September 22, 2014

Mr. Brian Waite
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, California, 94583-5186

Subject: **Second Quarter 2014 Groundwater Monitoring and Sampling Report**
Chevron Service Station No. 90129
4700 Brooklyn Avenue
Seattle, Washington

Dear Mr. Waite:

Leidos Engineering, LLC, on behalf of Chevron Environmental Management Company (CEMC), prepared this letter summarizing the second quarter 2014 groundwater monitoring and sampling event at Chevron Service Station No. 90129 (the site) in Seattle, Washington (Figure 1).

FIELD ACTIVITIES

Gettler-Ryan, Inc. (Gettler-Ryan) conducted the groundwater monitoring and sampling field event on June 22, 2014. Gettler-Ryan collected depth-to-groundwater measurements and checked for the presence of separate-phase hydrocarbons (SPH) in 14 of the 17 groundwater monitoring wells on site (Figure 2). Monitoring wells MW-1, MW-8, and RW-1 were inaccessible.

Groundwater samples were collected from nine monitoring wells. Samples were not collected from monitoring wells MW-9, MW-10, MW-11, MW-12, and MW-13 due to the presence of SPH. Groundwater samples were submitted to Eurofins Lancaster Laboratories, Inc. for the following analyses:

- Total petroleum hydrocarbons (TPH) as gasoline-range organics (TPH-GRO) by Washington State Department of Ecology (Ecology) Method NWTPH-Gx;
- TPH as diesel-range organics and TPH as heavy oil-range organics by Ecology Method NWTPH-Dx extended with silica-gel cleanup;
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by United States Environmental Protection Agency (USEPA) Method 8021B; and
- Total lead by USEPA Method 6020 (monitoring wells MW-3, MW-9, MW-11, MW-12, and MW-16 only).

In addition, all MTBE detections were confirmed by USEPA Method 8260B. A laboratory-supplied trip blank (QA) was submitted to the laboratory and analyzed for TPH-GRO, BTEX, and MTBE to provide quality assurance. Field data sheets are provided in the Gettler-Ryan groundwater monitoring and sampling data package (Attachment A).

FINDINGS

During this event, groundwater elevations ranged from 87.21 feet in monitoring well MW-14 to 81.00 feet in monitoring well MW-16, based on an arbitrary benchmark elevation of 100 feet (Figure 2). Groundwater flows toward the southeast at a gradient of approximately 0.01 to 0.003 feet per foot. SPH were detected in monitoring wells MW-9, MW-10, MW-11, MW-12, and MW-13 at thicknesses of 0.41, 1.54, 0.28, 0.02, and 0.35 feet, respectively.

TPH-GRO and benzene were detected at concentrations exceeding their respective Model Toxics Control Act Method A cleanup levels in monitoring wells MW-3, MW-4, and MW-16.

Historical groundwater elevation data, SPH thickness data, and laboratory analytical results are summarized in Table 1. The laboratory analysis report is provided as Attachment B. In addition, hydrographs for monitoring wells MW-3, MW-9, MW-10, MW-12, MW-13, and MW-16 are included as Attachment C.

If you have any questions or comments, please contact Ruth Otteman at (425) 482-3328 or via email at ottemanr@leidos.com.

Sincerely,

Leidos Engineering, LLC

Ruth Otteman, LG
Project Manager

Kinga Kozlowska
Environmental Scientist

Enclosures:

Figure 1 – Vicinity Map

Figure 2 – Potentiometric Map

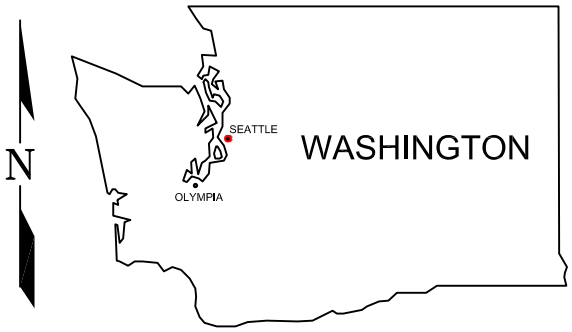
Table 1 – Groundwater Monitoring Data and Analytical Results

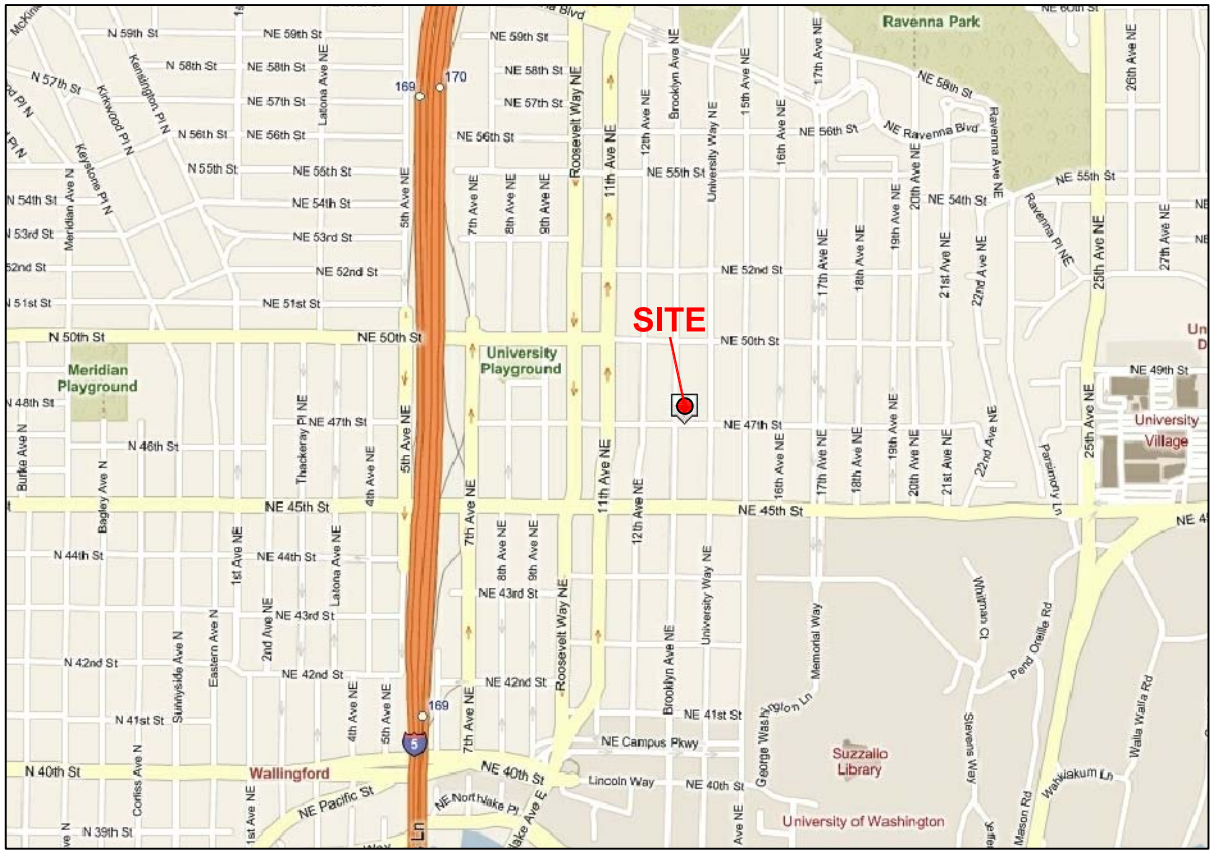
Attachment A – Groundwater Monitoring and Sampling Data Package

Attachment B – Laboratory Analysis Report

Attachment C – Hydrographs

cc: Mr. Bhupinder S. Mac – Property Owner
5960 Canoga Avenue, Woodland Hills, CA 91367
Project File





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Chevron Service Station No. 90129
4700 Brooklyn Avenue
Seattle, Washington

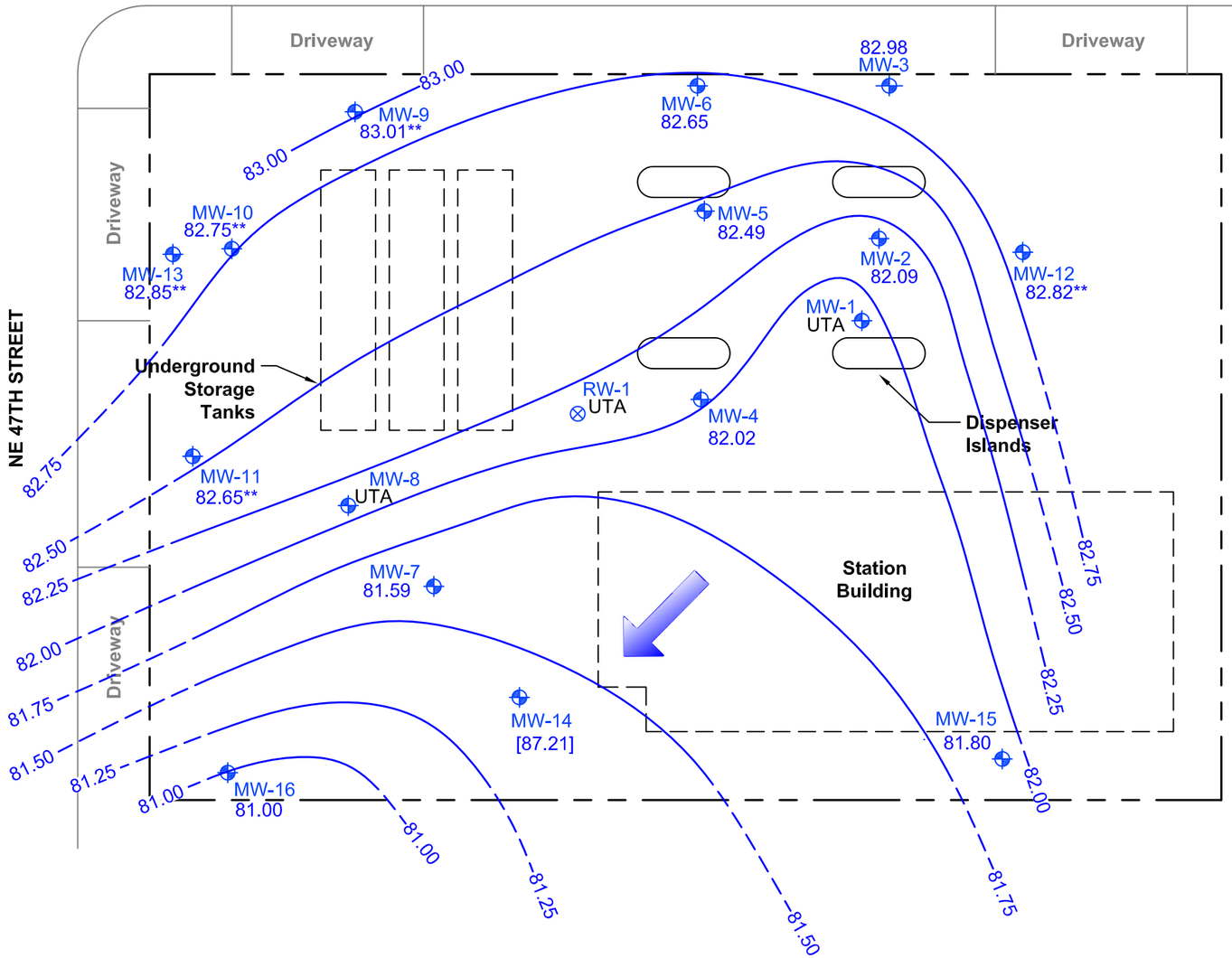
FIGURE 1
Vicinity Map

DATE: 4/14/2014 | DRAWING: 90129_VM.dwg

BROOKLYN AVENUE

N

0 10' 20'



Safeway
Parking Lot

LEGEND

MW-6 ⊕	Groundwater Monitoring Well
RW-1 ⊗	Recovery Well
81.80	Groundwater Elevation in Feet
82.65**	Groundwater Elevation Corrected for the Presence of Separate Phase Hydrocarbons (SPH)
81.50 ——	Groundwater Elevation Contour at a 0.25 Foot Interval (Dashed Where Inferred)
[87.21]	Groundwater Elevation Not Used in Contours
⟵	Approximate Groundwater Flow Direction at a Gradient of 0.01 to 0.003 Ft./Ft.
UTA	Unable to Access

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Chevron Service Station No. 90129
4700 Brooklyn Avenue
Seattle, Washington

FIGURE 2
Potentiometric Map
June 22, 2014

DATE: 7/25/2014 | DRAWING: 90129 Site Map 2013.dwg

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-1																
12/17-18/09		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
3/17/10		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
6/22-23/10		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
9/13/10		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
12/20/10		--	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--
6/16/11		--	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--
9/22/11		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
1/14/12		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
3/31/12		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
6/2/12		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
9/30/12		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
12/15/12		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
3/16/13		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
7/20/13		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
9/28/13		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
12/7/13		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
3/15/14		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
6/22/14		--	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
MW-2																
1/22/90		100.05	--	--	--	--	--	--	25	**1,100**	**1,090**	161	**1,120**	--	--	--
4/12/91		100.05	--	--	--	--	--	--	**3,100**	**100**	540	140	260	--	--	--
6/28/91		100.05	--	--	--	--	--	--	**7,000**	**300**	**1,100**	500	**1,300**	--	--	--
9/18/91		100.05	--	--	--	--	--	--	**4,800**	**150**	49	280	660	--	--	--
12/3/91		100.05	--	--	--	--	--	--	**9,000**	**290**	**1,300**	540	**1,500**	--	--	--
2/25/92		100.05	--	--	--	--	--	--	**1,600**	**42**	170	120	310	--	--	--
5/15/92		100.05	--	--	--	--	--	--	410	**19**	40	40	70	--	--	--
7/31/92		100.05	--	16.45	--	83.60	--	--	--	--	--	--	--	--	--	--
8/18/92		100.05	--	16.55	--	83.50	--	--	**10,000**	**160**	890	**750**	**1,600**	--	--	--
9/25/92		100.05	--	16.90	--	83.15	--	--	--	--	--	--	--	--	--	--
2/23/93		100.05	--	16.68	--	83.37	--	--	750	**14**	22	62	100	--	--	--
5/12/93		100.05	--	16.25	--	83.80	--	--	ND	ND	ND	ND	ND	--	--	--
8/18/93		100.05	--	15.86	--	84.19	--	--	ND	ND	1.1	6.7	3.5	--	--	--

