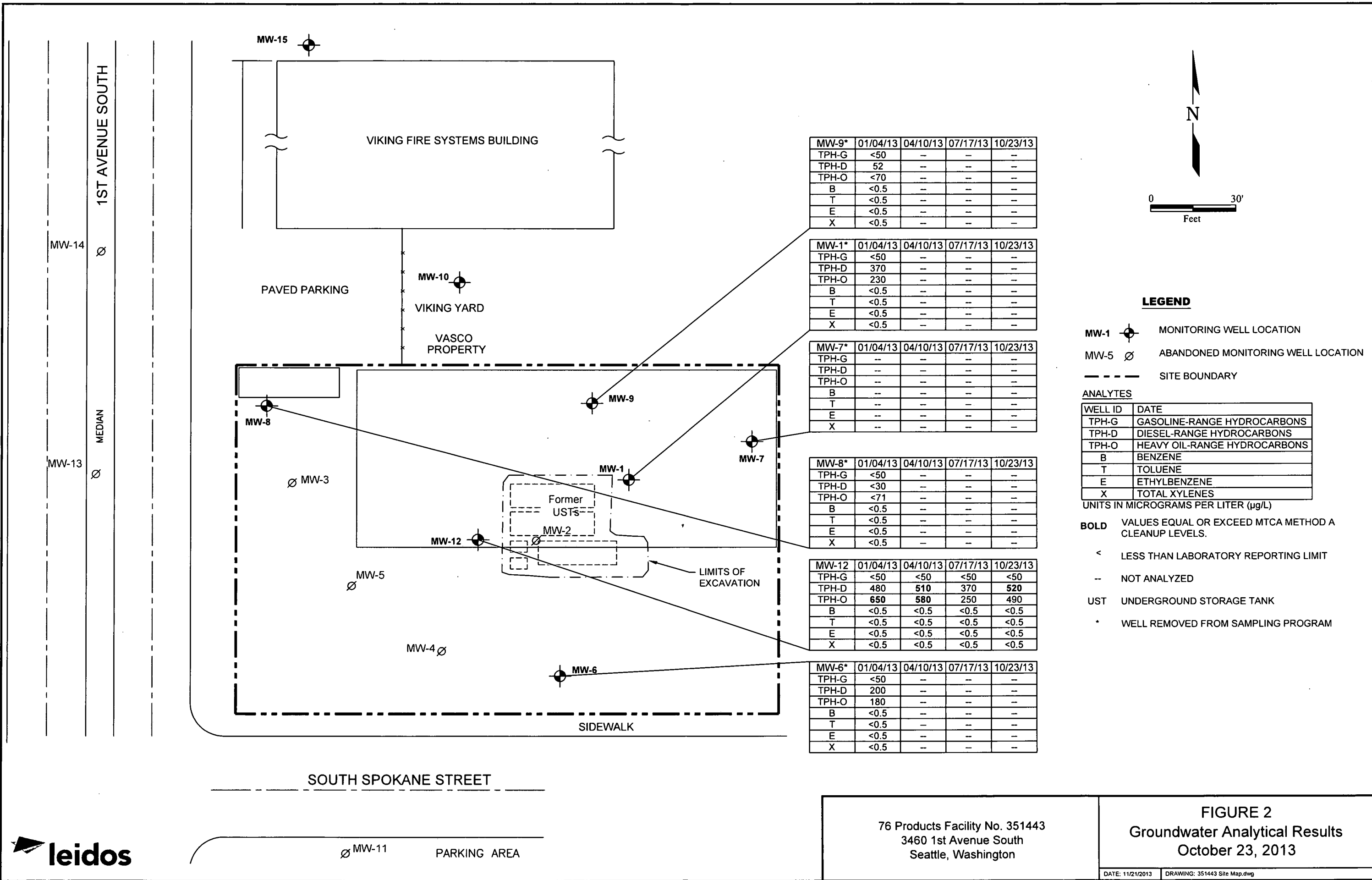


TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-1 99.52	02/25/91	5.43	2.00*	95.69	LPH Present											
	10/19/92	7.20	0.37*	92.62	LPH Present											
	08/26/93	7.36	0.15*	92.28	LPH Present											
	10/13/94	8.23	0.35*	91.57	LPH Present											
	04/25/95	5.62	--	93.90	30,000	15,000	9,600	890	<4.0	340	290	--	--	--	--	--
	07/12/95	--	--	--	13,000	4,900	<8,000	1,000	<8.0	360	210	--	--	--	<2.0	--
	10/12/95	6.15	0.05*	93.41	LPH Present											
	01/22/96	5.10	0.09*	94.49	LPH Present											
	04/10/96	5.86	0.13*	93.76	LPH Present											
	07/29/96	5.83	--	93.69	6,700	6,210	2,950	753	5.50	159	22.5	--	--	--	--	--
	10/25/96	6.32	0.23*	93.38	LPH Present											
	03/05/97	4.96	--	94.56	4,240	3,860	2,100	114	<2.50	18.7	<5.00	--	--	--	--	--
	03/05/97 ¹	4.96	--	94.56	8,150	534	<750	40.7	<2.50	58.9	15.3	--	--	--	--	--
	06/19/97	5.66	0.01*	93.87	LPH Present											
	09/16/97	6.56	sheen*	92.96	LPH Present											
	12/18/97	5.54	--	93.98	3,060	3,850	1,860	142	1.31	2.65	3.54	--	--	--	--	--
	03/11/98	5.14	--	94.38	2,720	5,930	3,890	120	2.77	4.23	5.20	--	--	--	--	--
	06/24/98	6.25	--	93.27	1,950	1,340	<750	22.8	1.83	1.05	3.33	--	--	--	--	--
	09/18/98	6.86	--	92.66	1,690	<250	<750	12.7	<2.50	<2.50	<5.00	--	--	--	--	--
	12/14/98	3.70	--	95.82	2,840	8,850	3,880	327	<5.00	11.7	<10.0	--	--	--	--	--
	03/26/99	4.50	--	95.02	2,490	4,130	2,280	180	1.87	20.6	6.13	--	--	--	--	--
	06/23/99	5.99	--	93.53	962	1,410	844	57.6	<2.50	<2.50	<5.00	--	--	--	--	--
	09/23/99	6.85	--	92.67	1,540	1,380	<750	7.29	0.731	2.13	2.07	--	--	--	--	--
	12/06/99	9.15	--	90.37	<50.0	525	<750	1.33	0.626	0.937	2.32	--	--	--	--	--
	03/13/00	5.24	--	94.28	700	4,340	2,260	186	<5.00	<5.00	<10.0	--	--	--	--	--
	06/28/00	5.45	--	94.07	<50.0	2,820	<1,290	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/13/00	6.96	--	92.56	148	651	<750	1.04	<0.500	<0.500	<1.00	--	--	--	--	--
	03/27/01	Obstructed by Vehicle														
	06/22/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/19/01	Obstructed by Vehicle														
	12/26/01	5.14	--	94.38	91.6	4,720	2,280	0.591	0.775	<0.500	1.54	--	--	--	--	--
	03/15/02	5.05	--	94.47	207	3,200	975	16.0	0.519	1.04	<1.00	--	--	--	--	--
	09/27/02	8.23	--	91.29	<100	1,420	734	1.54	<2.00	<1.00	<1.50	--	--	--	--	--
	03/28/03	4.48	--	95.04	160	1,250	<500	1.67	9.99	1.61	9.81	--	--	--	--	--
	09/22/03	5.78	--	93.74	<50.0	658	<610	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/24/04	5.18	--	94.34	<100	568	636	<1	<1	<1	<2	--	--	--	--	--

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MW-1 (cont.)	09/30/04	7.21	--	92.31	<50	357	<473	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	
	03/28/05	5.28	--	94.24	<100	315	<490	<1	<1	<1	<2	--	--	--	--	--	
99.52	06/27/05	6.58	--	92.94	<100	2,180	2,360	<1	<1	<1	<2	--	--	--	--	--	
	09/27/05	7.55	--	91.97	<48	1,200 ³	1,200	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	
	12/16/05	6.99	--	92.53	<48	510 ³	290	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	
	03/03/06	5.24	--	94.28	<48	300	270	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	
	06/02/06	5.37	--	94.15	<48	1,100 ³	1,200	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	
	09/07/06	7.41	--	92.11	<48	1,100 ³	1,300	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	
	12/28/06	4.4	--	95.12	55	360	530	0.6	<0.7	<0.8	<0.8	--	--	--	--	--	
	03/21/07	5.17	--	94.35	--	739	807	--	--	--	--	--	--	--	--	--	
	06/27/07	6.58	--	92.94	--	270	170	--	--	--	--	--	--	--	--	--	
	09/28/07	6.27	--	93.25	<50	310	240	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	
	12/06/07	6.95	--	92.57	<50	1,200	580	0.6	<0.7	<0.8	<0.8	--	--	--	--	--	
	03/28/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/27/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/03/08	Unable to locate well.															
	01/06/09	Unable to locate well.															
	03/24/09	6.08	--	93.44	<50.0	88	<420	<1.0	<1.0 ¹	<1.0	<1.0	<1.0	--	--	--	--	--
	06/09/09	7.08	0.00	92.44	<50.0	<79	<400	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0	
	09/02/09	7.90	0.00	91.62	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
	11/19/09	5.01	0.00	94.51	<50.0	92.3	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
	03/18/10	6.22	0.00	93.30	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
	06/08/10	6.06	0.00	93.46	<50.0	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
	09/08/10	7.42	0.00	92.10	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
	12/22/10	5.30	0.00	94.22	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
	03/30/11	Obstructed by Vehicle															
	05/25/11	6.02	0.00	93.50	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
	07/19/11	7.01	0.00	92.51	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	
10/26/11	7.49	0.00	92.03	--	--	--	--	--	--	--	--	--	--	--	--		
02/17/12	6.30	0.00	93.22	<50	190	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--		
05/14/12	6.50	0.00	93.02	<50	280	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--		
07/18/12	7.31	0.00	92.21	<50	42	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--		
10/12/12	8.16	0.00	91.36	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--		
01/04/13	5.50	0.00	94.02	<50	370	230	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--		
04/10/13	5.17	0.00	94.35	Removed from sampling program.													
07/17/13	7.71	0.00	91.81	Removed from sampling program.													
10/23/13	7.56	0.00	91.96	Removed from sampling program.													
MW-6 99.67	02/25/91	5.69	--	93.98	<49	511	291 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	
	10/19/92	7.64	--	92.03	<50	512	292 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	

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MW-6 (cont.)	08/26/93	6.33	--	93.34	<51	513	293 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/13/94	7.90	--	91.77	<52	514	294 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	04/25/95	5.63	--	94.04	<53	515	295 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	07/12/95	--	--	--	<54	516	296 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/12/95	6.50	--	93.17	<55	517	297 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	01/22/96	5.08	--	94.59	<56	518	298 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	04/10/96	5.73	--	93.94	<57	519	299 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	07/29/96	5.55	--	94.12	<58	520	300 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/25/96	6.25	--	93.42	<59	521	301 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/05/97	5.09	--	94.58	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--
	03/05/97 ¹	5.52	--	94.15	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--
	06/19/97 ¹	5.52	--	94.15	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--
	09/16/97 ¹	6.35	--	93.32	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--
	12/18/97	5.72	--	93.95	<50.0	269	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/11/98	5.25	--	94.42	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/24/98	6.23	--	93.44	<50.0	257	<750	<0.500	<0.500	0.580	1.86	--	--	--	--	--
	09/18/98	6.44	--	93.23	<50.0	2,320	1,300	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	12/14/98	4.62	--	95.05	<50.0	<250	<750	<0.500	<0.500	<0.500	1.06	--	--	--	--	--
	03/26/99	4.59	--	95.08	<50.0	<250	775	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/23/99	5.88	--	93.79	<50.0	363	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/23/99	6.59	--	93.08	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	12/06/99	5.39	--	94.28	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/13/00	5.37	--	94.30	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/28/00	6.04	--	93.63	<50.0	355	<974	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/13/00	6.61	--	93.06	<50.0	<250	<550	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/27/01	5.42	--	94.25	<50.0	364	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/22/01	5.52	--	94.15	<50.0	297	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/19/01	5.92	--	93.75	<50.0	678	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	12/26/01	5.12	--	94.55	<50.0	467	587	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/15/02	5.15	--	94.52	<50.0	313	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/27/02	8.67	--	91.00	<100	494	<500	1.60	<2.00	<1.00	<1.50	--	--	--	--	--
	03/28/03	5.28	--	94.39	<50.0	<298	<595	<0.500	2.26	<0.500	1.62	--	--	--	--	--
	09/22/03	6.20	--	93.47	<50.0	<287	<575	0.527	1.40	<0.500	3.56	--	--	--	--	--
	03/24/04	6.18	--	93.49	<100	<118	<237	<1	<1	<1	<2	--	--	--	--	--
	09/30/04	7.98	--	91.69	<50	<249	<498	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	03/28/05	7.30	--	92.37	<100	<284	<568	<1	<1	<1	<2	--	--	--	--	--
	06/27/05	7.58	--	92.09	<100	710	582	<1	<1	<1	<2	--	--	--	--	--
	09/27/05	8.39	--	91.28	<48	970 ^{3,4}	1,000 ⁴	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Concentrations Reported in pg/L																
Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-6 (cont.)	12/16/05	7.90	--	91.77	<48	130 ³	140	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/02/06	7.27	--	92.40	<48	86 ³	250	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
100.19	09/08/06	8.23	--	91.44	<48	330 ³	470	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/28/06	5.51	--	94.68	<48	120	400	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/21/07	6.52	--	93.67	--	164	448	--	--	--	--	--	--	--	--	--
	06/27/07	7.57	--	92.62	--	110	<98	--	--	--	--	--	--	--	--	--
	09/28/07	8.06	--	92.13	<50	400	390	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	Obstructed by Telephone Pole														
	03/28/08	6.90	--	93.29	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	05/27/08	Obstructed by Vehicle														
	09/03/08	Obstructed by Vehicle														
	01/06/09	6.89	--	93.30	<50	46	<69	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/24/09	7.30	--	92.89	<50.0	<84	<420	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/09/09	8.02	0.00	92.17	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0
	09/02/09	Not gauged or sampled.														
	11/19/09	Not gauged or sampled.														
	03/18/10	7.40	0.00	92.79	Not Sampled.											
	06/08/10	7.39	0.00	92.80	Not Sampled.											
	09/08/10	Inaccessible due to construction activities.														
	12/22/10	Inaccessible due to construction activities.														
	03/30/11	Inaccessible due to construction activities.														
	05/25/11	Inaccessible due to construction activities.														
	07/19/11	Inaccessible due to construction activities.														
	10/26/11	8.12	0.00	92.07	--	--	--	--	--	--	--	--	--	--	--	--
	02/17/12	7.66	0.00	92.53	<50	37	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	05/14/12	7.30	0.00	92.89	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	07/18/12	8.13	0.00	92.06	<50	53	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	10/12/12	9.00	0.00	91.19	<50	55	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
01/04/13	7.20	0.00	92.99	<50	200	180	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	
04/10/13	6.84	0.00	93.35	Removed from sampling program.												
07/17/13	8.36	0.00	91.83	Removed from sampling program.												
10/23/13	8.18	0.00	92.01	Removed from sampling program.												
MW-7 98.50	02/25/91	4.33	--	94.17	--	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/19/92	5.98	--	92.52	<1,000	620	--	<0.5	<0.7	<0.8	<0.8	--	--	--	<5	--
	08/26/93	6.16	--	92.34	<100	<250	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	<3	--
	10/13/94	6.56	--	91.94	<50	540	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	110	--
	04/25/95	4.45	--	94.05	<50	<250	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	07/12/95	--	--	--	<50	2,000	2,100	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	10/12/95	4.90	--	93.60	<50	<250	950	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-7 (cont.)	01/22/96	3.89	--	94.61	<50	520	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	04/10/96	4.63	--	93.87	<50	<250	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	07/29/96	4.55	--	93.95	<50	<250	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/25/96	4.98	--	93.52	<50	<250	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/03/06	6.39	--	92.11	<48	<78	250	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/05/97	3.94	--	94.56	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	03/05/97 ¹	3.94	--	94.56	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	06/19/97 ¹	4.57	--	93.93	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	09/16/97 ¹	5.29	--	93.21	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	12/18/97	4.43	--	94.07	<50.0	357	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/11/98	4.05	--	94.45	<50.0	<250	<750	0.875	<0.500	<0.500	<1.00	--	--	--	--	--
	06/24/98	4.91	--	93.59	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/18/98	5.67	--	92.83	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	12/14/98	3.57	--	94.93	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/26/99	3.44	--	95.06	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/23/99	4.91	--	93.59	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/23/99	5.76	--	92.74	<50.0	<250	<750	5.02	<0.500	<0.500	<1.00	--	--	--	--	--
	12/06/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/13/00	4.27	--	94.23	<50.0	<455	<1,370	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/28/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/13/00	5.86	--	92.64	<50.0	264	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/27/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/22/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/19/01	Obstructed by Vehicle														
	12/26/01	4.15	--	94.35	<50.0	<250	<500	<0.500	0.558	<0.500	<1.00	--	--	--	--	--
	03/15/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/27/02	7.13	--	91.37	100	674	<575	10.9	3.33	1.42	5.39	--	--	--	--	--
	03/28/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/22/03	5.45	--	93.05	<50.0	<294	<588	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/24/04	4.83	--	93.67	--	--	--	--	--	--	--	--	--	--	--	--
	09/30/04	6.61	--	91.89	<50	<245	<491	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	03/28/05	4.92	--	93.58	<100	<246	<492	<1	<1	<1	<2	--	--	--	--	--
	06/27/05	6.13	--	92.37	<200	268	710	<2	<2	<2	<4	--	--	--	--	--
	09/27/05	7.15	--	91.35	<48	1,100 ^{4,3}	2,800 ⁴	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	12/16/05	6.57	--	91.93	<48	160 ³	300	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/03/06	4.95	--	93.55	<48	250 ³	650	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/02/06	--	--	--	Obstructed by vehicles and surface water											
	09/08/06	6.88	--	91.62	<48	200 ³	570	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--