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Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-2 (cont)																
11/10/93		100.05	--	16.15	--	83.90	--	--	ND	ND	ND	2.5	ND	--	--	--
2/3/94		100.05	--	15.79	--	84.26	--	--	ND	ND	ND	4.5	0.5	--	--	--
4/26/94		100.05	--	15.42	--	84.63	--	--	ND	0.6	ND	9.9	3.4	--	--	--
7/20/94		100.05	--	16.75	--	83.30	--	--	ND	ND	ND	0.6	ND	--	--	--
10/18/94		100.05	--	18.16	--	81.89	--	--	180	4.3	4.0	24	13	--	--	--
2/1/95		100.05	--	18.45	--	81.60	--	--	360	**7.1**	6.7	35	39	--	--	--
7/12/95		100.05	--	18.22	--	81.83	--	--	ND	ND	ND	ND	ND	--	--	--
1/4/96		100.05	--	17.81	--	82.24	--	--	ND	0.63	ND	ND	ND	--	--	--
1/7/97		100.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/12/98		100.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/15/04	NP	100.05	--	17.06	--	82.99	--	--	170	**9.4**	1.4	11	6.8	**30/24**[6]	--	--
NOT MONITORED/SAMPLED			--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17-18/09		100.05	--	16.24	--	83.81	32	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/17/10		100.05	--	15.90	--	84.15	<31	<71	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/22-23/10		100.05	--	15.24	--	84.81	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/13/10		100.05	--	17.34	--	82.71	<29	72	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/20/10		100.05	--	17.58	--	82.47	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/16/11		100.05	--	17.48	--	82.57	51	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/22/11		100.05	--	18.25	--	81.80	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
1/14/12		100.05	--	18.60	--	81.45	<29	<68	**1,300**	1.7	20	9.5	110	<2.5	--	--
3/31/12		100.05	--	19.70	--	80.35	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
6/2/12		100.05	--	17.80	--	82.25	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/30/12		100.05	--	19.42	--	80.63	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
12/15/12		100.05	--	19.44	--	80.61	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
3/16/13		100.05	--	19.78	--	80.27	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
7/21/13		100.05	--	18.14	--	81.91	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/28/13		100.05	--	18.65	--	81.40	<29	<68	57	<0.5	0.6	<0.5	3.7	<2.5	--	--
12/7/13		100.05	--	18.85	--	81.20	--	--	400	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/15/14		100.05	--	18.62	--	81.43	<30	<70	70	<0.5	1.9	1.1	10	<2.5	--	--
6/22/14		100.05	--	17.96	--	82.09	<29	<68	110	<0.5	<0.5	<0.5	4.2	<2.5	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-3																
1/22/90		101.25	--	--	--	--	--	--	**85,000**	**1,380**	**14,100**	**2,060**	**12,800**	--	--	--
4/12/91		101.25	--	--	--	--	--	--	**2,500**	3.6	39	18	69	--	--	--
6/28/91		101.25	--	--	--	--	--	--	**6,600**	**63**	680	210	870	--	--	--
9/18/91		101.25	--	--	--	--	--	--	**4,900**	ND	82	86	300	--	--	--
12/3/91		101.25	--	--	--	--	--	--	**17,000**	**170**	**2,200**	710	**2,800**	--	--	--
2/25/92		101.25	--	--	--	--	--	--	**7,900**	**25**	150	210	920	--	--	--
5/15/92		101.25	--	--	--	--	--	--	**9,800**	**90**	**1,100**	260	**1,300**	--	--	--
7/31/92		101.25	--	15.81	--	85.44	--	--	--	--	--	--	--	--	--	--
8/18/92		101.25	--	15.94	--	85.31	--	--	**24,000**	**290**	**4,200**	**7,200**	**3,800**	--	--	--
9/25/92		101.25	--	16.55	--	84.70	--	--	--	--	--	--	--	--	--	--
2/24/93		101.25	--	16.12	--	85.13	--	--	**8,400**	**48**	440	210	**1,300**	--	--	--
5/12/93		101.25	--	15.60	--	85.65	--	--	**4,700**	**130**	840	120	600	--	--	--
8/18/93		101.25	--	15.60	--	85.65	--	--	**7,300**	**130**	**1,000**	240	**1,100**	--	--	--
11/10/93		101.25	--	16.11	--	85.14	--	--	**14,000**	**260**	**1,900**	470	**2,400**	--	--	--
2/3/94		101.25	--	15.66	--	85.59	--	--	**8,000**	**78**	720	220	800	--	--	--
4/26/94		101.25	--	14.91	--	86.34	--	--	**2,900**	**9.6**	7.9	34	160	--	--	--
7/20/94		101.25	--	16.92	--	84.33	--	--	**17,000**	**360**	**3,500**	550	**2,400**	--	--	--
10/18/94		101.25	--	18.68	--	82.57	--	--	**46,000**	**230**	**6,700**	**1,200**	**6,100**	--	--	--
2/1/95		101.25	--	18.53	--	82.72	--	--	**56,000**	**160**	**6,500**	**1,300**	**7,700**	--	--	--
7/12/95		101.25	--	18.30	--	82.95	--	--	**83,000**	**230**	**12,000**	**2,200**	**14,000**	--	--	--
1/4/96		101.25	--	17.97	--	83.28	--	--	**38,000**	**110**	**1,600**	**1,600**	**7,200**	--	--	--
1/7/97		101.25	--	17.10	--	84.15	--	--	**25,000**	**80.8**	476	**1,150**	**3,660**	--	--	--
2/12/98		101.25	--	16.83	--	84.42	--	--	**18,200**	**94.3**	134	**966**	**2,810**	--	--	--
5/31/99	NP	101.25	--	17.00	--	84.25	--	--	**29,300**	**187**	644	**826**	**5,060**	--	--	--
6/8/00		101.25	--	17.82	--	83.43	--	--	**43,300**	**380**	838	**1,620**	**9,840**	ND	--	--
1/30/01		101.25	--	18.49	--	82.76	--	--	**31,300**	**380**	306	**1,380**	**3,240**	--	--	--
4/11/01		101.25	--	17.91	--	83.34	--	--	**12,100**	**59.6**	37.8	524	900	--	--	--
7/28/01		101.25	--	17.66	--	83.59	--	--	**40,900**	**561**	**1,960**	**1,720**	**10,400**	--	--	--
10/15/01		101.25	--	17.82	--	83.43	--	--	**43,200**	**623**	**1,650**	**1,680**	**10,400**	--	--	--
1/5/02		101.25	--	16.42	--	84.83	--	--	**5,060**	**39.6**	14.1	261	362	--	--	--
4/2/02	NP	101.25	--	16.54	--	84.71	--	--	**35,000**	**280**	820	**910**	**6,200**	<20	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-3 (cont)																
7/11/02	NP	101.25	--	16.68	--	84.57	--	--	**48,000**	**560**	**1,100**	**1,100**	**6,900**	<20	--	--
10/10/02	NP	101.25	--	17.22	--	84.03	--	--	**50,000**	**630**	**1,100**	**1,300**	**8,400**	<100	--	--
1/10/03		101.25	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--	--	--
4/21/03	NP	101.25	--	15.79	--	85.46	--	--	**17,000**	**280**	340	480	**2,600**	<20	--	--
6/26/03	NP	101.25	--	16.15	--	85.10	--	--	**34,000**	**470**	750	**940**	**6,200**	<50	--	--
10/14/03	NP	101.25	--	17.03	--	84.22	--	--	**56,000**	**810**	**1,100**	**1,400**	**8,700**	<50	--	--
1/7/04	NP	101.25	--	16.41	--	84.84	--	--	**13,000**	**160**	150	400	**1,300**	<10	--	--
4/21/04	NP	101.25	--	16.36	--	84.89	--	--	**1,500**	**72**	14	3.1	120	<10/<2[6]	--	--
7/1/04	NP	101.25	14.45	16.90	--	84.35	--	--	**26,000**	**540**	410	**750**	**3,700**	<50	--	--
10/15/04	NP	101.25	--	17.79	--	83.46	--	--	**26,000**	**520**	370	**920**	**3,600**	<100	--	--
1/5/05	NP	101.25	--	17.76	--	83.49	--	--	**9,000**	**180**	47	590	95	<10	--	--
8/4/05		101.25	--	17.71	--	83.54	--	--	--	--	--	--	--	--	--	--
7/26/06		101.25	--	16.87	--	84.38	--	--	--	--	--	--	--	--	--	--
7/19/07		101.25	--	17.75	--	83.50	--	--	--	--	--	--	--	--	--	--
7/23/08		101.25	--	17.69	--	83.56	--	--	--	--	--	--	--	--	--	--
7/13/09		101.25	--	16.40	--	84.85	--	--	--	--	--	--	--	--	--	--
12/17-18/09		101.25	--	16.82	--	84.43	170	<70	**880**	**25**	13	76	22	<2.5	--	--
3/17/10		101.25	--	16.38	--	84.87	33	<71	75	4.2	1.3	1.9	<1.5	6.2	--	--
06/22-23/10		101.25	--	15.91	--	85.34	73	<69	690	**15**	18	30	67	<20	--	--
9/13/10		101.25	--	17.79	--	83.46	40	73	**2,100**	**26**	21	110	150	<20	--	--
12/20/10		101.25	--	17.81	--	83.44	200	86	**2,300**	**34**	15	220	25	**85**	--	--
6/16/11		101.25	--	17.68	--	83.57	**540**	77	**2,200**	**55**	22	170	110	<50	--	--
9/23/11		101.25	--	18.70	--	82.55	170	<68	**8,100**	**210**	130	690	590	**79**	--	--
1/14/12		101.25	--	19.00	--	82.25	100	<69	**5,200**	**180**	81	630	130	**120**	--	--
3/31/12		101.25	--	18.25	--	83.00	120	<76	**1,700**	**30**	6.5	160	14	**73**	--	--
6/2/12		101.25	--	18.10	--	83.15	110	93	**4,200**	**68**	48	340	170	**73**	--	--
9/30/12		101.25	--	19.00	--	82.25	410	330	**5,600**	**200**	95	**710**	350	91/<5[6]	--	--
12/15/12		101.25	--	18.30	--	82.95	160	72	**2,400**	**46**	12	240	36	62/<3[6]	--	--
3/16/13		101.25	--	18.08	--	83.17	100	<69	**4,000**	**76**	35	420	170	<73	--	--
7/21/13		101.25	--	21.31	--	79.94	250	76	**8,000**	**210**	100	**840**	410	110/<1[6]	--	**58.9**
9/28/13		101.25	--	26.33	--	74.92	170	75	**6,900**	**260**	120	**920**	240	<130/<0.5[6]	--	**328**

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-3 (cont)																
12/7/13		101.25	--	19.45	--	81.80	150	<67	**11,000**	**210**	130	**1,200**	690	<140	--	--
3/15/14		101.25	--	18.80	--	82.45	110	<68	**2,200**	**27**	8.7	240	33	<21	--	8
6/22/14	NP	101.25	--	18.27	--	82.98	130	<67	**8,200**	**70**	58	640	530	<54/<0.5[6]	--	1.6
MW-4																
4/12/91		100.01	--	--	--	--	--	--	ND	**8,300**	**15,000**	**1,900**	**16,000**	--	--	--
6/28/91		100.01	--	--	--	--	--	--	**85,000**	**9,900**	**18,000**	**2,400**	**16,000**	--	--	--
6/28/91 (D)		100.01	--	--	--	--	--	--	**120,000**	**13,000**	**22,000**	**3,100**	**24,000**	--	--	--
9/18/91		100.01	--	--	--	--	--	--	**130,000**	**14,000**	**22,000**	**2,900**	**22,000**	--	--	--
9/18/91 (D)		100.01	--	--	--	--	--	--	**360,000**	**14,000**	**26,000**	**5,400**	**40,000**	--	--	--
12/3/91		100.01	--	--	--	--	--	--	**86,000**	**8,900**	**12,000**	**2,000**	**18,000**	--	--	--
2/25/92		100.01	--	--	--	--	--	--	**120,000**	**7,500**	**11,000**	**1,800**	**16,000**	--	--	--
2/25/92 (D)		100.01	--	--	--	--	--	--	**86,000**	**8,100**	**11,000**	**1,600**	**15,000**	--	--	--
5/15/92		100.01	--	--	--	--	--	--	**90,000**	**11,000**	**17,000**	**1,800**	**18,000**	--	--	--
5/15/92 (D)		100.01	--	--	--	--	--	--	**81,000**	**10,000**	**16,000**	**1,500**	**16,000**	--	--	--
7/31/92		100.01	--	16.25	--	83.76	--	--	--	--	--	--	--	--	--	--
8/18/92		100.01	--	16.32	--	83.69	--	--	**200,000**	**17,000**	**28,000**	**2,800**	**26,000**	--	--	--
8/18/92 (D)		100.01	--	16.50	--	83.51	--	--	**160,000**	**17,000**	**29,000**	**2,200**	**19,000**	--	--	--
9/25/92		100.01	--	16.52	--	83.49	--	--	--	--	--	--	--	--	--	--
2/24/93		100.01	--	16.03	--	83.98	--	--	**290,000**	**22,000**	**42,000**	**4,700**	**27,000**	--	--	--
5/12/93		100.01	--	14.91	--	85.10	--	--	**160,000**	**13,000**	**27,000**	**2,400**	**22,000**	--	--	--
8/18/93		100.01	--	16.35	--	83.66	--	--	**150,000**	**10,000**	**22,000**	**2,500**	**18,000**	--	--	--
11/10/93		100.01	--	15.89	--	84.12	--	--	**170,000**	**13,000**	**26,000**	**3,400**	**23,000**	--	--	--
2/3/94		100.01	--	15.53	--	84.48	--	--	**190,000**	**9,800**	**21,000**	**2,400**	**15,000**	--	--	--
7/20/94		100.01	--	16.39	--	83.62	--	--	**170,000**	**12,000**	**26,000**	**3,000**	**20,000**	--	--	--
10/18/94		100.01	--	18.03	0.04	82.01	--	--	--	--	--	--	--	--	--	--
2/1/95		100.01	--	17.90	--	82.11	--	--	**100,000**	**2,100**	**7,100**	**1,400**	**14,000**	--	--	--
7/12/95		100.01	--	17.60	--	82.41	--	--	**970,000**	**5,800**	**9,600**	**3,300**	**42,000**	--	--	--
1/4/96		100.01	--	17.36	--	82.65	--	--	**1,400,000**	**300**	**1,100**	570	**8,600**	--	--	--
1/7/97		100.01	--	17.60	--	82.41	--	--	--	--	--	--	--	--	--	--
2/12/98		100.01	--	16.65	--	83.36	--	--	**24,400**	**917**	202	385	**3,390**	--	--	--
5/31/99	NP	100.01	--	16.84	--	83.17	--	--	**32,600**	**1,660**	217	566	**4,390**	--	--	--
6/8/00		100.01	--	17.50	<0.01	82.51	--	--	**58,500**	**971**	206	**1,120**	**7,570**	ND	--	--

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CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-4 (cont)																
1/30/01		100.01	--	18.10	--	81.91	--	--	**59,800**	**1,800**	140	**901**	**4,450**	--	--	--
4/11/01		100.01	--	17.91	--	82.10	--	--	**56,800**	**1,450**	105	**984**	**4,560**	--	--	--
7/28/01		100.01	--	17.88	--	82.13	--	--	**91,600**	**1,480**	142	**1,240**	**5,930**	--/<50[6]	--	--
10/15/01		100.01	--	18.06	--	81.95	--	--	**65,900**	**1,460**	116	**944**	**3,890**	--/40.4[6]	--	--
1/5/02		100.01	--	17.04	--	82.97	--	--	**25,600**	**247**	52.3	483	**2,030**	--/<50.0[6]	--	--
4/2/02		100.01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--	--	--
7/11/02	NP	100.01	--	16.88	--	83.13	--	--	**34,000**	**1,000**	59	450	**1,400**	**130/110[6]**	--	--
10/10/02	NP	100.01	--	17.28	--	82.73	--	--	**31,000**	**1,200**	49	620	**1,700**	**170/110[6]**	--	--
1/10/03		100.01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--	--	--
4/21/03	NP	100.01	--	15.78	--	84.23	--	--	**11,000**	**120**	6.0	220	520	<20	--	--
6/26/03	NP	100.01	--	15.96	--	84.05	--	--	**8,000**	**330**	12	160	510	**150/160[6]**	--	--
10/14/03	NP	100.01	--	16.56	--	83.45	--	--	**13,000**	**550**	17	280	690	**150/140[6]**	--	--
1/7/04	NP	100.01	--	16.02	--	83.99	--	--	**12,000**	**370**	8.9	24	650	**62/47[6]**	--	--
4/21/04	NP	100.01	--	15.83	--	84.18	--	--	**1,300**	**69**	0.7	3.2	24	**78/78[6]**	--	--
7/1/04	NP	100.01	--	16.02	--	83.99	--	--	**980**	**90**	0.7	3.9	15	**67/70[6]**	--	--
10/15/04	NP	100.01	--	16.41	--	83.60	--	--	**9,900**	**530**	9.0	240	510	**140/110[6]**	--	--
1/5/05	NP	100.01	--	16.14	--	83.87	--	--	**14,000**	**630**	9.8	330	660	**130/110[6]**	--	--
8/4/05	NP	100.01	--	16.36	--	83.65	--	--	**9,600**	**420**	6.3	260	370	**99**	--	--
7/26/06	NP	100.01	--	15.98	--	84.03	--	--	330	**21**	<0.5	<0.5	2.5	12	--	--
7/19/07	NP	100.01	--	16.30	--	83.71	--	--	350	**13**	<0.5	<0.5	2.6	6.3	--	--
7/23/08	NP	100.01	--	16.36	--	83.65	--	--	**1,700**	**99**	1.9	7	41	8.5	--	--
7/13/09	NP	100.01	--	15.07	--	84.94	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/17-18/09		100.01	--	15.16	--	84.85	**3,300**	<680	**3,300**	**19**	0.9	1.9	6.2	<2.5	--	--
3/17/10		100.01	--	14.95	--	85.06	**20,000**	**4,600**	**930**	**10**	1.9	1.4	2.2	3.5	--	--
06/22-23/10		100.01	--	14.21	--	85.80	120	<68	140	3.8	<2.0	2.3	1.9	<2.5	--	--
9/13/10		100.01	--	7.31	--	92.70	**2,900**	400	**3,400**	**130**	1.3	58	34	8.1	--	--
12/20/10		100.01	--	17.69	--	82.32	**130,000**	**31,000**	**2,200**	**150**	5.6	28	18	41	--	--
6/16/11		100.01	--	17.60	--	82.41	**16,000**	**2,300**	**3,000**	**140**	5.1	21	<15	15	--	--
9/23/11		100.01	--	18.30	--	81.71	**2,800**	<330	**3,700**	**290**	<10	64	<50	16	--	--
1/14/12		100.01	--	18.65	--	81.36	**7,900**	**930**	**2,900**	**170**	4.6	69	69	19	--	--
3/31/12		100.01	--	18.05	--	81.96	**6,000**	**800**	**1,500**	**44**	3.7	25	15	15	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-4 (cont)																
6/2/12		100.01	--	17.85	--	82.16	**510**	160	**1,800**	**79**	3.1	30	20	14	--	--
9/30/12		100.01	--	18.52	--	81.49	**4,600**	**650**	**2,000**	**230**	<4.0	100	28	13/12[6]	--	--
12/15/12		100.01	--	18.05	--	81.96	**2,300**	130	**800**	**39**	<2.0	37	<5.0	13/11[6]	--	--
3/16/13		100.01	--	17.86	--	82.15	**4,000**	420	**2,200**	**75**	4.2	25	19	9.6/9[6]	--	--
7/21/13		100.01	--	18.20	--	81.81	**5,900**	**700**	**2,200**	**150**	<5.0	83	<25	12/10[6]	--	--
9/28/13		100.01	--	18.70	--	81.31	**4,400**	**590**	**5,000**	**320**	3.3	200	63	<17/8[6]	--	--
12/7/13		100.01	--	18.88	--	81.13	**2,600**	290	**3,900**	**140**	<4.0	91	23	11/8[6]	--	--
3/15/14		100.01	--	18.64	--	81.37	**3,700**	220	**1,000**	**17**	<2.0	17	<5.0	7.3/6[6]	--	--
6/22/14	NP	100.01	--	17.99	--	82.02	240	<67	**840**	**53**	0.9	12	2.4	6.1/6[6]	--	--
MW-5																
2/19/90		100.75	--	--	--	--	--	--	ND	ND	5.0	ND	22	--	--	--
4/12/91		100.75	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
6/28/91		100.75	--	--	--	--	--	--	89	ND	1.9	0.96	6.1	--	--	--
9/18/91		100.75	--	--	--	--	--	--	68	ND	ND	1.1	ND	--	--	--
12/3/91		100.75	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
2/25/92		100.75	--	--	--	--	--	--	92	ND	ND	15	ND	--	--	--
5/15/92		100.75	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
7/31/92		100.75	--	16.02	--	84.73	--	--	--	--	--	--	--	--	--	--
8/18/92		100.75	--	16.09	--	84.66	--	--	ND	ND	ND	ND	ND	--	--	--
9/25/92		100.75	--	16.42	--	84.33	--	--	--	--	--	--	--	--	--	--
2/23/93		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/12/93		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/18/93		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/10/93		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/3/94		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/26/94		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/20/94		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/18/94		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/1/95		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/95		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/4/96		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/97		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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4700 Brooklyn Avenue
Seattle, Washington
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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-5 (cont)																
2/12/98		100.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED			--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17-18/09		100.75	--	16.09	--	84.66	50	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/17/10		100.75	--	15.76	--	84.99	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/22-23/10		100.75	--	15.11	--	85.64	<30	<69	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/13/10		100.75	--	17.63	--	83.12	<31	<71	52	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/20/10		100.75	--	17.75	--	83.00	<31	110	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/16/11		100.75	--	17.73	--	83.02	<30	<69	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/22/11		100.75	--	18.60	--	82.15	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
1/14/12		100.75	--	18.90	--	81.85	<29	<67	52	<0.5	1.3	0.7	7.5	<2.5	--	--
3/31/12		100.75	--	18.20	--	82.55	<31	<73	<50	<0.5	0.6	<0.5	1.9	<2.5	--	--
6/2/12		100.75	--	18.05	--	82.70	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/30/12		100.75	--	18.82	--	81.93	<29	90	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/15/12		100.75	--	18.20	--	82.55	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/16/13		100.75	--	18.04	--	82.71	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/21/13		100.75	--	18.47	--	82.28	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/28/13		100.75	--	19.07	--	81.68	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/7/13		100.75	--	21.32	--	79.43	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
3/15/14		100.75	--	18.78	--	81.97	<30	<69	<50	<0.5	0.5	<0.5	2.9	<2.5	--	--
6/22/14		100.75	--	18.26	--	82.49	<29	<67	<50	<0.5	0.5	<0.5	<1.5	<2.5	--	--
MW-6																
2/19/90		100.93	--	--	--	--	--	--	**38,200**	ND	74	259	**2,430**	--	--	--
4/12/91		100.93	--	--	--	--	--	--	ND	ND	1.8	4.8	53	--	--	--
6/28/91		100.93	--	--	--	--	--	--	390	**1,100**	**5,300**	**860**	**47,000**	--	--	--
9/18/91		100.93	--	--	--	--	--	--	**1,600**	3.7	ND	15	130	--	--	--
12/3/91		100.93	--	--	--	--	--	--	**2,000**	3.7	1.8	19	130	--	--	--
2/25/92		100.93	--	--	--	--	--	--	**4,100**	**8.9**	2.9	44	320	--	--	--
5/15/92		100.93	--	--	--	--	--	--	ND	ND	ND	ND	8.0	--	--	--
7/31/92		100.93	--	15.86	--	85.07	--	--	--	--	--	--	--	--	--	--
8/18/92		100.93	--	15.95	--	84.98	--	--	**3,300**	3.7	0.84	17	110	--	--	--
9/25/92		100.93	--	16.26	--	84.67	--	--	--	--	--	--	--	--	--	--
2/23/93		100.93	--	16.17	--	84.76	--	--	**1,900**	ND	0.8	5.2	67	--	--	--

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GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-6 (cont)																
5/12/93		100.93	--	15.63	--	85.30	--	--	**1,600**	2.1	1.2	8.5	74	--	--	--
8/18/93		100.93	--	15.37	--	85.56	--	--	ND	ND	ND	ND	1.0	--	--	--
11/10/93		100.93	--	15.83	--	85.10	--	--	**1,300**	2.3	2.0	2.9	36	--	--	--
2/3/94		100.93	--	15.45	--	85.48	--	--	740	2.8	5.4	2.6	23	--	--	--
4/26/94		100.93	--	15.19	--	85.74	--	--	300	ND	ND	ND	2.4	--	--	--
7/20/94		100.93	--	16.94	--	83.99	--	--	**2,500**	ND	1.1	5.6	38	--	--	--
10/18/94		100.93	--	18.68	--	82.25	--	--	440	ND	1.0	1.3	2.5	--	--	--
2/1/95		100.93	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/95		100.93	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
1/4/96		100.93	--	17.94	--	82.99	--	--	**9,400**	**11**	90	120	770	--	--	--
1/7/97		100.93	--	16.90	--	84.03	--	--	**1,440**	2.85	5.05	10.4	56.7	--	--	--
2/12/98		100.93	--	16.93	--	84.00	--	--	308	**6.43**	1.63	ND	3.53	--	--	--
5/31/99	NP	100.93	--	17.17	--	83.76	--	--	**1,660**	**116**	6.98	2.21	37.5	--	--	--
6/8/00		100.93	--	17.90	--	83.03	--	--	**1,970**	**61.9**	6.96	23.8	122	ND/ND	--	--
1/30/01		100.93	--	18.51	--	82.42	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
4/11/01		100.93	--	18.21	--	82.72	--	--	**10,800**	**190**	20.0	45.0	262	--	--	--
7/28/01		100.93	--	18.09	--	82.84	--	--	**4,600**	**264**	7.94	23.1	91.2	--	--	--
10/15/01		100.93	--	18.28	--	82.65	--	--	**6,890**	**267**	13.8	45.9	203	--	--	--
1/5/02		100.93	--	17.09	--	83.84	--	--	**3,500**	**213**	7.25	22.9	109	--	--	--
NOT MONITORED/SAMPLED			--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17-18/09		100.93	--	16.03	--	84.90	99	<72	460	<0.5	<0.5	2.2	15	<2.5	--	--
3/17/10		100.93	--	15.69	--	85.24	56	<71	590	0.9	0.5	2.2	17	<2.5	--	--
06/22-23/10		100.93	--	14.99	--	85.94	31	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/13/10		100.93	--	17.64	--	83.29	240	<71	**980**	1.9	1.1	2.3	23	<2.5	--	--
12/20/10		100.93	--	17.74	--	83.19	350	<72	**1,300**	3.5	1.8	4.8	37	2.8	--	--
6/16/11		100.93	--	17.75	--	83.18	260	160	600	1.5	1	2.7	20	<2.5	--	--
9/22/11		100.93	--	18.65	--	82.28	OBSTRUCTION IN WELL AT 19 FT				--	--	--	--	--	--
1/14/12		100.93	--	21.10	--	79.83	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
3/31/12		100.93	--	18.30	--	82.63	<29	<68	560	1.3	1.2	1.3	9.4	<2.5	--	--
6/2/12		100.93	--	18.10	--	82.83	<29	<67	**1,300**	1.8	1.3	3.1	18	<2.5	--	--
9/30/12		100.93	--	18.92	--	82.01	OBSTRUCTION IN WELL AT 19 FT				--	--	--	--	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-6 (cont)																
12/15/12		100.93	--	18.22	--	82.71	<29	<67	560	0.6	0.7	1.7	12	<2.5	--	--
3/16/13		100.93	--	18.06	--	82.87	<29	<67	110	0.5	1.9	0.5	4.8	<2.5	--	--
7/21/13		100.93	--	18.54	--	82.39	<28	<66	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/28/13		100.93	--	19.05	--	81.88	<29	<68	81	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/7/13		100.93	--	19.32	--	81.61	<29	<68	67	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/15/14		100.93	--	18.78	--	82.15	<29	<67	180	<0.5	<0.5	<0.5	3.5	<2.5	--	--
6/22/14		100.93	--	18.28	--	82.65	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
MW-7																
2/19/90		99.07	--	--	--	--	--	--	**526,000**	**3,280**	**8,170**	**1,210**	**8,010**	--	--	--
6/28/91		99.07	--	--	--	--	--	--	**30,000**	**760**	950	**4,600**	**8,500**	--	--	--
9/18/91		99.07	--	--	--	--	--	--	**11,000**	**280**	970	560	**2,800**	--	--	--
12/3/91		99.07	--	--	--	--	--	--	**9,400**	**250**	330	630	**2,600**	--	--	--
2/25/92		99.07	--	--	--	--	--	--	**3,800**	**210**	260	510	**2,200**	--	--	--
5/15/92		99.07	--	--	--	--	--	--	**9,000**	**170**	35	630	**2,900**	--	--	--
8/18/92		99.07	--	16.90	--	--	--	--	**28,000**	**190**	75	100	560	--	--	--
9/25/92		99.07	--	17.05	--	82.02	--	--	--	--	--	--	--	--	--	--
2/23/93		99.07	--	16.81	--	82.26	--	--	**32,000**	**160**	**1,500**	**800**	**6,300**	--	--	--
5/12/93		99.07	--	16.32	--	82.75	--	--	**24,000**	**160**	940	**890**	**5,200**	--	--	--
8/18/93		99.07	--	16.39	--	82.68	--	--	**27,000**	**79**	470	**750**	**6,500**	--	--	--
11/10/93		99.07	--	16.94	--	82.13	--	--	**14,000**	**36**	60	400	**3,800**	--	--	--
2/3/94		99.07	--	16.71	--	82.36	--	--	**3,800**	**7.5**	8.3	130	680	--	--	--
4/26/94		99.07	--	15.72	--	83.35	--	--	**10,000**	**48**	190	480	**1,900**	--	--	--
7/20/94		99.07	--	16.03	--	83.04	--	--	**14,000**	**26**	280	570	**2,900**	--	--	--
10/18/94		99.07	--	17.49	--	81.58	--	--	**6,200**	**11**	13	230	980	--	--	--
2/1/95		99.07	--	17.58	--	81.49	--	--	510	**9.5**	1.3	51	22	--	--	--
7/12/95		99.07	--	17.24	--	81.83	--	--	**8,600**	**30**	25	270	**1,300**	--	--	--
1/4/96		99.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/97		99.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/12/98		99.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/31/99		99.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/8/00		99.07	--	17.11	--	--	--	--	321	3.15	ND	63.6	5.66	ND	--	--
NOT MONITORED/SAMPLED			--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-7 (cont)																
12/17-18/09		99.07	--	13.48	--	85.59	86	<68	330	0.7	<0.5	5.5	7.6	<2.5	--	--
3/17/10		99.07	--	13.35	--	85.72	33	73	670	**29**	1.1	7.4	9.9	<2.5	--	--
06/22-23/10		99.07	--	13.11	--	85.96	<31	<72	<50	1	<0.5	0.8	<1.5	<2.5	--	--
9/13/10		99.07	--	16.45	--	82.62	120	97	**960**	4	<0.5	9.6	8.2	<2.5	--	--
12/20/10		99.07	--	17.12	--	81.95	54	<75	170	2.6	<0.5	3.5	<1.5	<2.5	--	--
6/16/11		99.07	--	16.77	--	82.30	160	430	180	1.5	<0.5	0.8	<1.5	<2.5	--	--
9/23/11		99.07	--	17.58	--	81.49	100	440	210	2.3	<0.5	4.2	<1.5	<2.5	--	--
1/14/12		99.07	--	17.80	--	81.27	33	130	130	1.5	<0.5	3.2	<1.5	<2.5	--	--
3/31/12		99.07	--	17.50	--	81.57	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/2/12		99.07	--	17.10	--	81.97	44	170	100	1.3	<0.5	1.1	<1.5	<2.5	--	--
9/30/12		99.07	--	17.78	--	81.29	35	86	54	0.8	<0.5	1.3	<1.5	<2.5	--	--
12/15/12		99.07	--	17.42	--	81.65	51	<68	300	2.4	<0.5	5.7	2.3	<2.5	--	--
3/16/13		99.07	--	17.27	--	81.80	<30	<70	280	2.7	<0.5	5.8	<1.5	<2.5	--	--
7/21/13		99.07	--	17.22	--	81.85	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/28/13		99.07	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--	--	--
12/7/13		99.07	--	20.33	--	78.74	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--
3/15/14		99.07	--	18.01	--	81.06	<29	<67	120	<0.5	<0.5	1.1	2.8	<2.5	--	--
6/22/14		99.07	--	17.48	--	81.59	<29	<68	83	0.9	<0.5	1.8	<1.5	<2.5	--	--
MW-8																
4/11/01		--	DRY	--	--	--	--	--	--	--	--	--	--	--		--
NOT MONITORED/SAMPLED			--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17-18/09		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
3/17/10		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
06/22-23/10		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
9/13/10		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
12/20/10		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
6/16/11		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/11		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/12		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
3/31/12		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
6/2/12		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
9/30/12		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-8 (cont)																
12/15/12		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/13		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
7/20/13		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/13		--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/13		--	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--
3/15/14		--	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--
6/22/14		--	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--
MW-9																
2/19/90		100.02	--	--	--	--	--	--	**99,600**	**181**	489	494	**4,290**	--	--	--
4/12/91		100.02	--	--	--	--	--	--	ND	ND	ND	180	930	--	--	--
6/28/91		100.02	--	--	--	--	--	--	**10,000**	**100**	160	570	**1,800**	--	--	--
9/18/91		100.02	--	--	--	--	--	--	**15,000**	**150**	260	**720**	**3,200**	--	--	--
12/3/91		100.02	--	--	--	--	--	--	**16,000**	**140**	290	**780**	**3,400**	--	--	--
2/25/92		100.02	--	--	--	--	--	--	**9,500**	**120**	220	640	**2,900**	--	--	--
5/15/92		100.02	--	--	--	--	--	--	**18,000**	**120**	210	660	**3,300**	--	--	--
7/31/92		100.02	--	15.86	--	84.16	--	--	--	--	--	--	--	--	--	--
8/18/92		100.02	--	15.93	--	84.09	--	--	**16,000**	**72**	120	560	**1,900**	--	--	--
9/25/92		100.02	--	16.14	--	83.88	--	--	--	--	--	--	--	--	--	--
2/23/93		100.02	--	15.87	--	84.15	--	--	**9,000**	**45**	120	390	**1,100**	--	--	--
5/12/93		100.02	--	15.44	--	84.58	--	--	**11,000**	**34**	58	280	910	--	--	--
8/18/93		100.02	--	15.21	--	84.81	--	--	**3,100**	**22**	47	94	500	--	--	--
11/10/93		100.02	--	15.85	--	84.17	--	--	**10,000**	**67**	150	470	**1,700**	--	--	--
2/3/94		100.02	--	15.63	--	84.39	--	--	**26,000**	**85**	340	**910**	**3,600**	--	--	--
4/26/94		100.02	--	14.98	--	85.04	--	--	**12,000**	**37**	73	200	750	--	--	--
7/20/94		100.02	--	15.91	--	84.11	--	--	**15,000**	**37**	110	360	**1,600**	--	--	--
10/18/94		100.02	--	16.91	--	83.11	--	--	**28,000**	**110**	350	**970**	**2,000**	--	--	--
2/1/95		100.02	--	16.86	--	83.16	--	--	**21,000**	**47**	230	570	**2,600**	--	--	--
7/12/95		100.02	--	16.50	--	83.52	--	--	**17,000**	**69**	130	480	**2,000**	--	--	--
1/4/96		100.02	--	16.00	--	84.02	--	--	**39,000**	**46**	140	420	**2,600**	--	--	--
1/7/97		100.02	15.12	15.12	Sheen	84.90	--	--	**31,600**	**47.7**	ND	25.2	112	--	--	--
2/12/98		100.02	--	15.87	--	84.15	--	--	ND	ND	ND	ND	ND	--	--	--
5/31/99	NP	100.02	--	16.03	--	83.99	--	--	ND	ND	ND	ND	ND	--	--	--

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MW-9 (cont)																
6/8/00		100.02	--	16.74	--	83.28	--	--	--	--	--	--	--	--	--	--
1/30/01		100.02	--	17.40	--	82.62	--	--	**307,000**	ND	ND	ND	ND	--	--	--
4/11/01		100.02	--	17.15	--	82.87	--	--	**43,000**	<50	289	**911**	**5,530**	--	--	--
7/28/01		100.02	--	17.18	--	82.84	--	--	**27,800**	**35.9**	290	**1,110**	**5,490**	--	--	--
10/15/01		100.02	--	17.54	--	82.48	--	--	**84,100**	<25.0	99.3	262	**2,290**	--	--	--
1/5/02		100.02	--	16.12	--	83.90	--	--	**9,020**	<5.00	10.0	103	850	--	--	--
NOT MONITORED/SAMPLED			--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17-18/09		100.02	--	10.88	--	89.14	<29	<68	<50	**130**	3.4	0.7	2.2	<2.5	--	--
3/17/10		100.02	--	10.96	--	89.06	78	170	**13,000**	**610**	**1,600**	280	**1,500**	**73**	--	--
06/22-23/10		100.02	--	12.00	--	88.02	310	<70	**12,000**	**11**	15	150	**1,100**	<10	--	--
9/13/10		100.02	--	16.27	--	83.75	**990**	**800**	**2,900**	**53**	23	61	110	<10	--	--
12/20/10		100.02	--	16.45	--	83.57	150	<74	**4,000**	**51**	13	79	170	8.8	--	--
6/16/11		100.02	--	16.35	--	83.67	240	190	**1,600**	**41**	4.4	53	59	<10	--	--
9/23/11		100.02	--	17.25	--	82.77	200	<70	**4,200**	**88**	12	180	290	<20	--	--
1/14/12		100.02	--	17.55	--	82.47	330	<68	**5,800**	**120**	17	180	260	**36**	--	--
3/31/12		100.02	--	16.85	--	83.17	**1,300**	91	**7,900**	**140**	14	220	320	**24**	--	--
6/2/12		100.02	--	16.60	--	83.42	**1,100**	240	**8,900**	**120**	16	210	300	**26**	--	--
9/30/12		100.02	--	17.61	--	82.41	**1,200**	190	**7,800**	**130**	22	220	300	30/<3[6]	--	--
12/15/12		100.02	--	17.00	--	83.02	**4,000**	<69	**18,000**	**150**	25	420	930	34/<3[6]	--	--
3/16/13		100.02	--	16.86	--	83.16	**9,700**	**520**	**21,000**	**120**	20	330	700	32/<5[6]	--	--
7/20/13		100.02	17.41	17.43	0.02	82.61	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
9/28/13		100.02	17.90	18.58	0.68	81.98	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
12/7/13		100.02	17.94	19.72	1.78	81.72	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/15/14		100.02	17.66	18.99	1.33	82.09	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
6/22/14		100.02	16.93	17.34	0.41	83.01	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
MW-10																
2/19/90		99.18	--	--	--	--	--	--	**89,400**	**431**	136	505	**1,990**	--	--	--
4/12/91		99.18	--	--	--	--	--	--	**5,000**	**200**	56	350	**1,200**	--	--	--
6/28/91		99.18	--	--	--	--	--	--	**5,700**	**250**	48	330	910	--	--	--
9/18/91		99.18	--	--	--	--	--	--	**6,200**	**230**	370	300	580	--	--	--
12/3/91		99.18	--	--	--	--	--	--	560	**210**	59	290	870	--	--	--
2/25/92		99.18	--	--	--	--	--	--	**5,000**	**160**	27	200	730	--	--	--