TABLE 1
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76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-7 (cont.) 99.29	12/28/06	--	--	--	Obstructed by vehicles and surface water											
	03/21/07	--	--	--	Submerged											
	06/27/07	6.05	--	92.45	--	<79	150	--	--	--	--	--	--	--	--	--
	09/28/07	5.91	--	93.38	<50	520	490	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/28/08	Well submerged														
	05/27/08	5.76	--	93.53	<50	220	320	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	09/03/08	Obstructed by Vehicle														
	01/06/09	Well submerged														
	03/24/09	Well submerged														
	06/09/09	6.58	0.00	92.71	<50.0	160	580	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	3.5
	09/02/09	7.50	0.00	91.79	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	11/19/09	Well submerged														
	03/18/10	5.68	0.00	93.61	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	06/08/10	5.48	0.00	93.81	<50.0	130	607	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	09/08/10	5.35	0.00	93.94	<50.0	113	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	12/22/10	Well submerged														
	03/30/11	Well submerged														
	05/25/11	5.57	0.00	93.72	<50.0	133	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	07/19/11	6.59	0.00	92.70	<50.0	79.9	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	10/26/11	7.22	0.00	92.07	--	71	190	--	--	--	--	--	--	--	--	--
	02/17/12	5.70	0.00	93.59	<50	43	89	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	05/14/12	6.11	0.00	93.18	<50	44	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	07/18/12	6.80	0.00	92.49	<50	97	280	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	10/12/12	7.80	0.00	91.49	<50	110	210	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	01/04/13	Unable to locate well.														
	04/10/13	5.13	0.00	94.16	Removed from sampling program.											
	07/17/13	7.23	0.00	92.06	Removed from sampling program.											
	10/23/13	6.94	0.00	92.35	Removed from sampling program.											
MW-8 98.96	02/25/91	5.44	--	93.06	--	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/19/92	7.17	--	91.33	4,900	330	--	<0.5	<0.7	<0.8	<0.8	--	--	--	<5	--
	08/26/93	6.91	--	91.59	7,500	660	--	<0.5	<0.7	<0.8	<0.8	--	--	--	<3	--
	10/13/94	7.40	--	91.10	2,200	740	1,200	<0.5	<0.7	<0.8	<0.8	--	--	--	4.6	--
	04/25/95	5.41	--	93.09	6,700	1,500	1,200	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	07/12/95	--	--	--	4,800	1,500	1,000	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	10/12/95	6.48	--	92.02	3,500	1,500	1,100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	01/22/96	5.10	--	93.40	2,500	2,500	1,000	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	04/10/96	5.63	--	92.87	2,300	2,000	750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	07/29/96	4.22	--	94.28	3,000	1,000	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--

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3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-8 (cont.) 98.96	10/25/96	6.03	--	92.47	3,500	<250	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/05/97	4.91	--	94.05	3,490	398	<750	3,970	<10.0	<10.0	<20.0	--	--	--	--	--
	03/05/97 ¹	4.91	--	94.05	7,730	375	<750	830	<5.0	11.5	<10.0	--	--	--	--	--
	06/19/97 ¹	5.46	--	93.50	6,220	621	<750	1,870	<12.5	13.1	<25.0	--	--	--	--	--
	09/16/97 ¹	6.28	--	92.68	3,310	292	<750	4,380	<10	11.5	<20	--	--	--	--	--
	12/18/97	5.53	--	93.43	2,890	1,650	<750	4,890	<25.0	<25.0	<50.0	--	--	--	--	--
	03/11/98	5.14	--	93.82	<2,500	1,370	<750	2,640	<25.0	<25.0	<50.0	--	--	--	--	--
	06/24/98	6.15	--	92.81	2,650	1,700	<750	2,230	<25.0	<25.0	<50.0	--	--	--	--	--
	09/18/98	6.56	--	92.40	1,940	<250	<750	779	<12.5	<12.5	<25.0	--	--	--	--	--
	12/14/98	Obstructed by surface water														
	03/26/99	--	--	--	1,340	1,300	<750	27.7	<2.50	<4.50	<8.50	--	--	--	--	--
	06/23/99	5.73	--	93.23	<2,500	1,110	<750	<25.0	<25.0	<25.0	<50.0	--	--	--	--	--
	09/23/99	6.52	--	92.44	1,420	1,020	<750	9.67	<2.00	<2.00	<7.00	--	--	--	--	--
	12/06/99	Obstructed by surface water														
	03/13/00	5.89	--	93.07	669	556	<750	30.4	<2.50	<2.50	5.52	--	--	--	--	--
	06/28/00	5.18	--	93.78	<250	--	--	148	<2.50	<2.50	<5.00	--	--	--	--	--
	09/13/00	7.29	--	91.67	428	1,390	1,380	<1.42	<0.770	<1.35	<2.84	--	--	--	--	--
	03/27/01	2.53	--	96.43	451	8,830	788	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/22/01	2.19	--	96.77	<50.0	1,180	1,210	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/19/01 ¹	6.90	--	92.06	<50.0	1,420	<500	0.994	0.580	0.552	1.59	--	--	--	--	--
	12/26/01	5.70	--	93.26	99.4	4,010	602	0.839	0.665	<0.500	1.32	--	--	--	--	--
	03/15/02	5.62	--	93.34	958	1,520	<500	3.94	0.929	2.08	8.27	--	--	--	--	--
	09/27/02	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/28/03 ¹	4.41	--	94.55	290	<312	<625	7.84	47.6	7.05	36.6	--	--	--	--	--
	09/22/03	5.45	--	93.51	<50.0	<284	<568	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/24/04	3.25	--	95.71	<100	774	2,860	<1	<1	<1	<2	--	--	--	--	--
	09/30/04	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/28/05	Unable to locate well.														
100.41	04/21/05 ²	7.92	--	91.04	<200	<341	<681	<2	<2	<2	<4	--	--	--	--	--
	06/27/05	8.43	--	90.53	<100	<261	<522	<1	<1	<1	<2	--	--	--	--	--
	09/27/05	9.08	--	89.88	<48	3,800 ^{3,4}	7,200 ⁴	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	12/13/05	8.67	--	90.29	<48	87 ³	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/03/06	7.40	--	91.56	<48	160 ³	510	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/02/06	8.09	--	90.87	<48	300 ³	650	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	09/07/06	8.89	--	90.07	<48	680 ³	1,200	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/28/06	11.50	--	88.91	<48	<150	360	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/21/07	7.44	--	92.97	--	<820	2,639	--	--	--	--	--	--	--	--	--

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3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-8 (cont.)	06/27/07	8.30	--	92.11	--	230	270	--	--	--	--	--	--	--	--	--
	09/28/07	8.74	--	91.67	<50	420	610	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	Obstructed by trailer steps														
	03/28/08	Obstructed by trailer steps														
	05/27/08	Obstructed by trailer steps														
	09/03/08	Obstructed by trailer steps														
	01/06/09	Obstructed by trailer steps														
	03/24/09	7.61	--	92.80	199	1,900	3,200	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/09/09	8.32	0.00	92.09	1,120	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	--	--
	09/02/09	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/09	7.54	0.00	92.87	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	03/18/10	7.98	0.00	92.43	<50.0	<101	<506	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	06/08/10	8.14	0.00	92.27	<50.0	<121	<606	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	09/08/10	9.05	0.00	91.36	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	12/22/10	7.21	0.00	93.20	<50.0	<114	<571	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	03/30/11	7.84	0.00	92.57	<50.0	301	<976 ³	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	05/25/11	7.81	0.00	92.60	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	07/19/11	8.58	0.00	91.83	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	10/26/11	9.18	0.00	91.23	--	<29	<67	--	--	--	--	--	--	--	--	--
	02/17/12	8.61	0.00	91.80	<50	43	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	05/14/12	8.56	0.00	91.85	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	07/18/12	9.30	0.00	91.11	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	10/12/12	9.62	0.00	90.79	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	01/04/13	8.22	0.00	92.19	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	04/10/13	8.49	0.00	91.92	Removed from sampling program.											
	07/17/13	9.23	0.00	91.18	Removed from sampling program.											
	10/23/13	9.20	0.00	91.21	Removed from sampling program.											
MW-9 98.66	02/25/91	4.55	--	94.41	--	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/19/92	6.47	--	92.49	5,800	35,000	--	<0.5	<0.7	<0.8	<0.8	--	--	--	<5	--
	08/26/93	6.48	--	92.48	6,800	4,400	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	<3	--
	10/13/94	7.00	--	91.96	2,700	4,100	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	7.9	--
	04/25/95	4.70	--	94.26	6,300	2,500	1,000	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	07/12/95	--	--	--	1,600	2,600	1,300	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	10/12/95	5.15	--	93.81	4,600	8,800	6,000	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	01/22/96	4.06	--	94.90	4,000	9,200	1,900	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	04/10/96	4.86	--	94.10	3,800	3,000	1,000	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	07/29/96	4.71	--	94.25	1,600	990	890	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/25/96	5.22	--	93.74	2,100	1,910	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/05/97	4.11	--	94.55	1,030	22,400	2,240	49.4	<0.50	15.6	<1.0	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-9 (cont.)	03/05/97 ¹	4.11	--	94.55	2,120	8,150	1,060	48.4	<1.0	17.9	2.11	--	--	--	--	--
	06/19/97 ¹	4.78	--	93.88	710	1,450	<750	104	<2.5	13.6	5.14	--	--	--	--	--
	09/16/97 ¹	5.59	--	93.07	778	459	<750	664	6.27	2.27	4.61	--	--	--	--	--
	12/18/97	4.61	--	94.05	1,850	26,000	4,010	59.7	2.82	<2.50	<5.00	--	--	--	--	--
	03/11/98	4.19	--	94.47	215	2,180	<750	12.5	<0.500	0.761	<1.00	--	--	--	--	--
	06/24/98	5.04	--	93.62	383	603	<750	155	3.68	<2.50	<5.00	--	--	--	--	--
	09/18/98	6.02	--	92.64	443	1,090	<750	188	<2.50	<2.50	6.45	--	--	--	--	--
	12/14/98	3.94	--	94.72	377	2,670	<750	3.27	0.650	0.812	1.05	--	--	--	--	--
	03/26/99	3.61	--	95.05	257	4,150	820	1.66	1.04	<0.600	2.31	--	--	--	--	--
	06/23/99	5.11	--	93.55	123	4,040	<750	75.5	0.693	<0.500	<1.00	--	--	--	--	--
	09/23/99	6.08	--	92.58	279	765	<750	31.4	1.35	0.549	3.77	--	--	--	--	--
	12/06/99	3.97	--	94.69	231	2,230	<750	6.73	1.46	<0.500	<1.00	--	--	--	--	--
	03/13/00	4.67	--	93.99	<250	5,030	<750	5.62	<2.50	<2.50	<5.00	--	--	--	--	--
	06/28/00	5.26	--	93.40	<50	1,660	<750	29.4	0.770	<0.500	<1.00	--	--	--	--	--
	09/13/00	6.30	--	92.36	102	1,270	<750	<1.40	<0.500	<0.500	<1.00	--	--	--	--	--
	03/27/01	Obstructed by Vehicle														
	06/22/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/19/01	Obstructed by Vehicle														
	12/26/01	Obstructed by Vehicle														
	03/15/02	4.20	--	94.46	<50.0	1,060	<625	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/27/02	7.80	--	90.86	<100	1,510	<500	2.41	<2.00	<1.00	<1.50	--	--	--	--	--
	03/28/03	4.48	--	94.18	277	542	<575	5.66	42.7	7.07	38.4	--	--	--	--	--
99.38	09/22/03	Obstructed by Vehicle														
	03/24/04	5.07	--	93.59	<100	<124	<248	<1	<1	<1	<2	--	--	--	--	--
	09/30/04	7.61	--	91.05	<50	<246	<492	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	03/28/05	5.19	--	93.47	<100	<245	<489	<1	<1	<1	<2	--	--	--	--	--
	06/27/05	6.72	--	91.94	<100	596	492	<1	<1	<1	<2	--	--	--	--	--
	09/27/05	7.68	--	90.98	<48	1,100 ^{3,4}	610 ⁴	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	12/16/05	7.17	--	91.49	<48	480 ³	240	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/03/06	5.19	--	93.47	<48	480	260	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/02/06	5.38	--	93.28	<48	660 ³	1,400	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	09/07/06	7.48	--	91.18	<48	610 ³	480	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/28/06	4.3	--	95.08	<48	130	<100	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/21/07	5.09	--	94.29	<48	563	319	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/27/07	6.60	--	92.78	--	1,600	380	--	--	--	--	--	--	--	--	--
	09/28/07	6.53	--	92.85	<50	810	460	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	5.03	--	94.35	<50	140	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/28/08	Obstructed by Vehicle														