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CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-10 (cont)																
5/15/92		99.18	--	--	--	--	--	--	**5,200**	**190**	37	290	710	--	--	--
7/31/92		99.18	--	15.30	--	83.88	--	--	--	--	--	--	--	--	--	--
8/18/92		99.18	--	15.81	--	83.37	--	--	**5,900**	**180**	25	180	550	--	--	--
9/25/92		99.18	--	15.97	--	83.21	--	--	--	--	--	--	--	--	--	--
2/23/93		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/12/93		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/18/93		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/10/93		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/3/94		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/26/94		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/20/94		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/18/94		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/1/95		99.18	--	15.98	--	83.20	--	--	--	--	--	--	--	--	--	--
7/12/95		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/4/96		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/7/97		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/12/98		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/19/03		99.18	14.81	14.91	0.10	84.35	--	--	--	--	--	--	--	--	--	--
6/26/03		99.18	15.21	15.42	0.21	83.93	--	--	--	--	--	--	--	--	--	--
8/18/03		99.18	16.04	16.23	0.19	83.10	--	--	--	--	--	--	--	--	--	--
9/6/03		99.18	16.02	16.19	0.17	83.13	--	--	--	--	--	--	--	--	--	--
10/14/03		99.18	16.10	16.39	0.29	83.02	--	--	--	--	--	--	--	--	--	--
11/17/03		99.18	15.88	15.95	0.07	83.29	--	--	--	--	--	--	--	--	--	--
12/8/03		99.18	16.22	16.46	0.24	82.91	--	--	--	--	--	--	--	--	--	--
1/7/04		99.18	15.37	15.61	0.24	83.76	--	--	--	--	--	--	--	--	--	--
2/26/04		99.18	14.93	15.05	0.12	84.23	--	--	--	--	--	--	--	--	--	--
3/18/04		99.18	14.82	15.04	0.22	84.32	--	--	--	--	--	--	--	--	--	--
4/21/04		99.18	14.35	14.45	0.10	84.81	--	--	--	--	--	--	--	--	--	--
5/17/04		99.18	14.30	14.41	0.11	84.86	--	--	--	--	--	--	--	--	--	--
6/2/04		99.18	14.87	14.96	0.09	84.29	--	--	--	--	--	--	--	--	--	--
7/1/04		99.18	15.02	15.10	0.08	84.14	--	--	--	--	--	--	--	--	--	--

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CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-10 (cont)																
8/16/04		99.18	14.93	15.02	0.09	84.23	--	--	--	--	--	--	--	--	--	--
9/24/04		99.18	16.22	16.31	0.09	82.94	--	--	--	--	--	--	--	--	--	--
10/15/04		99.18	15.55	15.71	0.26	83.68	--	--	--	--	--	--	--	--	--	--
10/26/04		99.18	16.32	16.40	0.08	82.84	--	--	--	--	--	--	--	--	--	--
12/2/04		99.18	16.32	16.40	0.08	82.84	--	--	--	--	--	--	--	--	--	--
1/5/05		99.18	14.95	14.99	0.04	84.22	--	--	--	--	--	--	--	--	--	--
2/1/05		99.18	14.57	14.64	0.07	84.60	--	--	--	--	--	--	--	--	--	--
8/4/05		99.18	14.42	14.46	0.04	84.75	--	--	--	--	--	--	--	--	--	--
4/5/06		99.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/26/06		99.18	--	13.42	--	85.76	--	--	--	--	--	--	--	--	--	--
7/19/07		99.18	--	12.82	--	86.36	--	--	--	--	--	--	--	--	--	--
7/23/08		99.18	--	14.54	--	84.64	--	--	--	--	--	--	--	--	--	--
7/13/09		99.18	--	12.01	--	87.17	--	--	--	--	--	--	--	--	--	--
12/17-18/09		99.18	--	11.29	--	87.89	310	<69	**2,300**	**230**	28	2.9	9.3	<2.5	--	--
3/17/10		99.18	--	11.36	--	87.82	**2,200**	200	**88,000**	**4,900**	**16,000**	**1,200**	**7,600**	<500	--	--
06/22-23/10		99.18	--	11.79	--	87.39	**1,500**	<70	**56,000**	**17**	**2,000**	**1,300**	**11,000**	<63	--	--
9/13/10		99.18	--	15.71	--	83.47	**30,000**	<1,700	**37,000**	**490**	**1,400**	**990**	**5,000**	<13	--	--
12/20/10		99.18	--	15.92	--	83.26	**9,900**	<1,400	**23,000**	**330**	650	620	**2,900**	<25	--	--
6/16/11		99.18	--	15.79	--	83.39	**3,800**	<690	**11,000**	**230**	30	370	630	<20	--	--
9/23/11		99.18	--	16.70	--	82.48	**14,000**	<1,300	**7,700**	**250**	25	380	460	<50	--	--
1/14/12		99.18	16.90	17.20	0.30	82.22	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/31/12		99.18	--	16.35	--	82.83	**9,800**	<79	**11,000**	**190**	18	330	450	**29**	--	--
6/2/12		99.18	16.00	16.20	0.20	83.14	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
9/30/12		99.18	16.95	17.02	0.07	82.22	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
12/15/12		99.18	16.50	16.58	0.08	82.66	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/16/13		99.18	16.27	16.42	0.15	82.88	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
7/20/13		99.18	16.70	17.18	0.48	82.38	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
9/28/13		99.18	17.18	18.08	0.90	81.82	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
12/7/13		99.18	17.30	18.84	1.54	81.57	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/15/14		99.18	16.87	19.06	2.19	81.87	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
6/22/14		99.18	16.12	17.66	1.54	82.75	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-11																
2/19/90		98.43	--	--	--	--	--	--	**244,000**	**342**	**5,430**	**2,150**	**9,020**	--	--	--
4/12/91		98.43	--	--	--	--	--	--	ND	ND	**3,300**	**1,700**	**9,500**	--	--	--
6/28/91		98.43	--	--	--	--	--	--	**45,000**	**220**	**5,400**	**2,200**	**11,000**	--	--	--
9/18/91		98.43	--	--	--	--	--	--	**58,000**	**210**	**4,900**	**2,000**	**9,900**	--	--	--
12/3/91		98.43	--	--	--	--	--	--	**41,000**	**210**	**5,100**	**2,000**	**9,700**	--	--	--
2/25/92		98.43	--	--	--	--	--	--	**47,000**	**190**	**4,500**	**1,700**	**8,400**	--	--	--
5/15/92		98.43	--	--	--	--	--	--	**34,000**	**61**	420	**750**	**4,700**	--	--	--
7/31/92		98.43	--	15.18	--	83.25	--	--	--	--	--	--	--	--	--	--
8/18/92		98.43	--	15.31	--	83.12	--	--	**70,000**	**210**	**6,700**	210	**1,100**	--	--	--
9/25/92		98.43	--	15.00	--	83.43	--	--	--	--	--	--	--	--	--	--
2/23/93		98.43	--	15.15	--	83.28	--	--	**52,000**	**150**	**4,100**	**1,700**	**7,900**	--	--	--
5/12/93		98.43	--	14.76	--	83.67	--	--	**57,000**	**200**	**5,200**	**2,000**	**9,400**	--	--	--
8/18/93		98.43	--	14.79	--	83.64	--	--	**52,000**	**130**	**4,100**	**1,800**	**8,300**	--	--	--
11/10/93		98.43	--	15.19	--	83.24	--	--	**51,000**	**160**	**3,500**	**1,800**	**6,300**	--	--	--
2/3/94		98.43	--	14.81	--	83.62	--	--	**33,000**	**74**	**1,900**	**880**	**3,300**	--	--	--
4/26/94		98.43	--	14.11	--	84.32	--	--	**26,000**	**39**	270	170	**2,600**	--	--	--
7/20/94		98.43	--	14.51	--	83.92	--	--	**18,000**	ND	45	85	540	--	--	--
10/18/94		98.43	--	15.32	--	83.11	--	--	**38,000**	**130**	**3,300**	**830**	**4,200**	--	--	--
2/1/95		98.43	--	15.73	--	82.70	--	--	**100,000**	**170**	**3,600**	**2,000**	**11,000**	--	--	--
7/12/95		98.43	--	13.98	--	84.45	--	--	**16,000**	**22**	260	200	**1,200**	--	--	--
1/4/96		98.43	--	14.75	--	83.68	--	--	**52,000**	**170**	**4,700**	**1,500**	**7,800**	--	--	--
1/7/97		98.43	14.00	14.00	Sheen	84.43	--	--	**37,200**	**74.9**	**2,390**	**1,100**	**5,760**	--	--	--
2/12/98		98.43	--	14.85	--	83.58	--	--	**13,100**	**52.4**	184	374	**2,150**	--	--	--
5/31/99	NP	98.43	--	14.92	--	83.51	--	--	**17,000**	**41.3**	137	40.8	**2,540**	--	--	--
6/8/00		98.43	15.56	15.56	Sheen	82.87	--	--	**51,700**	**215**	**4,980**	**1,850**	**8,960**	ND	--	--
1/30/01		98.43	16.75	16.30	0.45	81.59	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
4/11/01		98.43	16.88	15.87	1.01	81.35	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
7/28/01		98.43	16.19	16.03	0.16	82.21	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/15/01		98.43	16.39	15.68	0.71	81.90	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
1/5/02		98.43	15.60	15.49	0.11	82.81	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
4/2/02	NP	98.43	--	15.32	--	83.11	--	--	**71,000**	**130**	**5,100**	**2,000**	**11,000**	<20	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-11 (cont)																
6/26/02		98.43	15.69	15.78	0.09	82.72	--	--	--	--	--	--	--	--	--	--
7/11/02		98.43	15.84	15.90	0.06	82.58	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
8/29/02		98.43	16.21	16.29	0.08	82.20	--	--	--	--	--	--	--	--	--	--
9/7/02		98.43	15.91	15.96	0.05	82.51	--	--	--	--	--	--	--	--	--	--
10/10/02		98.43	16.20	16.94	0.74	82.08	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
11/22/02		98.43	15.88	15.94	0.06	82.54	--	--	--	--	--	--	--	--	--	--
12/11/02		98.43	15.77	15.89	0.12	82.64	--	--	--	--	--	--	--	--	--	--
1/10/03		98.43	15.98	17.61	1.63	82.12	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
2/13/03		98.43	15.89	16.93	1.04	82.33	--	--	--	--	--	--	--	--	--	--
3/5/03		98.43	15.78	16.77	0.99	82.45	--	--	--	--	--	--	--	--	--	--
4/21/03		98.43	14.86	14.91	0.05	83.56	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
5/19/03		98.43	14.73	14.76	0.03	83.69	--	--	--	--	--	--	--	--	--	--
6/5/03		98.43	14.94	15.01	0.07	83.48	--	--	--	--	--	--	--	--	--	--
6/26/03		98.43	15.18	15.20	0.02	83.25	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
8/18/03		98.43	16.01	16.05	0.04	82.41	--	--	--	--	--	--	--	--	--	--
9/6/03		98.43	16.01	16.04	0.03	82.41	--	--	--	--	--	--	--	--	--	--
10/14/03	NP	98.43	--	15.90	0.00	82.53	--	--	**65,000**	**72**	**3,600**	**1,700**	**8,600**	<100	--	--
11/17/03		98.43	15.82	15.98	0.16	82.58	--	--	--	--	--	--	--	--	--	--
12/8/03		98.43	15.95	15.97	0.02	82.48	--	--	--	--	--	--	--	--	--	--
1/7/04		98.43	15.46	15.49	0.03	82.96	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
2/26/04		98.43	14.93	14.96	0.03	83.49	--	--	--	--	--	--	--	--	--	--
3/18/04		98.43	15.13	15.16	0.03	83.29	--	--	--	--	--	--	--	--	--	--
4/21/04		98.43	14.64	14.66	0.02	83.79	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
5/17/04		98.43	14.60	14.62	0.02	83.83	--	--	--	--	--	--	--	--	--	--
6/2/04		98.43	15.20	15.22	0.02	83.23	--	--	--	--	--	--	--	--	--	--
7/1/04	NP	98.43	--	15.01	0.00	83.42	--	--	**59,000**	**44**	**2,200**	**980**	**9,000**	<25	--	--
8/16/04		98.43	15.31	15.33	0.02	83.12	--	--	--	--	--	--	--	--	--	--
9/24/04		98.43	16.03	16.05	0.02	82.40	--	--	--	--	--	--	--	--	--	--
10/15/04	NP	98.43	--	15.35	0.00	83.08	--	--	**53,000**	**72**	**2,900**	**1,400**	**8,400**	<200	--	--
10/26/04		98.43	16.00	16.02	0.02	82.43	--	--	--	--	--	--	--	--	--	--
12/2/04		98.43	15.86	15.89	0.03	82.56	--	--	--	--	--	--	--	--	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-11 (cont)																
1/5/05		98.43	15.11	15.14	0.03	83.31	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
2/1/05		98.43	15.05	15.08	0.03	83.37	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
8/4/05		98.43	15.45	15.48	0.03	82.97	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
4/5/06		98.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/26/06	NP	98.43	--	13.42	--	85.01	--	--	<48	1.0	<0.5	0.6	2.0	<2.5	--	--
7/19/07	NP	98.43	--	12.31	--	86.12	--	--	<50	1.5	<0.5	<0.5	<1.5	<10	--	--
7/23/08	NP	98.43	--	14.45	--	83.98	--	--	530	<0.5	<2.0	1.5	8.0	<2.5	--	--
7/13/09	NP	98.43	--	11.64	--	86.79	--	--	**4,500**	**530**	95	170	640	<5.0	--	--
12/17-18/09		98.43	--	11.40	--	87.03	230	<70	**3,800**	**510**	610	23	95	<13	--	--
3/17/10		98.43	--	11.31	--	87.12	400	430	**57,000**	**2,900**	**9,700**	**840**	**6,200**	<63	--	--
06/22-23/10		98.43	--	11.64	--	86.79	**870**	<68	**41,000**	**64**	**1,600**	**940**	**6,700**	<25	--	--
9/13/10		98.43	--	15.16	--	83.27	**25,000**	<1,700	**42,000**	**99**	**1,200**	**760**	**5,300**	<25	--	--
12/21/10		98.43	--	15.33	--	83.10	**1,600**	<350	**40,000**	**390**	**2,700**	**720**	**4,900**	**59**	--	--
6/16/11		98.43	--	15.08	--	83.35	**3,800**	<680	**33,000**	**490**	**1,800**	600	**3,000**	<25	--	--
9/23/11		98.43	--	16.00	--	82.43	**600**	<68	**21,000**	**630**	**1,200**	610	**2,200**	**74**	--	--
1/14/12		98.43	16.25	16.50	0.25	82.13	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/31/12		98.43	--	15.60	0.00	82.83	**1,800**	<69	**26,000**	**340**	690	320	**1,300**	**93**	--	--
6/2/12		98.43	15.35	15.55	0.20	83.04	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
9/30/12		98.43	--	16.18	--	82.25	**2,900**	120	**18,000**	**260**	290	490	**1,400**	87/<5[6]	--	--
12/15/12		98.43	16.02	16.18	0.16	82.38	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/16/13		98.43	15.64	15.66	0.02	82.79	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
7/20/13		98.43	16.13	16.15	0.02	82.30	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
9/28/13		98.43	16.65	17.10	0.45	81.69	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
12/7/13		98.43	16.60	18.56	1.96	81.44	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/15/14		98.43	16.22	18.94	2.72	81.67	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
6/22/14		98.43	15.72	16.00	0.28	82.65	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
MW-12																
2/25/92		100.50	--	--	--	--	--	--	**130,000**	**16,000**	**31,000**	**2,800**	**20,000**	--	--	--
5/15/92		100.50	--	--	--	--	--	--	**109,000**	**12,000**	**28,000**	**2,100**	**16,000**	--	--	--
7/31/92		100.50	--	15.54	--	84.96	--	--	--	--	--	--	--	--	--	--
8/18/92		100.50	--	15.80	--	84.70	--	--	**210,000**	**24,000**	**40,000**	**2,800**	**17,000**	--	--	--
9/25/92		100.50	--	15.64	--	84.86	--	--	--	--	--	--	--	--	--	--

TABLE 1
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CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-12 (cont)																
2/23/93		100.50	--	15.99	--	84.51	--	--	**140,000**	**20,000**	**31,000**	**1,600**	**12,000**	--	--	--
5/12/93		100.50	--	15.55	--	84.95	--	--	**120,000**	**19,000**	**29,000**	**1,700**	**15,000**	--	--	--
8/18/93		100.50	--	15.57	--	84.93	--	--	**160,000**	**21,000**	**39,000**	**2,500**	**18,000**	--	--	--
11/10/93		100.50	--	16.12	--	84.38	--	--	**160,000**	**21,000**	**35,000**	**3,000**	**14,000**	--	--	--
2/3/94		100.50	--	15.76	--	84.74	--	--	**130,000**	**21,000**	**43,000**	**2,100**	**13,000**	--	--	--
4/26/94		100.50	--	15.29	--	85.21	--	--	**200,000**	**20,000**	**37,000**	**3,100**	**16,000**	--	--	--
7/20/94		100.50	--	16.39	--	84.11	--	--	**240,000**	**26,000**	**41,000**	**4,000**	**24,000**	--	--	--
10/18/94		100.50	19.65	21.89	2.24	80.40	--	--	--	--	--	--	--	--	--	--
2/1/95		100.50	19.00	20.75	1.75	81.15	--	--	--	--	--	--	--	--	--	--
7/12/95		100.50	--	16.48	--	84.02	--	--	**100,000**	**12,000**	**21,000**	**1,500**	**12,000**	--	--	--
1/4/96		100.50	--	15.01	--	85.49	--	--	**1,100,000**	ND	ND	**1,800**	**37,000**	--	--	--
1/7/97		100.50	16.70	16.70	Sheen	83.80	--	--	**471,000**	**9,700**	**21,500**	**3,210**	**34,600**	--	--	--
2/12/98		100.50	--	16.30	--	84.20	--	--	**176,000**	**17,200**	**27,700**	**2,270**	**21,400**	--	--	--
5/31/99	NP	100.50	--	16.33	--	84.17	--	--	**131,000**	**4,680**	**14,500**	**1,510**	**22,400**	--	--	--
6/8/00		100.50	17.19	17.19	Sheen	83.31	--	--	**153,000**	**12,500**	**24,300**	**2,680**	**25,800**	ND	--	--
1/30/01		100.50	18.34	18.31	0.03	82.21	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
4/11/01		100.50	--	17.11	--	83.39	--	--	**219,000**	**15,200**	**23,700**	**2,420**	**27,900**	--	--	--
7/28/01		100.50	--	16.78	--	83.72	--	--	**170,000**	**12,400**	**23,100**	**2,370**	**27,100**	--	--	--
10/15/01		100.50	--	16.96	--	83.54	--	--	**168,000**	**12,300**	**21,200**	**2,010**	**25,300**	--	--	--
1/5/02		100.50	--	15.54	--	84.96	--	--	**131,000**	**9,870**	**17,500**	**1,810**	**24,300**	--	--	--
NOT MONITORED/SAMPLED			--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17-18/09		100.50	--	16.69	--	83.81	**9,300**	**1,700**	**200,000**	**4,100**	**4,700**	620	**18,000**	<50	--	--
3/17/10		100.50	--	15.98	--	84.52	**25,000**	<3,500	**200,000**	**4,300**	**7,200**	**980**	**19,000**	<50	--	--
06/22-23/10		100.50	--	15.29	--	85.21	**48,000**	**6,500**	**140,000**	**3,000**	**5,300**	610	**18,000**	<130	--	--
9/13/10		100.50	--	17.29	--	83.21	**7,500**	<730	**130,000**	**10,000**	**17,000**	**1,800**	**17,000**	<500	--	--
12/20/10		100.50	--	17.27	--	83.23	**3,900**	<360	**120,000**	**8,800**	**12,000**	**1,600**	**12,000**	**230**	--	--
6/16/11		100.50	--	17.11	--	83.39	**2,800**	<350	**110,000**	**7,400**	**13,000**	**1,500**	**15,000**	<500	--	--
9/23/11		100.50	--	18.17	--	82.33	**1,300**	460	**130,000**	**14,000**	**21,000**	**2,400**	**17,000**	**270**	--	--
1/14/12		100.50	18.40	18.62	0.22	82.06	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/31/12		100.50	--	17.75	--	82.75	**3,800**	**640**	**110,000**	**11,000**	**12,000**	**2,300**	**15,000**	**400**	--	--
6/2/12		100.50	--	20.90	--	79.60	INSUFFICIENT WATER TO SAMPLE				--	--	--	--	--	--

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Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-12 (cont)																
9/30/12		100.50	--	18.45	--	82.05	**2,200**	**660**	**130,000**	**14,000**	**20,000**	**2,700**	**18,000**	240/<10[6]	--	--
12/15/12		100.50	--	17.81	--	82.69	**2,100**	210	**96,000**	**11,000**	**17,000**	**2,700**	**16,000**	310/<5[6]	--	--
3/16/13		100.50	--	17.49	--	83.01	**1,900**	230	**130,000**	**9,200**	**18,000**	**2,600**	**18,000**	250/<5[6]	--	--
7/20/13		100.50	--	18.07	--	82.43	**930**	210	**170,000**	**14,000**	**25,000**	**3,200**	**23,000**	300/<10[6]	--	**28.5**
9/28/13		100.50	18.67	18.86	0.19	81.79	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
12/7/13		100.50	19.33	19.40	0.07	81.16	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/15/14		100.50	18.27	18.58	0.31	82.17	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
6/22/14		100.50	17.68	17.70	0.02	82.82	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
MW-13																
2/19/90		99.01	--	--	--	--	--	--	ND	ND	45	78	176	--	--	--
4/12/91		99.01	--	--	--	--	--	--	3,100	5.9	13	79	140	--	--	--
6/28/91		99.01	--	--	--	--	--	--	2,300	30	6.9	100	120	--	--	--
9/18/91		99.01	--	--	--	--	--	--	3,700	14	6.9	50	94	--	--	--
12/3/91		99.01	--	--	--	--	--	--	2,500	26	5.6	110	85	--	--	--
2/25/92		99.01	--	--	--	--	--	--	2,400	27	ND	91	89	--	--	--
5/15/92		99.01	--	--	--	--	--	--	650	6.3	0.83	24	15	--	--	--
7/31/92		99.01	--	15.38	--	83.63	--	--	--	--	--	--	--	--	--	--
8/18/92		99.01	--	15.35	--	83.66	--	--	2,900	1.9	2.1	35	15	--	--	--
9/25/92		99.01	--	15.68	--	83.33	--	--	--	--	--	--	--	--	--	--
2/23/93		99.01	--	15.38	--	83.63	--	--	2,100	4.6	3.6	31	35	--	--	--
5/13/93		99.01	--	15.01	--	84.00	--	--	**2,400**	**21**	ND	160	140	--	--	--
8/18/93		99.01	--	14.92	--	84.09	--	--	**1,800**	3.5	1.9	25	20	--	--	--
11/10/93		99.01	--	15.45	--	83.56	--	--	**1,700**	**7.8**	2.0	14	21	--	--	--
2/3/94		99.01	--	15.27	--	83.74	--	--	**2,300**	4.7	4.2	47	53	--	--	--
4/26/94		99.01	--	14.75	--	84.26	--	--	**3,100**	**15**	5.2	73	45	--	--	--
7/20/94		99.01	--	15.23	--	83.78	--	--	**3,200**	**5.3**	6.4	140	88	--	--	--
10/18/94		99.01	--	16.17	--	82.84	--	--	**4,600**	**8.3**	8.9	160	64	--	--	--
2/1/95		99.01	--	15.86	--	83.15	--	--	**4,900**	**26**	17	120	120	--	--	--
7/12/95		99.01	--	15.45	--	83.56	--	--	**2,800**	**20**	3.6	98	23	--	--	--
1/4/96		99.01	--	15.01	--	84.00	--	--	**4,700**	**36**	7.9	170	82	--	--	--
1/7/97		99.01	--	14.25	--	84.76	--	--	474	ND	ND	ND	2.86	--	--	--
2/12/98		99.01	--	15.09	--	83.92	--	--	ND	ND	ND	ND	ND	--	--	--

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Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-13 (cont)																
5/31/99	NP	99.01	--	15.27	--	83.74	--	--	ND	0.518	ND	ND	ND	--	--	--
6/8/00		99.01	--	15.89	--	83.12	--	--	--	--	--	--	--	--	--	--
1/30/01		99.01	--	16.41	--	82.60	--	--	**4,060**	**12.2**	5.29	88.2	53.9	--	--	--
4/11/01		99.01	--	16.44	--	82.57	--	--	**4,630**	**7.09**	3.32	116	87.0	--	--	--
7/28/01		99.01	--	16.49	--	82.52	--	--	**4,580**	**8.08**	5.39	99.6	72.2	--	--	--
10/15/01		99.01	--	16.77	--	82.24	--	--	**4,120**	4.74	2.88	38.0	37.3	--	--	--
1/5/02		99.01	--	15.66	--	83.35	--	--	**4,620**	3.40	3.68	61.2	34.3	--	--	--
4/2/02	NP	99.01	--	15.33	--	83.68	--	--	**4,000**	<0.50	<1.0	26	7.2	<5.0	--	--
7/11/02	NP	99.01	--	15.91	--	83.10	--	--	**10,000**	1.5	6.0	31	110	<2.5	--	--
10/10/02	NP	99.01	--	16.48	--	82.53	--	--	**4,600**	2.8	9.9	15	110	<20	--	--
1/10/03	NP	99.01	--	16.23	--	82.78	--	--	**2,500**	<5.0	0.73	0.75	2.2	<20	--	--
4/21/03	NP	99.01	--	14.81	--	84.20	--	--	**2,200**	<5.0	1	1.6	<3.0	<10	--	--
6/26/03		99.01	15.18	15.20	0.02	83.83	--	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/14/03	NP	99.01	--	16.12	--	82.89	--	--	**2,300**	2.1	<1.0	9.3	4.1	<10	--	--
1/7/04	NP	99.01	--	15.22	--	83.79	--	--	**2,300**	<2.0	0.5	3.1	2.1	<5.0	--	--
4/21/04	NP	99.01	--	14.88	--	84.13	--	--	**2,100**	2.5	1.8	48	25	<50	--	--
7/1/04	NP	99.01	--	15.20	--	83.81	--	--	**2,600**	<5.0	1.4	28	14	<5.0	--	--
10/15/04	NP	99.01	--	15.60	--	83.41	--	--	**1,700**	1.8	<1.0	7.9	<9.0	<10	--	--
1/5/05	NP	99.01	--	15.27	--	83.74	--	--	**1,600**	<5.0	0.6	7.0	<3.0	<5.0	--	--
8/4/05	NP	99.01	--	14.72	--	84.29	--	--	**1,200**	1.6	<0.5	1.7	<3.0	<2.5	--	--
07/26/06	NP	99.01	--	13.90	--	85.11	--	--	54	1.8	<0.5	<0.5	<1.5	<2.5	--	--
7/19/07	NP	99.01	--	13.30	--	85.71	--	--	93	1.9	<0.5	<0.5	<1.5	<10	--	--
7/23/08	NP	99.01	--	14.71	--	84.30	--	--	100	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/13/09	NP	99.01	--	12.67	--	86.34	--	--	<50	**16**	<0.5	<0.5	<1.5	<2.5	--	--
12/17-18/09		99.01	--	12.22	--	86.79	<29	<67	93	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/17/10		99.01	--	12.13	--	86.88	**2,200**	**630**	**4,100**	**58**	<10	5.7	15	4.3	--	--
06/22-23/10		99.01	--	12.27	--	86.74	**700**	<70	**23,000**	**70**	91	470	**4,000**	<25	--	--
9/13/10		99.01	--	15.57	--	83.44	**2,000**	<340	**4,400**	**450**	300	82	100	<13	--	--
12/21/10		99.01	--	15.77	--	83.24	**910**	270	**3,900**	**290**	55	69	68	**34**	--	--
6/16/11		99.01	--	15.43	--	83.58	**2,000**	<350	**4,900**	**210**	12	74	89	<50	--	--
9/23/11		99.01	--	16.25	--	82.76	**730**	<69	**4,500**	**190**	8.8	80	85	<50	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-13 (cont)																
1/14/12		99.01	--	16.55	--	82.46	**1,700**	140	**4,300**	**160**	8.2	78	60	**38**	--	--
3/31/12		99.01	--	15.90	--	83.11	**4,300**	89	**4,500**	**200**	8.5	100	80	**36**	--	--
6/2/12		99.01	--	15.60	--	83.41	**3,300**	240	**4,200**	**140**	7.8	110	83	**33**	--	--
9/30/12		99.01	--	16.54	--	82.47	**500**	96	**3,400**	**110**	8.3	96	84	19/<0.5[6]	--	--
12/15/12		99.01	--	16.20	--	82.81	**17,000**	380	**14,000**	**100**	8.5	99	100	17/<3[6]	--	--
3/16/13		99.01	--	16.06	--	82.95	**2,100**	<76	**9,000**	**83**	8.0	100	97	18/<3[6]	--	--
7/20/13		99.01	16.41	16.43	0.02	82.60	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
9/28/13		99.01	17.04	17.54	0.50	81.87	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
12/7/13		99.01	17.32	17.88	0.56	81.58	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
3/15/14		99.01	16.95	17.28	0.33	81.99	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
6/22/14		99.01	16.09	16.44	0.35	82.85	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--
MW-14																
2/19/90		99.53	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
4/12/91		99.53	--	--	--	--	--	--	ND	7.2	13	75	130	--	--	--
6/28/91		99.53	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
9/18/91		99.53	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
12/3/91		99.53	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
2/25/92		99.53	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
5/15/92		99.53	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
7/31/92		99.53	--	18.08	--	81.45	--	--	--	--	--	--	--	--	--	--
8/18/92		99.53	--	18.19	--	81.34	--	--	ND	ND	ND	ND	ND	--	--	--
9/25/92		99.53	--	18.10	--	81.43	--	--	--	--	--	--	--	--	--	--
2/23/93		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/12/93		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/18/93		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/10/93		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/3/94		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/26/94		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/20/94		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/18/94		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/1/95		99.53	--	18.72	--	80.81	--	--	--	--	--	--	--	--	--	--
7/12/95		99.53	--	18.54	--	80.99	--	--	ND	ND	ND	ND	ND	--	--	--

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CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-14 (cont)																
1/4/96		99.53	--	18.28	--	81.25	--	--	ND	ND	ND	ND	ND	--	--	--
1/7/97		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/12/98		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/31/99		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/8/00		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/30/01		99.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/11/01		99.53	--	18.75	--	80.78	--	--	<50.0	<0.500	<0.500	0.520	2.22	--	--	--
7/28/01		99.53	--	19.23	--	80.30	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
10/15/01		99.53	--	19.45	--	80.08	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
1/5/02		99.53	--	17.21	--	82.32	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
4/2/02		99.53	--	16.63	--	82.90	--	--	--	--	--	--	--	--	--	--
7/11/02		99.53	--	18.52	--	81.01	--	--	--	--	--	--	--	--	--	--
10/10/02		99.53	--	18.96	--	80.57	--	--	--	--	--	--	--	--	--	--
1/10/03		99.53	--	18.55	--	80.98	--	--	--	--	--	--	--	--	--	--
4/21/03		99.53	--	17.13	--	82.40	--	--	--	--	--	--	--	--	--	--
6/26/03		99.53	--	17.52	--	82.01	--	--	--	--	--	--	--	--	--	--
10/14/03		99.53	--	18.42	--	81.11	--	--	--	--	--	--	--	--	--	--
1/7/04		99.53	--	17.51	--	82.02	--	--	--	--	--	--	--	--	--	--
4/21/04		99.53	--	17.11	--	82.42	--	--	--	--	--	--	--	--	--	--
7/1/04		99.53	--	17.50	--	82.03	--	--	--	--	--	--	--	--	--	--
10/15/04		99.53	--	17.53	--	82.00	--	--	--	--	--	--	--	--	--	--
1/5/05		99.53	--	17.41	--	82.12	--	--	--	--	--	--	--	--	--	--
8/4/05		99.53	--	17.12	--	82.41	--	--	--	--	--	--	--	--	--	--
07/26/06		99.53	--	17.00	--	82.53	--	--	--	--	--	--	--	--	--	--
7/19/07		99.53	--	16.98	--	82.55	--	--	--	--	--	--	--	--	--	--
7/23/08		99.53	--	16.56	--	82.97	--	--	--	--	--	--	--	--	--	--
7/13/09		99.53	--	15.57	--	83.96	--	--	--	--	--	--	--	--	--	--
12/17-18/09		99.53	--	15.56	--	83.97	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/17/10		99.53	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
06/22-23/10		99.53	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
9/13/10		99.53	--	17.79	--	81.74	<29	130	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--