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-9 (cont.)	05/27/08	Obstructed by Vehicle														
	09/03/08	Obstructed by Vehicle														
	01/06/09	5.15	--	94.23	<50	88	<68	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/24/09	6.21	--	93.17	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/09/09	6.94	0.00	92.44	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	2.0	<0.010	<1.0	<1.0	1.2
	09/02/09	8.00	0.00	91.38	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	11/19/09	5.06	0.00	94.32	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	03/18/10	6.19	0.00	93.19	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	06/08/10	6.10	0.00	93.28	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	09/08/10	7.43	0.00	91.95	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	12/22/10	5.26	0.00	94.12	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	03/30/11	5.28	0.00	94.10	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	05/25/11	5.97	0.00	93.41	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	07/19/11	7.04	0.00	92.34	<50.0	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	10/26/11	7.58	0.00	91.80	--	--	--	--	--	--	--	--	--	--	--	--
	02/17/12	7.02	0.00	92.36	<50	190	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	05/14/12	6.69	0.00	92.69	<50	88	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	07/18/12	7.49	0.00	91.89	<50	33	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	10/12/12	8.30	0.00	91.08	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	01/04/13	5.50	0.00	93.88	<50	52	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
MW-10 99.62	04/10/13	5.81	0.00	93.57	Removed from sampling program.											
	07/17/13	7.66	0.00	91.72	Removed from sampling program.											
	10/23/13	7.54	0.00	91.84	Removed from sampling program.											
	02/25/91	--	--	--	<49	<250	--	<0.5	<0.7	<0.8	<0.8	--	--	--	72	--
	10/19/92	7.52	--	91.14	<50	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	08/26/93	7.44	--	91.22	<51	<250	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	<3	--
	10/13/94	7.96	--	90.70	<52	280	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	25	--
	04/25/95	5.79	--	92.87	<53	45	990	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	07/12/95	--	--	--	<54	55	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	<2.0	--
	10/12/95	6.85	--	91.81	<55	420	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	01/22/96	5.82	--	92.84	<56	440	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	04/10/96	6.08	--	92.58	<57	300	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	07/29/96	5.24	--	93.42	<58	260	<750	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/25/96	--	--	--	<59	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/05/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/19/97 ¹	5.95	--	93.67	53	<250	<750	691	7.48	<5.0	20.3	--	--	--	--	--
	09/16/97 ¹	6.80	--	92.82	736	<250	<750	1,170	9.747	3.11	18.2	--	--	--	--	--
	12/18/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/11/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-10 (cont.)	06/24/98	6.64	--	94.54	301	376	<750	453	3.33	<2.50	6.74	--	--	--	--	--
	09/18/98	7.19	--	92.43	<1,000	292	<750	1,000	<10.0	<10.0	<20.0	--	--	--	--	--
	12/14/98	5.41	--	94.21	<1,000	363	<750	477	12.0	<10.0	29.2	--	--	--	--	--
	03/26/99	5.06	--	94.56	331	300	<750	261	3.32	<2.50	8.30	--	--	--	--	--
	06/23/99	6.23	--	93.39	89.0	289	<750	212	1.28	<0.500	2.26	--	--	--	--	--
	09/23/99	7.12	--	92.50	289	386	<750	459	2.68	0.877	7.58	--	--	--	--	--
	12/06/99	5.62	--	94.00	266	376	<750	190	2.63	<0.500	4.25	--	--	--	--	--
	03/13/00	5.73	--	93.89	139	280	<750	153	1.35	<0.500	4.22	--	--	--	--	--
	06/28/00	8.20	--	91.42	<50.0	283	<750	1.19	<0.500	<0.500	<1.00	--	--	--	--	--
	09/13/00	7.33	--	92.29	<50.0	3,780	<1,040	13.2	0.591	<0.500	1.62	--	--	--	--	--
	03/27/01	Flooded														
	06/22/01	7.57	--	92.05	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/19/01	9.39	--	90.23	<50.0	284	<500	<0.500	<0.500	<0.500	1.28	--	--	--	--	--
	12/26/01	Obstructed														
	03/15/02	Obstructed														
	09/27/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/28/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/22/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/04	4.83	--	94.79	--	--	--	--	--	--	--	--	--	--	--	--
	09/30/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/28/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/27/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/27/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/03/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/02/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/07/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
100.32	12/28/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/21/07	6.35	--	93.97	<48	<80	105	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/27/07	7.60	--	92.72	--	77	<96	--	--	--	--	--	--	--	--	--
	09/28/07	8.05	--	92.27	<50	160	360	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	5.90	--	94.42	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/28/08	6.49	--	93.83	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	05/27/08	7.22	--	93.10	<50	<76	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	09/03/08	7.58	--	92.74	<50	<78	<98	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	01/06/09	6.22	--	94.10	<50	<29	<68	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/24/09	7.12	--	93.20	<50.0	<82	<410	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/09/09	7.98	0.00	92.34	<50.0	<77	<380	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	4.4

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Concentrations Reported in pg/L																
Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-10 (cont.)	09/02/09	8.85	0.00	91.47	<50.0	<75.8	<379	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	11/19/09	6.72	0.00	93.60	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	03/18/10	7.49	0.00	92.83	Not Sampled											
	06/08/10	7.49	0.00	92.83	Not Sampled											
	09/08/10	Inaccessible due to construction activities.														
	12/22/10	6.60	0.00	93.72	Not Sampled											
	03/30/11	6.80	0.00	93.52	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	05/25/11	7.29	0.00	93.03	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	07/19/11	8.24	0.00	92.08	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	10/26/11	8.71	0.00	91.61	--	--	--	--	--	--	--	--	--	--	--	--
	02/17/12	Removed from monitoring program.														
MW-11 99.70	02/25/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/26/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/13/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/25/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/12/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/12/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/22/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/10/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/29/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/25/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/05/97	5.41	--	94.29	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	03/05/97 ¹	5.41	--	94.29	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	06/19/97 ¹	5.81	--	93.89	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	09/16/97 ¹	6.31	--	93.39	<50	<250	<750	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	12/18/97	6.21	--	93.49	<50.0	285	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/11/98	5.55	--	94.15	<50.0	297	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/24/98	6.32	--	93.38	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/18/98	6.35	--	93.35	<50.0	1,380	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	12/14/98	4.90	--	94.80	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/26/99	Obstructed by construction														
	06/23/99	Obstructed by construction														