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CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-14 (cont)																
12/21/10		99.53	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
6/16/11		99.53	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
9/23/11		99.53	--	18.55	--	80.98	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
1/14/12		99.53	--	18.90	--	80.63	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/31/12		99.53	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--	--	--
6/2/12		99.53	--	18.20	--	81.33	79	<72	**3,700**	**500**	18	280	31	**48**	--	--
9/30/12		99.53	--	18.76	--	80.77	<30	<69	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/15/12		99.53	--	15.94	--	83.59	<28	<66	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/16/13		99.53	--	18.23	--	81.30	<30	<69	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/21/13		99.53	--	15.23	--	84.30	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/28/13		99.53	--	15.80	--	83.73	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/7/13		99.53	--	15.91	--	83.62	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/15/14		99.53	--	16.11	--	83.42	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/22/14		99.53	--	12.32	--	87.21	<15	<34	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
MW-15																
03/08/01		98.83	--	16.80	--	82.03	--	--	--	--	--	--	--	--	--	--
4/11/01		98.83	--	17.09	--	81.74	--	--	<50.0	0.714	<0.500	<0.500	<1.00	--	<0.00100	--
7/28/01		98.83	--	16.99	--	81.84	--	--	<50.0	0.655	<0.500	<0.500	<1.00	--	0.00221	--
10/15/01		98.83	--	17.10	--	81.73	--	--	<50.0	0.589	<0.500	<0.500	<1.00	--	<0.00100[4]	--
1/5/02		98.83	--	16.26	--	82.57	--	--	62.3	1.24	<0.500	<0.500	<1.00	--	<0.00100	--
4/2/02		98.83	--	15.70	--	83.13	--	--	--	--	--	--	--	--	--	--
7/11/02		98.83	--	16.06	--	82.77	--	--	--	--	--	--	--	--	--	--
10/10/02		98.83	--	16.46	--	82.37	--	--	--	--	--	--	--	--	--	--
1/10/03		98.83	--	16.14	--	82.69	--	--	--	--	--	--	--	--	--	--
4/21/03		98.83	--	15.63	--	83.20	--	--	--	--	--	--	--	--	--	--
6/26/03		98.83	--	16.07	--	82.76	--	--	--	--	--	--	--	--	--	--
10/14/03		98.83	--	16.11	--	82.72	--	--	--	--	--	--	--	--	--	--
1/7/04		98.83	--	15.23	--	83.60	--	--	--	--	--	--	--	--	--	--
4/21/04		98.83	--	15.60	--	83.23	--	--	--	--	--	--	--	--	--	--
7/1/04		98.83	--	16.04	--	82.79	--	--	--	--	--	--	--	--	--	--
10/15/04		98.83	--	16.09	--	82.74	--	--	--	--	--	--	--	--	--	--
1/5/05		98.83	--	15.92	--	82.91	--	--	--	--	--	--	--	--	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-15 (cont)																
8/4/05		98.83	--	15.59	--	83.24	--	--	--	--	--	--	--	--	--	--
07/26/06		98.83	--	15.46	--	83.37	--	--	--	--	--	--	--	--	--	--
7/19/07		98.83	--	16.30	--	82.53	--	--	--	--	--	--	--	--	--	--
7/23/08		98.83	--	16.38	--	82.45	--	--	--	--	--	--	--	--	--	--
7/13/09		98.83	--	15.35	--	83.48	--	--	--	--	--	--	--	--	--	--
12/17-18/09		98.83	--	15.58	--	83.25	400	320	<50	0.8	<0.5	<0.5	<1.5	5.6	--	--
3/17/10		98.83	--	15.25	--	83.58	48	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/22-23/10		98.83	--	14.69	--	84.14	42	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/13/10		98.83	--	16.54	--	82.29	<29	91	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/21/10		98.83	--	16.58	--	82.25	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/16/11		98.83	--	16.66	--	82.17	47	110	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/23/11		98.83	--	17.37	--	81.46	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
1/14/12		98.83	--	17.60	--	81.23	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/31/12		98.83	--	17.05	--	81.78	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/2/12		98.83	--	16.80	--	82.03	<30	<70	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/30/12		98.83	--	17.58	--	81.25	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/15/12		98.83	--	16.95	--	81.88	<29	<68	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/16/13		98.83	--	16.85	--	81.98	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/21/13		98.83	--	17.16	--	81.67	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/28/13		98.83	--	13.83	--	85.00	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/7/13		98.83	--	17.68	--	81.15	<28	<66	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/15/14		98.83	--	17.41	--	81.42	<29	<67	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/22/14		98.83	--	17.03	--	81.80	<15	<34	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
MW-16																
03/08/01		97.80	--	16.40	--	81.40	--	--	--	--	--	--	--	--	--	--
4/11/01		97.80	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--	--	--
6/14/01		97.80	--	16.71	--	81.09	--	--	**2,950**	**52.7**	14.4	217	123	34.1/<5.00[6]	<0.00100	--
7/28/01		97.80	--	16.81	--	80.99	--	--	**1,620**	**46.5**	13.5	122	112	--/<5.0[6]	0.00332	--
10/15/01		97.80	--	17.00	--	80.80	--	--	**3,380**	**111**	28.5	257	211	--/<0.500[6]	<0.00100[4]	--
1/5/02		97.80	--	16.46	--	81.34	--	--	**3,300**	**109**	18.2	247	214	--/<5.00[6]	<0.00100	--
4/2/02	NP	97.80	--	16.32	--	81.48	--	--	**3,900**	**97**	17	230	190	<2.5	--	--
7/11/02	NP	97.80	--	16.50	--	81.30	--	--	**2,900**	**54**	12	160	120	<6.0	--	--

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Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-16 (cont.)																
10/10/02	NP	97.80	--	16.89	--	80.91	--	--	**2,500**	**55**	7.6	140	88	<20	--	--
1/10/03	NP	97.80	--	16.84	--	80.96	--	--	**3,000**	**61**	8.2	140	92	<50	--	--
4/21/03	NP	97.80	--	15.82	--	81.98	--	--	**2,500**	**57**	6.6	110	97	<5.0	--	--
6/26/03	NP	97.80	--	16.11	--	81.69	--	--	**3,900**	**86**	10	180	160	<10	--	--
10/14/03	NP	97.80	--	16.49	--	81.31	--	--	**3,800**	**60**	9.0	150	130	<10	--	--
1/7/04		97.80	INACCESSIBLE - WELL FROZEN SHUT				--	--	--	--	--	--	--	--	--	--
4/21/04	NP	97.80	--	15.81	--	81.99	--	--	**2,200**	**54**	9.9	110	120	<10	--	--
7/1/04	NP	97.80	--	16.09	--	81.71	--	--	**3,900**	**92**	16	190	180	<10	--	--
10/15/04	NP	97.80	--	16.11	--	81.69	--	--	**2,000**	**61**	7.1	120	100	<20	--	--
1/5/05	NP	97.80	--	15.98	--	81.82	--	--	**2,300**	**65**	8.4	120	110	<10	--	--
8/4/05	NP	97.80	--	15.81	--	81.99	--	--	**3,900**	**89**	17	220	200	<5.0	--	--
07/26/06	NP	97.80	--	14.95	--	82.85	--	--	**9,100**	**19**	13	290	560	<50	--	--
7/19/07	NP	97.80	--	14.28	--	83.52	--	--	140	2.0	0.5	1.5	3.8	<10	--	--
7/23/08	NP	97.80	--	15.11	--	82.69	--	--	230	1.5	0.6	15	2.1	<2.5	--	--
7/13/09	NP	97.80	--	13.50	--	84.30	--	--	490	1.9	0.8	2.3	10	<5.0	--	--
12/17-18/09		97.80	--	13.24	--	84.56	77	<71	**6,600**	**11**	8.5	200	320	<20	--	--
3/17/10		97.80	--	13.26	--	84.54	<140	390	**2,100**	**9.2**	5.2	41	77	13	--	--
06/22-23/10		97.80	--	13.15	--	84.65	91	<69	**3,000**	**53**	12	98	130	<20	--	--
9/13/10		97.80	--	15.50	--	82.30	380	170	**6,500**	**150**	48	260	120	<20	--	--
12/21/10		97.80	--	15.54	--	82.26	200	<71	**6,000**	**300**	68	350	95	**66**	--	--
6/16/11		97.80	--	15.34	--	82.46	230	180	**4,800**	**370**	57	350	70	<50	--	--
9/23/11		97.80	--	16.00	--	81.80	62	<71	**4,400**	**580**	80	390	120	**31**	--	--
1/14/12		97.80	--	16.25	--	81.55	32	<68	**4,000**	**500**	27	360	46	**53**	--	--
3/31/12		97.80	--	15.80	--	82.00	54	<70	**3,300**	**490**	21	310	33	**45**	--	--
6/2/12		97.80	--	16.45	--	81.35	56	<68	**3,600**	**530**	18	270	28	**46**	--	--
9/30/12		97.80	--	16.18	--	81.62	50	<70	**2,800**	**370**	14	310	42	39/<0.5[6]	--	--
12/15/12		97.80	--	15.98	--	81.82	60	<69	**2,900**	**330**	12	280	34	<39	--	--
3/16/13		97.80	--	15.77	--	82.03	57	<71	**3,200**	**290**	11	250	28	37/<3[6]	--	--
7/21/13		97.80	--	16.13	--	81.67	95	<67	**3,000**	**290**	10	250	25	32/<1[6]	--	0.27
9/28/13		97.80	--	16.60	--	81.20	31	<67	**2,500**	**230**	7.6	230	20	<29/<0.5[6]	--	0.50
12/7/13		97.80	--	16.83	--	80.97	--	--	**2,100**	**230**	6.4	210	16	<29	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
MW-16 (cont.)																
3/15/14		97.80	--	16.66	--	81.14	33	<67	**1,200**	**200**	4.8	150	11	<2.5	--	<0.085
6/22/14		97.80	--	16.80	--	81.00	22	<33	**1,300**	**150**	4.5	110	8.5	<15/<0.5[6]	--	0.14
RW-1																
7/21/13		--	--	19.11	--	--	<29	<68	**1,100**	**49**	220	23	110	2.8/<0.5[6]	--	--
9/28/13		--	INACCESSIBLE - WELL DAMAGED				--	--	--	--	--	--	--	--	--	--
12/7/13		--	INACCESSIBLE - WELL DAMAGED				--	--	--	--	--	--	--	--	--	--
3/15/14		--	INACCESSIBLE - WELL DAMAGED				--	--	--	--	--	--	--	--	--	--
6/22/14		--	INACCESSIBLE - WELL DAMAGED				--	--	--	--	--	--	--	--	--	--
TRIP BLANK																
2/12/98		--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
5/31/99		--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
6/8/00		--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
1/30/01		--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
4/11/01		--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
7/28/01		--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
10/15/01		--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
1/5/02		--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--	--	--
4/2/02		--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
QA																
7/11/02		--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
10/10/02		--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
01/10/03[5]		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/21/03		--	--	--	--	--	--	--	<50	<0.5	0.9	<0.5	<1.5	<2.5	--	--
6/26/03		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
10/14/03		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
1/7/04		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
4/21/04		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/1/04		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
10/15/04		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
1/5/05		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
8/4/05		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
07/26/06		--	--	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/19/07		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Well ID/ Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead (mg/L)	T. Lead
QA (cont)																
7/23/08		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/13/09		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/17-18/09		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/17/10		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
06/22-23/10		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/13/10		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/21/10		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/16/11		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/23/11		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
1/14/12		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/31/12		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/2/12		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/30/12		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/15/12		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/16/13		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
7/20/13		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
9/28/13		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
12/7/13		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
3/15/14		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
6/22/14		--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--
Standard Method Detection Limit:							--	--	50	0.5	0.5	0.5	1.5	2.5	0.00100	--
MTCA Method A Cleanup Levels:							500	500	800/1,000	5	1,000	700	1,000	20	--	15
Current Method:[7]							NWTPH-Dx Extended[8]		NWTPH-Gx	USEPA 8021B					USEPA 6000/7000	USEPA 6020

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
CHEVRON SERVICE STATION NO. 90129
4700 Brooklyn Avenue
Seattle, Washington
Concentrations reported in µg/L unless otherwise noted

Abbreviations:

(D) = Duplicate
D. Lead = Dissolved Lead
DTW/P = Depth to Water or Product
(ft.) = Feet
GWE = Groundwater Elevation
mg/L = milligrams per liter
MTBE = Methyl tertiary butyl ether
MTCA = Model Toxics Control Act
ND = Not Detected
NP = No Purge
QA = Quality Assurance/Trip Blank
SPH = Separate-phase hydrocarbons
SPHT = SPH Thickness
TOC = Top of Casing
T. Lead = Total Lead
TPH = Total Petroleum Hydrocarbons
TPH-DRO = TPH as diesel-range organics
TPH-GRO = TPH as gasoline-range organics
TPH-HRO = TPH as heavy oil-range organics
USEPA = United States Environmental Protection Agency
µg/L = Micrograms per liter
-- = Not Measured/Not Analyzed

Notes:

1 Analytical results in bold font indicate concentrations exceed MTCA Method A cleanup levels.
2 TOC elevations have been surveyed as feet relative to an arbitrary site datum.
3 When SPH is present, GWE has been corrected using the following formula: GWE = [(TOC - DTW) + (SPHT x 0.80)].
4 Laboratory report indicates this sample was laboratory filtered.
5 Laboratory indicates they did not receive a QA sample. No results were provided.
6 MTBE detection confirmed by USEPA Method 8260.
7 Laboratory analytical methods for historical data may not be consistent with current analytical methods. When necessary, consult original laboratory reports to verify methods used.
8 Analyzed with silica-gel clean up.

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 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.

Attachment A:
Groundwater Monitoring and Sampling Data Package

GETTLER-RYAN INC.

TRANSMITTAL

June 27, 2014
G-R #386649

TO: Ms. Ruth A. Otteman
Leidos, Inc.
18912 North Creek Parkway, Suite 101
Bothell, WA 98011

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6805 Sierra Court, Suite G
Dublin, California 94568

RE: Chevron Service Station
#9-0129
4700 Brooklyn Avenue
Seattle, Washington

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Second Quarter Event of June 22, 2014**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/9-0129

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	**Chevron #9-0129**	Date:	6.22.14
Address:	**4700 Brooklyn Avenue**		
City/St.:	**Seattle, WA**		
Status of Site:	ACTIVE CHEVRON		

DRUMS: Please list below ALL DRUMS @ site: i.e., drum description, condition, labeling, contents, location of drum:

PHOTO TAKEN

#	Description	Condition	Labeling	Contents/Capacity	Location
	OBSERVED	OK	NO	T.O.D	ENCLOSURE
55g	OVERPACK				
	FORMER REMEDIATION COMPOUND				

WELLS: Please check the condition of ALL WELLS @ site: i.e., well box condition, gaskets, bolts, well plug, well lock, etc.:

Well ID	Gaskets (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Replaced Plug Y/N	Replaced Lock Y/N	Well Box Manufacturer/Size/# of Bolts	Other
MW-1	GOOD	GOOD	GOOD	GOOD	8" HOLLYWOOD x 2	PVC cap glued on
MW-2					12" EMCO x 2	"Pinched"
MW-3					12" EMCO x 2	"Pinched"
MW-4					12" EMCO x 2	"Pinched"
MW-5					8" HOLLYWOOD x 2	"Pinched"
MW-6					8" MORRIS x 2	"Pinched"
MW-7			GOOD	GOOD	8" MORRIS x 2	"Pinched"
MW-8					8" MORRIS x 2	See FDS
MW-9					8" MORRIS x 2	SPLIT
MW-10					8" MORRIS x 2	split
MW-11						SPLIT
MW-12						SPLIT
MW-13					12" EMCO x 2	No Sock in well
MW-14					8" MORRIS x 3	
MW-15						
MW-16						
RW-1			GOOD	GOOD	18" GENERIC PLATE x 4	SHEARED x 2

Additional Comments/Observations: RW-1 & MW-1 UTA SEE FDS

"Pinched - See FDS from event for specific info.

Standard Operating Procedure, Low-Flow Purging and Sampling

Gettler-Ryan Inc. field personnel adhere to the following Standard Operating Procedure (SOP) for the collection and handling of representative groundwater samples using the Low-Flow (Minimal-Drawdown) Purging technique. This SOP incorporates purging and sampling methods discussed in U.S. EPA, Ground Water Issue, Publication Number EPA/540/S-95/504, April 1996 by Puls, R.W. and M.J. Barcelona - *"Low-Flow (Minimal-Drawdown) Ground-Water Sampling Procedures."*

A QED Well Wizard™ (or equivalent) bladder pump or Peristaltic Pump will be used to purge and sample selected wells as outlined in the scope-of-work. An in-line flow cell or other multi-parameter meter is used to collect water quality indicating parameters during purging.

Initial Pump Discharge Test Procedures

The Static Water Level (SWL) is measured in all wells at the site prior to the installation of the pump or tubing and initiation of the test procedures in any well. In addition, the presence or absence of separate-phase hydrocarbons (SPH) is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot. The SWL measurement and SPH thickness, if any, will be recorded on the field data sheet.

The bladder pump or suction inlet tubing of the peristaltic pump is then positioned with its inlet located within the screened interval of the well. The in-line flow cell is then connected to the discharge tubing. After pump installation, the SWL is allowed to recover to its original level. The pump is then started at a discharge rate between 100 ml to 300 ml per minute with the in-line flow cell connected. The water level is monitored continuously for any change from the original measurement and the discharge rate is adjusted until an optimum discharge rate (ODR) is determined. The goal for the ODR is to produce a stable drawdown of less than 0.1 meter as allowed by site conditions; however the total drawdown from the initial SWL should not exceed 25% of the distance between pump inlet location and the top of the well screen. Once achieved, the ODR will be confirmed by volumetric discharge measurement and recorded on the field data sheet.

Purging and Water Quality Parameter Measurement

When the ODR has been determined and the SWL drawdown has been established within the acceptable range, and a minimum of one pump system volume (bladder volume and/or discharge tubing volume) has been purged, field measurements for temperature (T), pH, conductivity (Ec), and if required, oxygen reduction potential (ORP) and dissolved oxygen (DO) will be collected and documented on the field data sheet. Measurements should be taken every three to five minutes until parameters stabilize for three consecutive readings. The minimum parameter subset of T (± 10%), pH (± 0.1 unit), and Ec (± 10 uS) are required to stabilize. Additional parameters that may be required are DO (± 0.2 mg/l) and ORP (± 20 mV).

Sample Collection

When water quality parameters have stabilized, and the SWL drawdown remains established within the acceptable range, groundwater sample collection may begin. If used, the in-line flow cell and its tubing are disconnected from the discharge tubing prior to sample collection. Water samples are collected from the discharge tubing into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler,

maintained at 4°C for transport to the laboratory. A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: VP

Well ID MW-1 Date Monitored: 6.22.14

Well Diameter 2 / 8 in.

Total Depth — ft.

Depth to Water UTA ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

— xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:

Disposable Bailer
Stainless Steel Bailer
Stack Pump
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:

Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr
Product Transferred to:

Start Time (purge): Weather Conditions:

Sample Time/Date: / Water Color: Odor: Y / N

Approx. Flow Rate: mlpm Sediment Description:

Did well de-water? If yes, Time: Volume: ltrs DTW @ Sampling:

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: MW-1 HAS A PVC CAP GLUED ON CASING. UTA

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: J.P

Well ID MW-2 Date Monitored: 6.22.14

Well Diameter (2) 8 in.

Total Depth 19.79 ft.

Depth to Water 17.96 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

1.83 xVF .17 = .31 x3 case volume = Estimated Purge Volume: 1 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.32

Purge Equipment:		**Sampling Equipment:**	
Disposable Bailer	x	Disposable Bailer	x
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	x	Peristaltic Pump	x
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr
Product Transferred to: _____

Start Time (purge): 0900 Weather Conditions: SUN

Sample Time/Date: 0629 / 6.22.14 Water Color: CLOUDY Odor: (Y) N MILD

Approx. Flow Rate: 300 mlpm Sediment Description: GREYISH

Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: 18.16

Time (2400 hr.)	Volume ~~(Liters)~~ GL	pH	Conductivity (µS / (mS) µmhos/cm)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0911	1	6.97	.603	13.7			18.16

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: PURGE, PINCHED @ 19.0' SWITCH TO PERISTALTIC

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**
Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)
City: **Seattle, WA** Sampler: JP

Well ID MW-3 Date Monitored: 6.22.14
Well Diameter (2) 8 in.
Total Depth 23.14 ft.
Depth to Water 18.27 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

4.87 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.24

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	x	Peristaltic Pump	x
QED Bladder Pump		QED Bladder Pump	
Other: HANNA		Other: TUBING	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr
Product Transferred to:

Start Time (purge): 0636 Weather Conditions:
Sample Time/Date: 0650 / 6.22.14 Water Color: CLEAR Odor (Y) / N MILD
Approx. Flow Rate: 200 mlpm 300 Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: 18.44

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / (mS) µmhos/cm)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0647	3.0	6.98	.383	14.1			18.44

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: NO PURGE / SEE S15 / LOW FLOW
PINCHED @ 21.0 USE / LOW FLOW

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: J.P

Well ID MW-4 Date Monitored: 6.22.14

Well Diameter 2 8 in.

Total Depth 21.87 ft.

Depth to Water 17.99 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

3.88 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.76

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	
Peristaltic Pump	X
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	
Pressure Bailer	
Metal Filters	
Peristaltic Pump	X
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr
Product Transferred to:

Start Time (purge): 0518 Weather Conditions: SUN

Sample Time/Date: 0530 6.22.14 Water Color: CLOUDY Odor: (Y) / N

Approx. Flow Rate: 300 mlpm Sediment Description: GREYISH - BLACK

Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: 18.11

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / (mS) µmhos/cm)	Temperature (C) F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0524	1.80	6.23	.595	14.7	—	—	18.11

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: NO PURGE SAMPLE, DUE TO PINCHED CASING @ 19-20', PERISTALTIC WAS USED.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**
Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)
City: **Seattle, WA** Sampler: V.P

Well ID MW-5 Date Monitored: 6.22.14
Well Diameter (2) 8 in.
Total Depth 21.74 ft.
Depth to Water 18.26 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

3.48 xVF .17 = .59 x3 case volume = Estimated Purge Volume: 2 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.03

Purge Equipment:		**Sampling Equipment:**	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump		QED Bladder Pump	
Other: HANNA		Other: TUBING	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr
Product Transferred to:

Start Time (purge): 0757 Weather Conditions: SUN
Sample Time/Date: 0820 / 6.22.14 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 400 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: - Volume: - ltrs DTW @ Sampling: 18.41

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / (mS) µmhos/cm)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0807	4	6.84	.255	14.4			18.41
0814	8	6.78	.263	13.9			18.41

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: 20.5 - 21.0
AIRLOCK, PINCHED @ 19.5' USE PERISTALTIC

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**
Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)
City: **Seattle, WA** Sampler: J.F

Well ID MW-10 Date Monitored: 6.22.14
Well Diameter 2 | 8 in.
Total Depth 22.33 ft.
Depth to Water 19.28 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

4.05 xVF .17 = .688 x3 case volume = Estimated Purge Volume: 2 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.09

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	
Peristaltic Pump	X
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	
Pressure Bailer	
Metal Filters	
Peristaltic Pump	X
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr
Product Transferred to:

Start Time (purge): 0707 Weather Conditions: SUN
Sample Time/Date: 0731 | 6.22.14 Water Color: CLOUDY Odor: Y / (N)
Approx. Flow Rate: 400 mlpm Sediment Description: ORANGISH
Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: 18.41

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / (mS) µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0717	4	6.77	.418	14.4			18.41
0727	0	6.81	.422	14.1			18.41

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: PINCHED @ 11.00 USE PERISTALTIC PUMP

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: R Add/Replaced Lock: R

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**
Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)
City: **Seattle, WA** Sampler: J.P

Well ID MW-7 Date Monitored: 6.22.14
Well Diameter (2) 8 in.
Total Depth 20.84 ft.
Depth to Water 17.48 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

3.36 xVF .17 = .57 x3 case volume = Estimated Purge Volume: 2 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.15

Purge Equipment:
Disposable Bailer ____
Stainless Steel Bailer ____
Stack Pump ____
Peristaltic Pump X
QED Bladder Pump ____
Other: HANNA

Sampling Equipment:
Disposable Bailer ____
Pressure Bailer ____
Metal Filters ____
Peristaltic Pump X
QED Bladder Pump ____
Other: TUBING

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: ____ ft
Visual Confirmation/Description: ____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ ltr
Amt Removed from Well: ____ ltr
Water Removed: ____ ltr
Product Transferred to: ____

Start Time (purge): 1101 Weather Conditions: SUN
Sample Time/Date: 1120 / 6.22.14 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 2-300 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: —

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / (mS) µmhos/cm)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1112	4	6.81	.431	15.4			✓
1122	8	6.89	.438	15.1			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: * PURGE. PINCHED @ 15-16 USED TUBING TO SAFETE PAST PINCH POINT @ 17-18' USING TUBING ONLY.

Add/Replaced Gasket: ____ Add/Replaced Bolt: ____ Add/Replaced Plug: ____ Add/Replaced Lock: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: V.P

Well ID MW-8 Date Monitored: 6.22.14

Well Diameter (2) 8 in.

Total Depth ~~X~~ SEE ft.

Depth to Water ~~X~~ COMMENTS

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

~~X~~ _____ xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:		**Sampling Equipment:**	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump	X	Peristaltic Pump	X
QED Bladder Pump		QED Bladder Pump	
Other:		Other: TUBING	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr
Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____

Sample Time/Date: _____ / _____ Water Color: _____ Odor: **Y / N** _____

Approx. Flow Rate: _____ mlpm Sediment Description: _____

Did well de-water? _____ If yes, Time: _____ Volume: _____ ltrs DTW @ Sampling: _____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: ~~X~~ TAPPED. BOTTOM @ 10.63, PINCHED?
TRIED SQUEELING TUBING PAST PINCH, NO SUCCESS.
UPON RETREIVING TUBING, OBSERVED ORANGISH CLAYEY SOIL

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: JP

Well ID MW-9

Well Diameter 2 / 8 in.

Total Depth 31.30 ft.

Depth to Water 17.34 ft.

3.96 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Date Monitored: 6.22.14

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:
- Disposable Bailer
- Stainless Steel Bailer
- Stack Pump
- Peristaltic Pump
- QED Bladder Pump
- Other:

Sampling Equipment:
- Disposable Bailer
- Pressure Bailer
- Metal Filters
- Peristaltic Pump
- QED Bladder Pump
- Other:

Time Started: 0842 (2400 hrs)
Time Completed: 0900 (2400 hrs)
Depth to Product: 16.93 ft
Depth to Water: 17.34 ft
Hydrocarbon Thickness: .41 ft
Visual Confirmation/Description: BROWNISH · RED
~~Skimmer / Absorbant Sock (circle one)~~
~~Amt Removed from Skimmer: ltr~~
~~Amt Removed from Well: ltr~~
~~Water Removed: ltr~~
~~Product Transferred to:~~

Start Time (purge): 0842 Weather Conditions: SUN

Sample Time/Date: / Water Color: — Odor (Y) / N VERY STRONG

Approx. Flow Rate: mlpm Sediment Description: —

Did well de-water? If yes, Time: Volume: ltrs DTW @ Sampling:

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: MW 5FT

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: JH

Well ID MW-10 Date Monitored: 6.22.14

Well Diameter 2 / 8 in.

Total Depth 21.34 ft.

Depth to Water 17.66 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

3.68 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Time Started: 0913 (2400 hrs)
Time Completed: 0928 (2400 hrs)
Depth to Product: 16.12 ft
Depth to Water: 17.66 ft
Hydrocarbon Thickness: 1.54 ft
Visual Confirmation/Description: BROWNISH · RED
Skimmer / Absorbant Sock (circle one)
~~Amt Removed from Skimmer:~~ ~~ltr~~
~~Amt Removed from Well:~~ ~~ltr~~
~~Water Removed:~~ ~~ltr~~
~~Product Transferred to:~~

Purge Equipment:

Disposable Bailer
Stainless Steel Bailer
Stack Pump
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:

Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

~~Start Time (purge):~~ Weather Conditions: SUN

Sample Time/Date: / Water Color: — Odor Y / N VERY STRONG

Approx. Flow Rate: mlpm Sediment Description: — 2-3 ppm

Did well de-water? If yes, Time: Volume: ltrs DTW @ Sampling:

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: 5ft Detected

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**
Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)
City: **Seattle, WA** Sampler: J.P

Well ID MW-11
Well Diameter (2) 8 in.
Total Depth 22.59 ft.
Depth to Water 16.00 ft.
6.590 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Date Monitored: 6.22.14

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

Time Started: 1416 (2400 hrs)
Time Completed: 1430 (2400 hrs)
Depth to Product: 15.72 ft
Depth to Water: 16.00 ft
Hydrocarbon Thickness: .28 ft
Visual Confirmation/Description: GREENISH · YELLOW
Skimmer / (Absorbant Sock) (circle one)
~~Amt Removed from Skimmer:~~ ~~ltr~~
~~Amt Removed from Well:~~ ~~ltr~~
~~Water Removed:~~ ~~ltr~~
~~Product Transferred to:~~

~~Purge Equipment:~~
~~Disposable Bailer~~
~~Stainless Steel Bailer~~
~~Stack Pump~~
~~Peristaltic Pump~~
~~QED Bladder Pump~~
~~Other:~~

~~Sampling Equipment:~~
~~Disposable Bailer~~
~~Pressure Bailer~~
~~Metal Filters~~
~~Peristaltic Pump~~
~~QED Bladder Pump~~
~~Other:~~

~~Start Time (purge):~~
Sample Time/Date: /
Approx. Flow Rate: mlpm
Did well de-water? If yes, Time: Volume: ltrs DTW @ Sampling:

Weather Conditions: SUN
Water Color: Odor (Y) / N VERY STRONG
Sediment Description:

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: NO SAMPLE / SPH DETECTED
SOCK NEEDS TO BE REPLACED, REQUEST PERMISSION

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**
Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)
City: **Seattle, WA** Sampler: J.P

Well ID MW-12
Well Diameter 2/8 in.
Total Depth 21.34 ft.
Depth to Water 17.70 ft.
3.64 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Date Monitored: 6.22.14

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: ~~0559~~ 0542 (2400 hrs)
Time Completed: ~~0548~~ (2400 hrs)
Depth to Product: 17.68 ft
Depth to Water: 17.70 ft
Hydrocarbon Thickness: .02 ft
Visual Confirmation/Description: YELLOWISH BROWN
~~Skimmer / Absorbant Sock (circle one)~~
Amt Removed from Skimmer: 0 ltr
Amt Removed from Well: 0 ltr
Water Removed: 0 ltr
Product Transferred to: 0

Start Time (purge): Weather Conditions: SUN
Sample Time/Date: / Water Color: Odor Y / N STRONG
Approx. Flow Rate: mlpm Sediment Description:
Did well de-water? If yes, Time: Volume: ltrs DTW @ Sampling:

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: 3PH √ DETECTED

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: J.P

Well ID MW-13 Date Monitored: 6.22.14

Well Diameter (2) 8 in.

Total Depth 19.40 ft.

Depth to Water 16.44 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

2.96 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Time Started: 0950 (2400 hrs)
Time Completed: 1000 (2400 hrs)
Depth to Product: 16.09 ft
Depth to Water: 16.44 ft
Hydrocarbon Thickness: .35 ft
Visual Confirmation/Description: GREENISH YELLOW
~~Skimmer / Absorbant Sock (circle one)~~
~~Amt Removed from Skimmer: ltr~~
~~Amt Removed from Well: ltr~~
~~Water Removed: ltr~~
~~Product Transferred to:~~

~~Purge Equipment:~~
~~Disposable Bailer~~
~~Stainless Steel Bailer~~
~~Stack Pump~~
~~Peristaltic Pump~~
~~QED Bladder Pump~~
~~Other:~~

~~Sampling Equipment:~~
~~Disposable Bailer~~
~~Pressure Bailer~~
~~Metal Filters~~
~~Peristaltic Pump~~
~~QED Bladder Pump~~
~~Other:~~

Start Time (purge): Weather Conditions: SUN

Sample Time/Date: / Water Color: Odor: (Y) I N VERY STRONG

Approx. Flow Rate: mlpm Sediment Description: 2.3 ppm

Did well de-water? If yes, Time: Volume: ltrs DTW @ Sampling:

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: NO SOCK IN WELL / 35FT

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: Add/Replaced Lock:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6-22-14 (inclusive)

City: **Seattle, WA** Sampler: J.

Well ID MW-14 Date Monitored: 6-22-14

Well Diameter (2) 8 in.

Total Depth 23.27 ft.

Depth to Water 14.37 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

10.90 xVF .17 = 1.90 x3 case volume = Estimated Purge Volume: 6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.52

Purge Equipment:

Disposable Bailer	X
Stainless Steel Bailer	
Stack Pump	
Peristaltic Pump	
QED Bladder Pump	
Other:	HANNA

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr
Product Transferred to: _____

Start Time (purge): 1242 Weather Conditions: SUN

Sample Time/Date: 1320 / 6.22.14 Water Color: CLEAR Odor: Y / (N)

Approx. Flow Rate: — mlpm Sediment Description: NONE

Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: 14.33

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / (mS) µmhos/cm)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1256	2	7.10	.413	14.0			
1301	4	6.92	.391	13.6			
1312	6	6.86	.430	13.2			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-14	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: DEWATERED WHILE COLLECTING SAMPLE, RECHARGE, FINISH.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: _____ Add/Replaced Lock: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: JH

Well ID MW-15 Date Monitored: 6.22.14

Well Diameter (2) 8 in.

Total Depth 24.54 ft.

Depth to Water 17.03 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

7.51 xVF .17 = 1.2 x3 case volume = Estimated Purge Volume: 4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.53

Purge Equipment:		**Sampling Equipment:**	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other: HANNA		Other:	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr
Product Transferred to: _____

Start Time (purge): 1341 Weather Conditions: Sun

Sample Time/Date: 1410 / 6.22.14 Water Color: CLEAR Odor: Y / (N)

Approx. Flow Rate: _____ mlpm Sediment Description: ORANGE FLAKES

Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: 18.39

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1350	1.5	6.84	.196	14.8			
1359	3	6.74	.201	14.6			
1406	4	6.68	.210	14.1			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-15	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: PURGE / BAILER NO PINCH POINT

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Plug: R Add/Replaced Lock: R

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**
Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)
City: **Seattle, WA** Sampler: V.P

Well ID MW-16 Date Monitored: 6.22.14
Well Diameter (2) 8 in.
Total Depth 24.54 ft.
Depth to Water 16.80 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	(2"= 0.17)	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

7.74 xVF .17 = 1.3 x3 case volume = Estimated Purge Volume: 4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.34

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr
Product Transferred to:

Start Time (purge): 1156 Weather Conditions: Sun
Sample Time/Date: 1220 6.22.14 Water Color: cloudy Odor (Y) / N VERY SLIGHT
Approx. Flow Rate: 400 mlpm Sediment Description: GREYISH ORANGE
Did well de-water? NO If yes, Time: — Volume: — ltrs DTW @ Sampling: 17.80

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS (mS) µmhos/cm)	Temperature (C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1204	1.5	6.83	.349	15.0			
1210	3	6.77	.356	14.6			
1216	4	6.72	.362	14.2			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-16	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: PULSE BAILER USED / NO PINCH

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Plug: 1 Add/Replaced Lock: 1

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-0129** Job Number: **386649**

Site Address: **4700 Brooklyn Avenue** Event Date: 6.22.14 (inclusive)

City: **Seattle, WA** Sampler: J.P

Well ID RW-1 Date Monitored: 6.22.14

Well Diameter 2/8 in.