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3460 First Avenue South, Seattle, Washington
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Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-11 (cont.)	12/06/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/13/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/28/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/13/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/22/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/19/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/26/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/15/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/27/02	Unable to locate well.														
	03/28/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/22/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/04	Unable to locate well.														
	09/30/04	Unable to locate well.														
	03/28/05	Well Destroyed														
MW-12 100.32	03/05/97	5.78	--	94.54	17,900	372	<750	652	727	15	1,610	--	--	--	--	--
	03/05/97 ¹	5.78	--	94.54	14,500	431	<750	637	<10.0	646	968	--	--	--	--	--
	06/19/97 ¹	6.45	--	93.87	14,900	556	<750	335	<10.0	525	557	--	--	--	--	--
	09/16/97 ¹	7.30	--	93.02	8,450	556	<750	585	<10.0	344	248	--	--	--	--	--
	12/18/97	6.48	--	93.84	9,390	1,490	916	490	10.8	362	565	--	--	--	--	--
	03/11/98	5.98	--	94.34	7,540	1,380	806	625	10.7	322	362	--	--	--	--	--
	06/24/98	7.15	--	93.17	2,490	1,260	<750	203	3.49	35.1	11.4	--	--	--	--	--
	09/18/98	7.49	--	92.83	848	<250	<750	88.8	0.583	22.0	16.5	--	--	--	--	--
	12/14/98	5.21	--	95.11	4,730	744	<750	229	5.81	245	196	--	--	--	--	--
	03/26/99	5.31	--	95.01	1,980	700	<750	73.7	2.66	<87.0	35.8	--	--	--	--	--
	06/23/99	6.71	--	93.61	<2,500	956	<750	77.8	<25.0	78.2	<50.0	--	--	--	--	--
	09/23/99	7.53	--	92.79	1,160	982	<750	13.2	0.940	1.07	2.54	--	--	--	--	--
	12/06/99	10.96	--	89.36	60.9	516	<750	1.00	<0.500	<0.500	<1.00	--	--	--	--	--
	03/13/00	5.80	--	94.52	378	890	<750	102	5.18	83.7	36.9	--	--	--	--	--
	06/28/00	6.40	--	93.92	<50.0	748	<750	10.6	<0.500	<0.500	<1.00	--	--	--	--	--
	09/13/00	7.40	--	92.92	246	749	<921	2.93	<0.500	4.91	1.88	--	--	--	--	--
	03/27/01	5.80	--	94.52	<50.0	1,720	<750	1.42	<0.500	0.782	<1.00	--	--	--	--	--
	06/22/01	4.78	--	95.54	<50.0	1,680	<835	0.702	<0.500	0.808	<1.00	--	--	--	--	--
	09/19/01	6.98	--	93.34	52.0	786	611	0.517	<0.500	<0.500	1.20	--	--	--	--	--
	12/26/01	Obstructed														
	03/15/02	5.60	--	94.72	77.0	2,520	826	11.3	<0.500	1.37	1.35	--	--	--	--	--
	09/27/02	9.19	--	91.13	138	1,280	619	15.9	2.70	1.24	2.83	--	--	--	--	--

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					TPH-G	TPH-D	TPH-O	Benzene	Toluene									
MW-12 (cont.)	03/28/03	5.72	--	94.60	<50.0	645	<500	<0.500	0.602	<0.500	<1.00	--	--	--	--	--		
	09/22/03	6.73	--	93.59	<50.0	<312	<625	1.46	<0.500	<0.500	<1.00	--	--	--	--	--		
	03/24/04	6.83	--	93.49	<100	<118	<236	2.12	<1	<1	<2	--	--	--	--	--		
	09/30/04	8.65	--	91.67	<50	<248	<496	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--		
	03/28/05	7.68	--	92.64	<100	<253	<506	3.18	<1	<1	<2	--	--	--	--	--		
	06/27/05	8.12	--	92.20	<100	<246	<492	5.49	<1	<1	<2	--	--	--	--	--		
	09/27/05	8.9	--	91.42	<48	490 ³	330	2.0	<0.5	<0.5	<0.5	--	--	--	--	--		
	12/16/05	8.44	--	91.88	<48	640 ³	450	3.0	<0.7	<0.8	<0.8	--	--	--	--	--		
	03/03/06	6.95	--	93.37	<48	520	230	3.0	<0.7	<0.8	<0.8	--	--	--	--	--		
100.70	06/02/06	7.77	--	92.55	<48	1,800 ³	1,000	2.0	<0.7	<0.8	<0.8	--	--	--	--	--		
	09/07/06	8.77	--	91.55	<48	1,300 ³	730	2.0	<0.7	<0.8	<0.8	--	--	--	--	--		
	12/28/06	6.33	--	94.37	<48	3,700	1,100	2.0	<0.7	<0.8	<0.8	--	--	--	--	--		
	03/21/07	7.19	--	93.51	--	1,406	748	--	--	--	--	--	--	--	--	--		
	06/27/07	8.15	--	92.55	--	800	300	--	--	--	--	--	--	--	--	--		
	09/28/07	8.63	--	92.07	<50	800	670	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--		
	12/06/07	Unable to locate well.																
	03/28/08	7.48	--	93.22	<50	250	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--		
	05/27/08	8.02	--	92.68	<50	<540	<180	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--		
	09/03/08	8.20	--	92.50	<50	960	<97	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--		
	01/06/09	7.34	--	93.36	<50	420	120	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--		
	03/24/09	7.91	--	92.79	<50.0	<84	<420	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--		
	06/09/09	8.50	0.00	92.20	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	6.0	<0.010	<1.0	<1.0	<1.0		
	09/02/09	9.35	0.00	91.35	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--		
	11/19/09	7.40	0.00	93.30	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--		
	03/18/10	8.00	0.00	92.70	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--		
	06/08/10	8.03	0.00	92.67	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--		
	09/08/10	9.38	0.00	91.32	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--		
	12/22/10	7.34	0.00	93.36	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--		
	03/30/11	7.41	0.00	93.29	<50.0	92.8	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--		
05/25/11	7.63	0.00	93.07	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--			
07/19/11	8.59	0.00	92.11	<50.0	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--			
10/26/11	8.95	0.00	91.75	--	--	--	--	--	--	--	--	--	--	--	--			
02/17/12	8.09	0.00	92.61	<50	540	240	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			
05/14/12	8.04	0.00	92.66	<50	630	210	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			
07/18/12	8.73	0.00	91.97	<50	430	240	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			
10/12/12	9.50	0.00	91.20	<50	400	200	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			
01/04/13	7.71	0.00	92.99	<50	480	650	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			
04/10/13	8.17	0.00	92.53	<50	510	580	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			
07/17/13	9.11	0.00	91.59	<50	370	250	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			
10/23/13	9.05	0.00	91.65	<50	520	490	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--			

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MW-13 100.24	06/24/98	7.80	--	92.44	815	802	<750	<2.50	<2.50	<2.50	<5.00	--	--	--	--	--
	09/18/98	8.16	--	92.08	889	1,130	<750	<2.25	<1.25	<1.25	3.51	--	--	--	--	--
	12/14/98	6.75	--	93.49	853	508	<750	1.68	0.640	<0.500	3.43	--	--	--	--	--
	03/26/99	6.30	--	93.94	685	839	<750	<2.50	1.25	<1.75	4.38	--	--	--	--	--
	06/23/99	7.36	--	92.88	365	927	<750	0.810	<0.500	0.717	1.98	--	--	--	--	--
	09/23/99	--	--	--	859	1,360	<750	<2.00	<1.00	<0.500	<4.00	--	--	--	--	--
	12/06/99	7.15	--	93.09	873	1,010	<750	<0.500	<2.20	<0.900	<2.80	--	--	--	--	--
	03/13/00	6.95	--	93.29	632	960	<750	<5.00	<5.00	<5.00	<10.00	--	--	--	--	--
	06/28/00	7.66	--	92.58	<250	813	<750	526	<2.50	<2.50	6.16	--	--	--	--	--
	09/13/00	8.25	--	91.99	240	688	<750	<0.730	<0.500	<0.500	<1.43	--	--	--	--	--
	03/27/01	7.35	--	92.89	151	1,690	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/22/01	7.48	--	92.76	93.9	261	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/19/01	7.76	--	92.48	97.7	615	<500	<0.500	<0.500	<0.500	1.11	--	--	--	--	--
	12/26/01	6.75	--	93.49	99.2	983	<500	<0.500	1.20	<0.500	2.79	--	--	--	--	--
	03/15/02	6.76	--	93.48	101	1,670	<500	0.502	<0.500	<0.500	1.28	--	--	--	--	--
	09/27/02	9.89	--	90.35	<100	954	<500	2.35	<2.00	<1.00	<1.50	--	--	--	--	--
	03/28/03	5.50	--	94.74	110	343	<500	1.33	6.86	1.02	5.45	--	--	--	--	--
	09/22/03	7.39	--	92.85	<50.0	<294	<588	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/24/04	7.95	--	92.29	<100	<125	<251	<1	<1	<1	<2	--	--	--	--	--
	09/30/04	9.69	--	90.55	<50	<248	<497	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	03/28/05	9.35	--	90.89	<100	<250	<501	<1	<1	<1	<2	--	--	--	--	--
	06/27/05	9.65	--	90.59	<100	<248	<496	<1	<1	<1	<2	--	--	--	--	--
	09/27/05	10.11	--	90.13	<48	280 ³	160	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	12/13/05	9.89	--	90.35	<48	170 ³	110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/03/06	8.81	--	91.43	<48	130	310	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/02/06	9.31	--	90.93	<48	190 ³	280	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	09/07/06	9.94	--	90.30	<48	100 ³	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
100.97	12/28/06	8.21	--	92.76	<48	<79	<99	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/21/07	9.00	--	91.97	--	<78	130	--	--	--	--	--	--	--	--	--
	06/27/07	9.50	--	91.47	--	<78	<97	--	--	--	--	--	--	--	--	--
	09/28/07	9.86	--	91.11	<50	<80	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	Unable to sample, permit and traffic control required'														
	03/28/08	Unable to sample, permit and traffic control required'														
	05/27/08	Unable to open.														
	09/03/08	9.40	--	91.57	<50	<78	<98	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	01/06/09	8.45	--	92.52	<50	<29	<68	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/24/09	8.73	--	92.24	<50.0	<82	<410	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--

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MW-13 (cont.)	06/09/09	9.50	0.00	91.47	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	1.9	<0.010	<1.0	<1.0	<1.0
	09/02/09	10.15	0.00	90.82	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	11/19/09	9.20	0.00	91.77	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	03/18/10	Inaccessible due to construction activities.														
	06/08/10	Not gauged or sampled.														
	09/08/10	Not gauged or sampled.														
	12/22/10	Not gauged or sampled.														
	03/30/11	Not gauged or sampled.														
	05/25/11	Not gauged or sampled.														
	07/19/11	Not gauged or sampled.														
	10/26/11	Not gauged or sampled.														
	02/17/12	Inaccessible due to construction activities.														
	Well Decommissioned in March 2012															
MW-14 99.94	06/24/98	7.60	--	92.34	2,230	505	<750	422	<10.0	<10.0	<20.0	--	--	--	--	--
	09/18/98	8.03	--	91.91	1,500	748	<750	75.4	<2.50	<2.50	13.3	--	--	--	--	--
	12/14/98	6.68	--	93.26	1,590	597	<750	182	<2.50	<2.50	9.39	--	--	--	--	--
	03/26/99	6.20	--	93.74	1,190	752	<750	5.53	<0.500	<0.900	4.84	--	--	--	--	--
	06/23/99	7.15	--	92.79	1,160	464	<750	21.1	<2.50	<2.50	<5.00	--	--	--	--	--
	09/23/99	7.91	--	92.03	2,950	512	<750	20.2	<1.00	<2.00	<8.00	--	--	--	--	--
	12/06/99	6.90	--	93.04	2,740	623	<750	27.0	0.503	<1.00	5.62	--	--	--	--	--
	03/13/00	6.74	--	93.20	1,780	669	<750	105	0.503	1.09	5.04	--	--	--	--	--
	06/28/00	7.47	--	92.47	<50.0	780	<750	2.09	<0.500	<0.500	<1.00	--	--	--	--	--
	09/13/00	8.10	--	91.84	1,410	1,060	<872	<0.570	<0.500	<0.600	<3.50	--	--	--	--	--
	03/27/01	7.23	--	92.71	484	1,410	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	06/22/01	7.41	--	92.53	350	--	--	<0.500	0.534	<0.500	1.58	--	--	--	--	--
	09/19/01	7.85	--	92.09	247	1,990	<577	<0.500	<0.500	<0.500	1.60	--	--	--	--	--
	12/26/01	6.66	--	93.28	146	1,970	<500	1.42	2.15	0.860	4.27	--	--	--	--	--
	03/15/02	6.65	--	93.29	107	855	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/27/02	9.56	--	90.38	<100	525	<500	2.73	<2.00	<1.00	<1.50	--	--	--	--	--
	03/28/03	6.21	--	93.73	76.5	<250	<500	1.08	6.09	1.01	5.33	--	--	--	--	--
	09/22/03	7.11	--	92.83	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/24/04	7.53	--	92.41	<100	<125	<250	<1	<1	<1	<2	--	--	--	--	--
	09/30/04	9.31	--	90.63	<50	<252	<504	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--
	03/28/05	8.91	--	91.03	<100	<267	<534	<1	<1	<1	<2	--	--	--	--	--
	06/27/05	9.29	--	90.65	<100	<251	<501	<1	<1	<1	<2	--	--	--	--	--
	09/27/05	9.79	--	90.15	<48	230 ⁻¹	220	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	12/13/05	9.56	--	90.38	<48	87 ⁻³	110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Concentrations Reported in µg/L																
Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-14 (cont.)	03/03/06	8.37	--	91.57	<48	93	230	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/02/06	8.89	--	91.05	<48	<78	190	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
100.58	09/07/06	9.55	--	90.39	<48	120 ³	110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/28/06	7.50	--	93.08	<48	<80	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/21/07	8.39	--	92.19	--	<160	516	--	--	--	--	--	--	--	--	--
	06/27/07	8.98	--	91.60	--	100	160	--	--	--	--	--	--	--	--	--
	09/28/07	9.38	--	91.20	<50	<78	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	Unable to sample, permit and traffic control required														
	03/28/08	Unable to sample, permit and traffic control required														
	05/27/08	8.50	--	92.08	<50	<400	<500	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	09/03/08	8.90	--	91.68	<50	<78	<98	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	01/06/09	7.88	--	92.70	<50	41	<68	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/24/09	8.20	--	92.38	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/09/09	9.12	0.00	91.46	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	1.7	<0.010	<1.0	<1.0	<1.0
	09/02/09	9.77	0.00	90.81	<50.0	<77.3	<386	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	11/19/09	Not gauged or sampled.														
	03/18/10	Not gauged or sampled.														
	06/08/10	Not gauged or sampled.														
	09/08/10	Not gauged or sampled.														
	12/22/10	Not gauged or sampled.														
	03/30/11	Not gauged or sampled.														
	05/25/11	Not gauged or sampled.														
	07/19/11	Not gauged or sampled.														
	10/26/11	Not gauged or sampled.														
	02/17/12	Inaccessible due to construction activities.														
Well Decommissioned in March 2012																
MW-15 99.29	06/24/98	6.52	--	92.77	74.0	477	<750	14.1	1.03	0.566	1.72	--	--	--	--	--
	09/18/98	7.06	--	92.23	<50.0	646	<750	10.5	0.676	<0.500	2.32	--	--	--	--	--
	12/14/98	5.78	--	93.51	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/26/99	5.42	--	93.87	59.8	344	<750	2.86	1.90	1.93	3.28	--	--	--	--	--
	06/23/99	6.15	--	93.14	<50.0	<250	<750	0.672	<0.500	<0.500	<1.00	--	--	--	--	--
	09/23/99	6.90	--	92.39	<50.0	1,240	<750	1.44	<0.500	<0.500	1.57	--	--	--	--	--
	12/06/99	5.95	--	93.34	<50.0	<250	<750	0.951	<0.500	<0.500	1.01	--	--	--	--	--
	03/13/00	5.74	--	93.55	<50.0	<455	<1,330	5.81	<0.500	1.05	3.77	--	--	--	--	--
	06/28/00	6.41	--	92.88	973	<250	<750	1,670	<5.00	256	37.0	--	--	--	--	--
	09/13/00	7.05	--	92.24	<50.0	633	<750	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	03/27/01	6.30	--	92.99	<50.0	343	<750	0.522	0.524	0.598	2.08	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

Well ID/TOC	Sample Date	DTW (feet)	LPH (feet)	GWE (feet)	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDB	EDC	Dissolved Lead	Total Lead
MW-15 (cont.)	06/22/01	6.46	--	92.83	<50.0	588	1,640	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
	09/19/01	6.90	--	92.39	<50.0	497	<500	<0.500	0.556	1.19	3.17	--	--	--	--	--
	12/26/01	5.68	--	93.61	<50.0	578	<500	0.713	1.48	0.522	2.50	--	--	--	--	--
	03/15/02	Obstructed														
	09/27/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/28/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/22/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/24/04	6.02	--	93.27	<100	<132	<264	<1	<1	<1	<2	--	--	--	--	--
	09/30/04	9.08	--	90.21	--	--	--	--	--	--	--	--	--	--	--	--
	03/28/05	7.45	--	91.84	<100	<334	<668	<1	<1	<1	<2	--	--	--	--	--
	06/27/05	7.84	--	91.45	<100	483	<640	<1	<1	<1	<2	--	--	--	--	--
	09/27/05	8.23	--	91.06	<48	450 ³	420	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	12/13/05	8.23	--	91.06	<48	270 ^{2,3}	300	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/03/06	6.88	--	92.41	<48	900 ^{3,4}	2,900 ³	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	06/02/06	7.41	--	91.88	<48	<76	260	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	09/07/06	8.12	--	91.17	<48	300 ³	470	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
99.97	12/28/06	5.99	--	93.98	<48	<84	460	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/21/07	6.40	--	93.57	--	200	732	--	--	--	--	--	--	--	--	--
	06/27/07	7.16	--	92.81	--	<86	<110	--	--	--	--	--	--	--	--	--
	09/28/07	7.63	--	92.34	<50	230	270	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	12/06/07	6.07	--	93.90	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	03/28/08	6.15	--	93.82	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	05/27/08	6.79	--	93.18	<50	<75	<94	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	09/03/08	7.15	--	92.82	<50	90	100	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	01/06/09	4.79	--	95.18	<50	<29	<69	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--
	03/24/09	6.98	--	92.99	<50.0	<84	<420	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	06/09/09	7.93	0.00	92.04	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	<1.0	<1.0
	09/02/09	Removed from monitoring program.														
MTCA Method A Cleanup Levels:					800	500	500	5	1,000	700	1,000	20	0.01	5	15	15
Current Method:					NWTPH-Gx	NWTPH-Dx		USEPA 8260B						USEPA 7421		

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
76 PRODUCTS FACILITY NO. 351443
3460 First Avenue South, Seattle, Washington
Concentrations reported in µg/L

EXPLANATIONS:

Analytical results in bold font indicate concentrations exceed MTCA Method A cleanup levels.

Groundwater monitoring data, top of casing elevations, and laboratory analytical results prior to January 17, 2012, provided by others.

* Estimated LPH thickness based on previous consultant data; actual values were not reported by previous consultant.

DTW = Depth to water

GWE = Groundwater table elevation relative to DTW data; corrected for LPH where applicable using a specific gravity of 0.80

LPH = Liquid-phase hydrocarbon thickness in feet

MRL = Method reporting limit

MTCA = Model Toxics Control Act

TOC = Top of casing elevation in feet, provided by previous consultants

TPH = Total Petroleum Hydrocarbons

TPH-D = TPH as diesel-range organics

TPH-G = TPH as gasoline-range organics

TPH-O = TPH as heavy oil-range organics

USEPA = United States Environmental Protection Agency

µg/L = micrograms per liter

<n = Below the reporting limit

"--" = Not measured, analyzed, sampled, or reported

NOTES:

1 Well was not purged prior to sample collection.

2 Well MW-8 was not located during 3/28/2005 event. Delta returned to the site on 4/21/2005, located, and monitored the well for 1Q05.

3 The observed sample pattern is not typical of #2 fuel/diesel.

4 Laboratory reporting limit raised. Refer to original laboratory report.

5 The laboratory MRL exceeds the MTCA Method A cleanup level. Insufficient volume of water collected to achieve standard MRL due to dry conditions.

Attachment A:
Groundwater Monitoring and Sampling Data Package

WELL GAUGING DATA

Project # 131023-LBI Date 10/23/13 Client CHEVRON

Site 3460 FIRST ST, SEATTLE WA

[illegible]

LOW FLOW WELL MONITORING DATA SHEET

Project #: 131023-LB1	Client: CHEVRON
Sampler: LB	Gauging Date: 10/28/13
Well I.D.: MW-12	Well Diameter (in.): 2 3 4 6 8
Total Well Depth (ft.): 11.77	Depth to Water (ft.): 9.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVS Grade	Flow Cell Type: YSI 85C

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0833 Flow Rate: 100 mL/min Pump Depth: 12'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0839	16.64	6.65	428	13	1.87	82.3	600	9.08
0842	16.67	6.87	440	10	1.84	77.4	900	9.11
0845	16.67	6.86	442	10	1.83	78.2	1200	9.13
0848	16.65	6.85	443	9	1.82	77.5	1500	9.15
0851	16.64	6.84	444	8	1.81	76.3	1800	9.16

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

Sampling Time: 0852 Sampling Date: 10/23/13

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

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

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

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

CHAIN OF CUSTODY FORM

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

ANALYSIS REQUIRED

[illegible]

WELLHEAD INSPECTION FORM

Client: CHEVRON Site: 3400 FIRST ST., SEATTLE, WA Date: 10/23/13
 Job #: 131023-LB1 Technician: L. BURES Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check Indicates deficiency										Well Not Inspected (explain in notes)	Notes (list if cap or lick replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)	
		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
MW-1	X													
MW-6	X													
MW-7	X													
MW-8						2 1/2								
MW-9	X													
MW-12						2 1/2								

NOTES: _____

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

SOURCE RECORD **BILL OF LADING**

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

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

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

CHEVRON # 35-1443 J. MARK INGLES
Chevron Project Manager

3460 FIRST ST SEATTLE WA
Street number street name city state

WELL I.D. GALS. WELL I.D. GALS.

<u>Mx-12</u>	<u>/</u>	<u>0.5</u>		<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	
	<u>/</u>			<u>/</u>	

added equip.
rinse water / 1.5

any other
adjustments /

TOTAL GALS.
RECOVERED 2.0

loaded onto
BTS vehicle # 88

BTS event # 121023-LB1 time 0915 date 12/23/13

signature [Signature]

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: CHEVRON

Date 10/23/13

Site Address: 3460 FIRST ST, SEATTLE

Job Number: 131023-LB1 Technician(s): L. BURES

Pre-Job Safety Review

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

Reviewed: ☒

2. Special Permit Required Task Review

Are there any conditions or tasks that would require:

Yes No

Confined space entry ☐ ☒

Working at height ☐ ☒

Lock-out/Tag-out ☐ ☒

Excavations greater than 4 feet deep ☐ ☒

Excavations within 3 feet of a buried active electrical line or product piping
or within 10 feet of a high pressure gas line. ☐ ☒

Use of overhead equipment within 15 feet of an overhead electrical power
line or pole supporting one ☐ ☒

Hot work ☐ ☒

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

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

Yes No

☐ ☒

If so is it in the folder? ☒ ☐

Is it current? ☒ ☐

Do you understand the Traffic Control Plan and what equipment you will need? ☒ ☐

On site Pre-Job Safety Review

1. Reviewed and signed the site specific HASP. ☒

2. Route to hospital understood. ☒

3. Reviewed "Groundwater Monitoring Well Sampling General Job Safety Analysis included in the HASP. ☒

4. Exceptional circumstances today that are not covered by the HASP, JSA or JMP have been addressed and mitigated. ☒

5. Understands procedure to follow, if site circumstances change, to address new site hazards. ☒

6. There are no unexpected conditions which would make your task a Special Permit Required Task. If there is, contact your Project Manager. ☒

7. All site hazards have been communicated to all necessary onsite personnel during tailgate safety meeting. ☒

8. After lunch tailgate safety meeting refresher conducted. ☒

If Checklist Task cannot be completed, explain:

Permit To Work Authority:

Name

Title

Date

Time

[Signature]

PM

7/11/13

0704

TEST EQUIPMENT CALIBRATION LOG

[illegible]

Attachment B:
Laboratory Analysis Report

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

November 05, 2013

Project: 351443

Submittal Date: 10/25/2013
Group Number: 1429191
PO Number: 0015135957
Release Number: SHRILL HOPKINS
State of Sample Origin: WA

• Client Sample Description

MW-12 NA Groundwater
QA NA Water

Lancaster Labs (LL) #

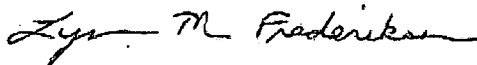
7252082
7252083

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

ELECTRONIC COPY TO Leidos
ELECTRONIC COPY TO Leidos
ELECTRONIC COPY TO Blaine Tech Services

Attn: Ron Santos
Attn: Kinga Kozlowska
Attn: Alex Stack

Respectfully Submitted,



Lynn M. Frederiksen
Principal Specialist Group Leader

(717) 556-7255



Lancaster Laboratories
Environmental

Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: MW-12 NA Groundwater
Facility# 351443
3460 First St - Seattle, WA

LL Sample # WW 7252082
LL Group # 1429191
Account # 11255

Project Name: 351443

Collected: 10/23/2013 08:52 by LB

Chevron

L4310

Submitted: 10/25/2013 09:10

6001 Bollinger Canyon Road

Reported: 11/05/2013 18:00

San Ramon CA 94583

FSS12

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	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles					
	ECY 97-602 NWTPH-Gx		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons					
	ECY 97-602 NWTPH-Dx modified		ug/l	ug/l	
08271	Diesel Range Organics C12-C24	n.a.	520	28	1
08271	Heavy Range Organics C24-C40	n.a.	490	66	1

General Sample Comments

State of Washington Lab Certification No. C457

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	BTEX 8260B Water	SW-846 8260B	1	D133012AA	10/28/2013 14:44	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D133012AA	10/28/2013 14:44	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	13302B20A	10/30/2013 13:34	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13302B20A	10/30/2013 13:34	Catherine J Schwarz	1
08271	NWTPH-Dx water	ECY 97-602 NWTPH-Dx modified	1	133060011A	11/04/2013 14:18	Christine E Dolman	1
11197	WA DRO NW DX Ext (Non SG)	ECY 97-602 NWTPH-Dx 06/97	1	133060011A	11/04/2013 03:00	Sherry L Morrow	1



Lancaster Laboratories
Environmental

Analysis Report

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Sample Description: QA NA Water
Facility# 351443
3460 First St - Seattle, WA

LL Sample # WW 7252083
LL Group # 1429191
Account # 11255

Project Name: 351443

Collected: 10/23/2013 08:00

Chevron

L4310

Submitted: 10/25/2013 09:10

6001 Bollinger Canyon Road

Reported: 11/05/2013 18:00

San Ramon CA 94583

FSSQA

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	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles					
		ECY 97-602 NWT PH-Gx	ug/l	ug/l	
08273	NWT PH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C457

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	BTEX 8260B Water	SW-846 8260B	1	D133012AA	10/28/2013 13:22	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D133012AA	10/28/2013 13:22	Daniel H Heller	1
08273	NWT PH-Gx water C7-C12	ECY 97-602 NWT PH-Gx	1	13302B20A	10/30/2013 12:07	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13302B20A	10/30/2013 12:07	Catherine J Schwarz	1

Quality Control SummaryClient Name: Chevron
Reported: 11/05/13 at 06:00 PM

Group Number: 1429191

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

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D133012AA	Sample number(s): 7252082-7252083							
Benzene	N.D.	0.5	ug/l	80		78-120		
Ethylbenzene	N.D.	0.5	ug/l	89		79-120		
Toluene	N.D.	0.5	ug/l	87		80-120		
Xylene (Total)	N.D.	0.5	ug/l	90		80-120		
Batch number: 13302B20A	Sample number(s): 7252082-7252083							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	104	105	75-135	2	30
Batch number: 133060011A	Sample number(s): 7252082							
Diesel Range Organics C12-C24	N.D.	30.	ug/l	82	88	50-113	7	20
Heavy Range Organics C24-C40	N.D.	70.	ug/l					

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: D133012AA	Sample number(s): 7252082-7252083 UNSPK: 7252082								
Benzene	89	83	72-134	7	30				
Ethylbenzene	101	95	71-134	6	30				
Toluene	100	94	80-125	6	30				
Xylene (Total)	102	96	79-125	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: D133012AA

	<u>Dibromofluoromethane</u>	<u>1,2-Dichloroethane-d4</u>	<u>Toluene-d8</u>	<u>4-Bromofluorobenzene</u>
7252082	96	101	102	94
7252083	99	103	103	92
Blank	98	102	104	92

*- 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: 11/05/13 at 06:00 PM

Group Number: 1429191

Surrogate Quality Control

LCS	97	104	104	97
MS	96	105	103	95
MSD	97	105	103	96

Limits:	80-116	77-113	80-113	78-113
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Analysis Name: NWTPH-Gx water C7-C12
Batch number: 13302B20A
Trifluorotoluene-F

7252082	90
7252083	92
Blank	92
LCS	97
LCSD	100

Limits: 63-135

Analysis Name: NWTPH-Dx water
Batch number: 133060011A
Orthoterphenyl

7252082	102
Blank	96
LCS	106
LCSD	111

Limits: 50-150

*- Outside of specification

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

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

COC 1 of 1

[illegible]

Explanation of Symbols and Abbreviations

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

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

Data Qualifiers:

C - result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

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

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

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

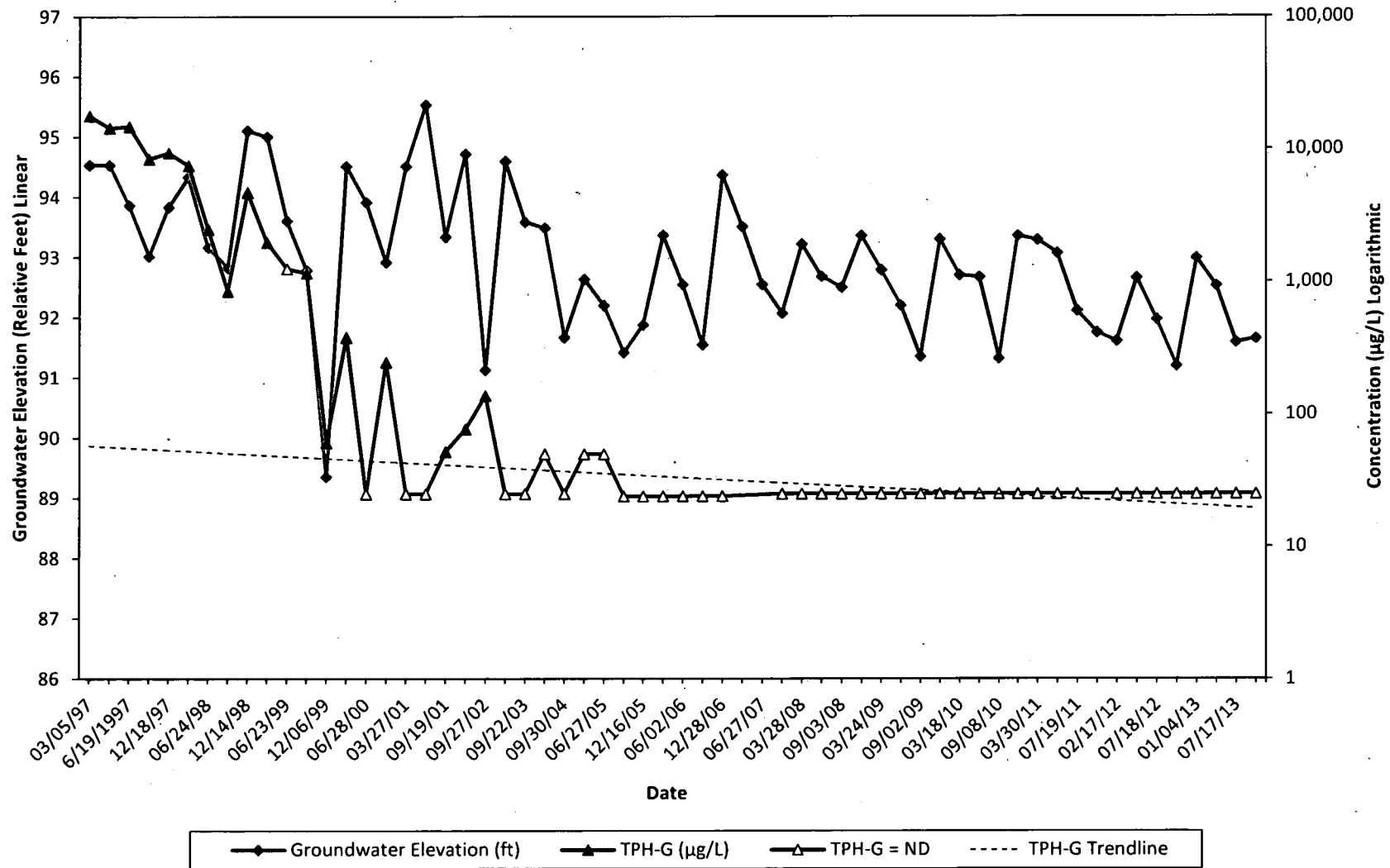
Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have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

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

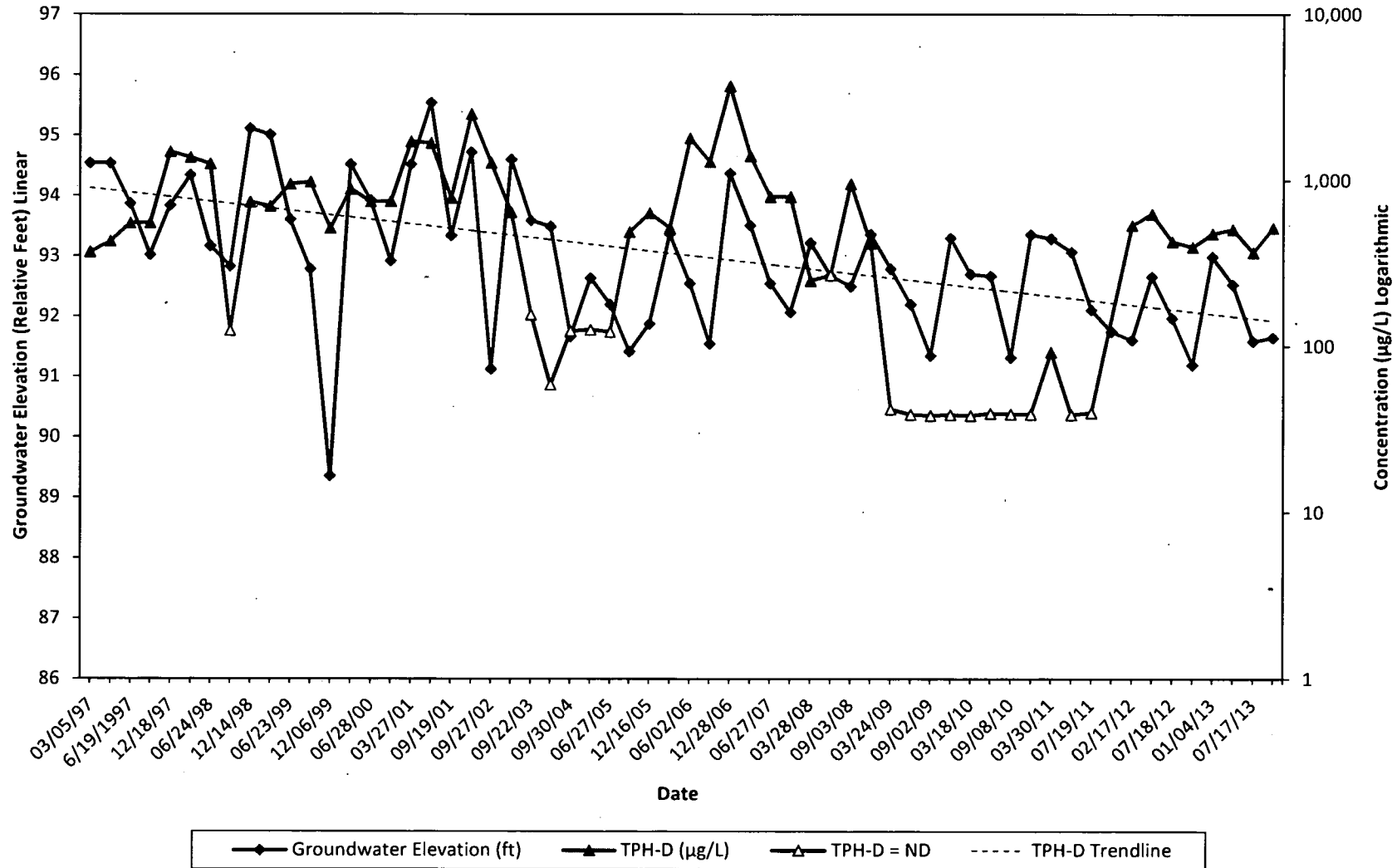
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Attachment C:
Hydrographs

MW-12
Gasoline-Range Hydrocarbons
76 Products Facility No. 351443
3460 1st Avenue South, Seattle, Washington



MW-12
Diesel-Range Hydrocarbons
76 Products Facility No. 351443
3460 1st Avenue South, Seattle, Washington



MW-12
Benzene
76 Products Facility No. 351443
3460 1st Avenue South, Seattle, Washington