Total Depth — ft.

Depth to Water OTA ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

____ xVF — = — x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Purge Equipment:

Disposable Bailer ____

Stainless Steel Bailer ____

Stack Pump ____

Peristaltic Pump ____

QED Bladder Pump ____

Other: ____

Sampling Equipment:

Disposable Bailer ____

Pressure Bailer ____

Metal Filters ____

Peristaltic Pump ____

QED Bladder Pump ____

Other: ____

Time Started: ____ (2400 hrs)

Time Completed: ____ (2400 hrs)

Depth to Product: ____ ft

Depth to Water: ____ ft

Hydrocarbon Thickness: ____ ft

Visual Confirmation/Description: ____

Skimmer / Absorbant Sock (circle one)

Amt Removed from Skimmer: ____ ltr

Amt Removed from Well: ____ ltr

Water Removed: ____ ltr

Product Transferred to: ____

Start Time (purge): ____ Weather Conditions: ____

Sample Time/Date: ____ / ____ Water Color: ____ Odor: **Y / N** ____

Approx. Flow Rate: ____ mlpm Sediment Description: ____

Did well de-water? ____ If yes, Time: ____ Volume: ____ ltrs DTW @ Sampling: ____

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX+MTBE(8021)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6020)

COMMENTS: Depth Pump Set At: RW-1 HAD TWO SHEARED BOLTS IN PLACE. UNABLE TO REMOVE SHEARED ALLEN KEY BOLTS. UTA.

Add/Replaced Gasket: ____ Add/Replaced Bolt: ____ Add/Replaced Plug: ____ Add/Replaced Lock: ____

Chevron Northwest Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

For Eurofins Lancaster Laboratories use only

Acct. # _____ Group # _____ Sample # _____

Instructions on reverse side correspond with circled numbers.

SCR #: _____

1 Client Information

Facility # SS#9-0129-OML G-R#386649 WBS

Site Address 4700 Brooklyn Avenue, SEATTLE, WA

Chevron PM BW LEIDOSRO Lead Consultant Ruth Otteman

Consultant/Office Gettler-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, (deanna@grinc.com)

Consultant Phone # (925) 551-7444 x180

Sampler J. PAYNE

2 Sample Identification

3 Collected

4 Matrix

5 Analyses Requested

2 Sample Identification	Collected Date	Collected Time	3 Grab	3 Composite	4 Matrix: Soil	4 Matrix: Water	4 Matrix: Oil	4 Matrix: Sediment	4 Matrix: Potable	4 Matrix: Ground	4 Matrix: NPDES	4 Matrix: Surface	4 Matrix: Air	Total Number of Containers	5 BTEX + MTBE	5 8021	5 8260	5 Naphth	5 8260 full scan	5 Oxygenates	5 NWTPH-Gx	5 NWTPH-Dx with Silica Gel Cleanup	5 NWTPH-Dx without Silica Gel Cleanup	5 WA VPH	5 WA EPH	5 Lead	5 Total	5 Diss.	5 Method 6020
QA	6.22.14		X			X								2	X						X								
MW-2		0620	X			X								8	X						X	X							
MW-3		0650	X			X								9	X						X	X				X			
MW-4		0530	X			X								8	X						X	X							
MW-5		0610	X			X								8	X						X	X							
MW-6		0731	X			X								8	X						X	X							
MW-7		1120	X			X								8	X						X	X							
MW-14		1320	X			X								8	X						X	X							
MW-15		1410	X			X								8	X						X	X							
MW-16		1220	X			X								9	X						X	X				X			

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm MTBE + Naphthalene
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

6 Remarks

Confirm all MTBE hits using EPA method 8260.

Please forward the lab results directly to the Lead Consultant and cc: G-R.

7 Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | EDF/EDD

72 hour | 48 hour | 24 hour

8 Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

CVX-RTBU-FI_05 (default)

Other: _____

9

Relinquished by	Date	Time	Received by	Date	Time
	6.23.14	1700			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Commercial Carrier: UPS ✓ FedEx _____ Other _____			Received by	Date	Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

Attachment B:
Laboratory Analysis Report

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

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

July 10, 2014

Project: 90129

Submittal Date: 06/24/2014
Group Number: 1484088
PO Number: 0015145794
Release Number: WAITE
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LL) #
QA NA Water	7509676
MW-2 Grab Groundwater	7509677
MW-3 Grab Groundwater	7509678
MW-4 Grab Groundwater	7509679
MW-5 Grab Groundwater	7509680
MW-6 Grab Groundwater	7509681
MW-7 Grab Groundwater	7509682
MW-14 Grab Groundwater	7509683
MW-15 Grab Groundwater	7509684
MW-16 Grab Groundwater	7509685

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

ELECTRONIC COPY TO	Gettler-Ryan Inc.	Attn: Gettler Ryan
ELECTRONIC COPY TO	SAIC	Attn: Jamalyn Green
ELECTRONIC COPY TO	SAIC	Attn: Ruth Otteman

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA NA Water
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509676
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02102	Toluene	108-88-3	N.D.	0.5	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	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
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 13:31	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 13:31	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 13:31	Marie D Beamenderfer	1

Sample Description: MW-2 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509677
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 06:20 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	110	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02102	Toluene	108-88-3	N.D.	0.5	1
02102	Total Xylenes	1330-20-7	4.2	1.5	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1

The reverse surrogate, capric acid, is present at <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
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 14:55	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 14:55	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 14:55	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141790008A	07/03/2014 23:10	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141790008A	06/30/2014 09:00	David S Schrum	1

Sample Description: MW-3 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509678
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 06:50 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASM3

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	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	8,200	250	5
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	70	0.5	1
02102	Ethylbenzene	100-41-4	640	2.5	5
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	54	1
02102	Toluene	108-88-3	58	0.5	1
02102	Total Xylenes	1330-20-7	530	1.5	1
Reporting limits were raised due to interference from the sample matrix.					
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	130	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
The reverse surrogate, capric acid, is present at <1%.					
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	1.6	0.082	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	MTBE 8260 Water	SW-846 8260B	1	F141834AA	07/02/2014 19:08	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141834AA	07/02/2014 19:08	Brett W Kenyon	1
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 23:15	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 20:56	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 23:15	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 20:56	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	2	14176A53A	06/26/2014 23:15	Marie D Beamenderfer	5
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141790008A	07/03/2014 23:31	Christine E Dolman	1

Sample Description: MW-3 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509678
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 06:50 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASM3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141790008A	06/30/2014 09:00	David S Schrum	1
06035	Lead	SW-846 6020	1	141786050002A	07/01/2014 06:44	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	141786050002	06/30/2014 10:43	Micaela L Dishong	1

Sample Description: MW-4 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509679
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 05:30 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASM4

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	Methyl Tertiary Butyl Ether	1634-04-4	6	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	840	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	53	0.5	1
02102	Ethylbenzene	100-41-4	12	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	6.1	2.5	1
02102	Toluene	108-88-3	0.9	0.5	1
02102	Total Xylenes	1330-20-7	2.4	1.5	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	240	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <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	MTBE 8260 Water	SW-846 8260B	1	F141834AA	07/02/2014 19:30	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141834AA	07/02/2014 19:30	Brett W Kenyon	1
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 15:22	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 15:22	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 15:22	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141790008A	07/03/2014 23:53	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141790008A	06/30/2014 09:00	David S Schrum	1

Sample Description: MW-5 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509680
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 08:20 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02102	Toluene	108-88-3	N.D.	0.5	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <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
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 15:50	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 15:50	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 15:50	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141790008A	07/04/2014 00:14	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141790008A	06/30/2014 09:00	David S Schrum	1

Sample Description: MW-6 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509681
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 07:31 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02102	Toluene	108-88-3	N.D.	0.5	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1

The reverse surrogate, capric acid, is present at <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
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 16:18	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 16:18	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 16:18	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141790008A	07/04/2014 00:35	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141790008A	06/30/2014 09:00	David S Schrum	1

Sample Description: MW-7 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509682
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 11:28 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BASM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	83	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	0.9	0.5	1
02102	Ethylbenzene	100-41-4	1.8	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02102	Toluene	108-88-3	N.D.	0.5	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1

The reverse surrogate, capric acid, is present at <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
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 16:46	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 16:46	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 16:46	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141790008A	07/04/2014 00:57	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141790008A	06/30/2014 09:00	David S Schrum	1

Sample Description: MW-14 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509683
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 13:20 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BAS14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02102	Toluene	108-88-3	N.D.	0.5	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	15	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	34	1

The reverse surrogate, capric acid, is present at <1%.
The recovery for a target analyte(s) in the Laboratory Control Spike(s) is outside the QC acceptance limits as noted on the QC Summary. The recovery for the LCSD and sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken:
The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.

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
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 17:14	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 17:14	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 17:14	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141820015A	07/03/2014 01:16	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141820015A	07/01/2014 20:20	Karen L Beyer	1

Sample Description: MW-15 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509684
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 14:10 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BAS15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	N.D.	0.5	1
02102	Ethylbenzene	100-41-4	N.D.	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	1
02102	Toluene	108-88-3	N.D.	0.5	1
02102	Total Xylenes	1330-20-7	N.D.	1.5	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	15	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	34	1

The reverse surrogate, capric acid, is present at <1%.
The recovery for a target analyte(s) in the Laboratory Control Spike(s) is outside the QC acceptance limits as noted on the QC Summary. The LCSD surrogate(s) recovery is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken:
The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.
The LCSD surrogate(s) recovery is outside the QC acceptance limits as noted on the QC Summary.

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
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 17:42	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 17:42	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 17:42	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141820015A	07/03/2014 01:37	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141820015A	07/01/2014 20:20	Karen L Beyer	1

Sample Description: MW-16 Grab Groundwater
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509685
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 12:20 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BAS16

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	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08274	NWTPH-Gx water C7-C12	n.a.	1,300	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	150	0.5	1
02102	Ethylbenzene	100-41-4	110	0.5	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	15	1
02102	Toluene	108-88-3	4.5	0.5	1
02102	Total Xylenes	1330-20-7	8.5	1.5	1
	Reporting limits were raised due to interference from the sample matrix.				
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	22	14	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	33	1
	The reverse surrogate, capric acid, is present at <1%. The recovery for a target analyte(s) in the Laboratory Control Spike(s) is outside the QC acceptance limits as noted on the QC Summary. The LCSD surrogate(s) recovery is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted outside the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.				
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	0.14	0.082	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	MTBE 8260 Water	SW-846 8260B	1	F141834AA	07/02/2014 20:36	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141834AA	07/02/2014 20:36	Brett W Kenyon	1
08274	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14176A53A	06/26/2014 19:05	Marie D Beamenderfer	1
02102	Method 8021 Water Master	SW-846 8021B	1	14176A53A	06/26/2014 19:05	Marie D Beamenderfer	1

Sample Description: **MW-16 Grab Groundwater**
Facility# 90129 Job# 386649
4700 Brooklyn Ave - Seattle, WA

LL Sample # WW 7509685
LL Group # 1484088
Account # 11260

Project Name: 90129

Collected: 06/22/2014 12:20 by JP

Submitted: 06/24/2014 09:40
Reported: 07/10/2014 12:47

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BAS16

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	14176A53A	06/26/2014 19:05	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	141820015A	07/03/2014 01:59	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	141820015A	07/01/2014 20:20	Karen L Beyer	1
06035	Lead	SW-846 6020	1	141786050002A	07/01/2014 06:46	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	141786050002	06/30/2014 10:43	Micaela L Dishong	1

Quality Control Summary

Client Name: Chevron Group Number: 1484088
Reported: 07/10/14 at 12:47 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: F141834AA	Sample number(s): 7509678-7509679,7509685							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	90		75-120		
Batch number: 14176A53A	Sample number(s): 7509676-7509685							
Benzene	N.D.	0.2	ug/l	96	94	80-120	2	30
Ethylbenzene	N.D.	0.2	ug/l	96	95	80-120	1	30
Methyl tert-Butyl Ether	N.D.	0.3	ug/l	94	91	76-131	3	30
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	106	105	75-135	1	30
Toluene	N.D.	0.2	ug/l	97	95	80-120	2	30
Total Xylenes	N.D.	0.2	ug/l	100	98	80-120	2	30
Batch number: 141790008A	Sample number(s): 7509677-7509682							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	71	67	32-117	7	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 141820015A	Sample number(s): 7509683-7509685							
DRO C12-C24 w/Si Gel	N.D.	15.	ug/l	37	25*	32-117	36*	20
HRO C24-C40 w/Si Gel	N.D.	35.	ug/l					
Batch number: 141786050002A	Sample number(s): 7509678,7509685							
Lead	0.13	0.082	ug/l	103		90-110		

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: F141834AA	Sample number(s): 7509678-7509679,7509685 UNSPK: 7509679								
Methyl Tertiary Butyl Ether	90	88	72-126	1	30				
Batch number: 141786050002A	Sample number(s): 7509678,7509685 UNSPK: P507467 BKG: P507467								
Lead	174*	62*	89-120	51*	20	15.2	15.4	1	20

Surrogate Quality Control

*- 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: 1484088
Reported: 07/10/14 at 12:47 PM

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: F141834AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7509678	97	98	99	99
7509679	97	98	100	98
7509685	97	96	98	98
Blank	98	98	101	98
LCS	99	102	99	95
MS	97	101	100	99
MSD	96	102	100	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Method 8021 Water Master
Batch number: 14176A53A

	Trifluorotoluene-P	Trifluorotoluene-F
7509676	78	70
7509677	77	78
7509678	98	83
7509679	76	75
7509680	77	69
7509681	77	68
7509682	78	73
7509683	78	77
7509684	78	70
7509685	83	96
Blank	78	70
LCS	76	78
LCSD	76	77
Limits:	51-120	63-135

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 141790008A

	Orthoterphenyl
7509677	84
7509678	84
7509679	90
7509680	92
7509681	87
7509682	94
Blank	101
LCS	101
LCSD	94
Limits:	50-150

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 141820015A

	Orthoterphenyl

*- 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: 1484088
Reported: 07/10/14 at 12:47 PM

Surrogate Quality Control

7509683	49*
7509684	52
7509685	50
Blank	50
LCS	51
LCSD	37*
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 Northwest Region Analysis Request/Chain of Custody

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For Eurofins Lancaster Laboratories use only
Acct. # 11260 Group # 1484088 Sample # 7509676-85
Instructions on reverse side correspond with circled numbers.

SCR #: ______

① Client Information

Facility # SS#9-0129-OML G-R#386649 WBS
Site Address 4700 Brooklyn Avenue, SEATTLE, WA
Chevron PM BW LEIDOSRO Lead Consultant Ruth Otteman
Consultant/Office Gettler-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568
Consultant Project Mgr. Deanna L. Harding, (deanna@grinc.com)
Consultant Phone # (925) 551-7444 x180
Sampler J. PAYNE

④ Matrix: Sediment, Ground ☑, Surface; Potable, NPDES, Air; Soil, Water, Oil

⑤ Analyses Requested: BTEX + MTBE (8021 ☑, 8260, Naphth); 8260 full scan; Oxygenates; NWTPH-Gx; NWTPH-Dx with Silica Gel Cleanup ☑; NWTPH-Dx without Silica Gel Cleanup; WA VPH; WA EPH; Lead (Total ☑, Diss., Method 6020)

② Sample Identification	Date	Time	Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	8260 full scan	Oxygenates	NWTPH-Gx	NWTPH-Dx with Silica Gel Cleanup	NWTPH-Dx without Silica Gel Cleanup	WA VPH	WA EPH	Lead
QA	6.22.14		X			X		2	X			X					
MW-2		0620	X			X		8	X			X	X				
MW-3		0650	X			X		9	X			X	X				X
MW-4		0530	X			X		8	X			X	X				
MW-5		0810	X			X		8	X			X	X				
MW-6		0731	X			X		8	X			X	X				
MW-7		1120	X			X		8	X			X	X				
MW-14		1320	X			X		8	X			X	X				
MW-15		1410	X			X		8	X			X	X				
MW-16		1220	X			X		9	X			X	X				X

☐ Results in Dry Weight
☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
☐ 8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ______ oxy's on highest hit
☐ Run ______ oxy's on all hits

⑥ Remarks

Confirm all MTBE hits using EPA method 8260.

Please forward the lab results directly to the Lead Consultant and cc: G-R.

⑦ Turnaround Time Requested (TAT) (please circle)

(Standard) 5 day 4 day
72 hour 48 hour 24 hour
EDF/EDD

⑧ Data Package (circle if required)
Type I - Full
Type VI (Raw Data)

EDD (circle if required)
CVX-RTBU-FI_05 (default)
Other: ______

Relinquished by	Date	Time	Received by	Date	Time
[signature]	6.23.14	1700			
Relinquished by Commercial Carrier: UPS ✓ FedEx ___ Other ___			[signature]	6/24/14	0945

Temperature Upon Receipt 0.4-3.9 °C
Custody Seals Intact? (Yes) No ⑨

Eurofins Lancaster Laboratories, Inc. • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300
The white copy should accompany samples to Eurofins Lancaster Laboratories. The yellow copy should be retained by the client.
Issued by Dept. 40 Management
7051.03

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Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

Data Qualifiers:

C – result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

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

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

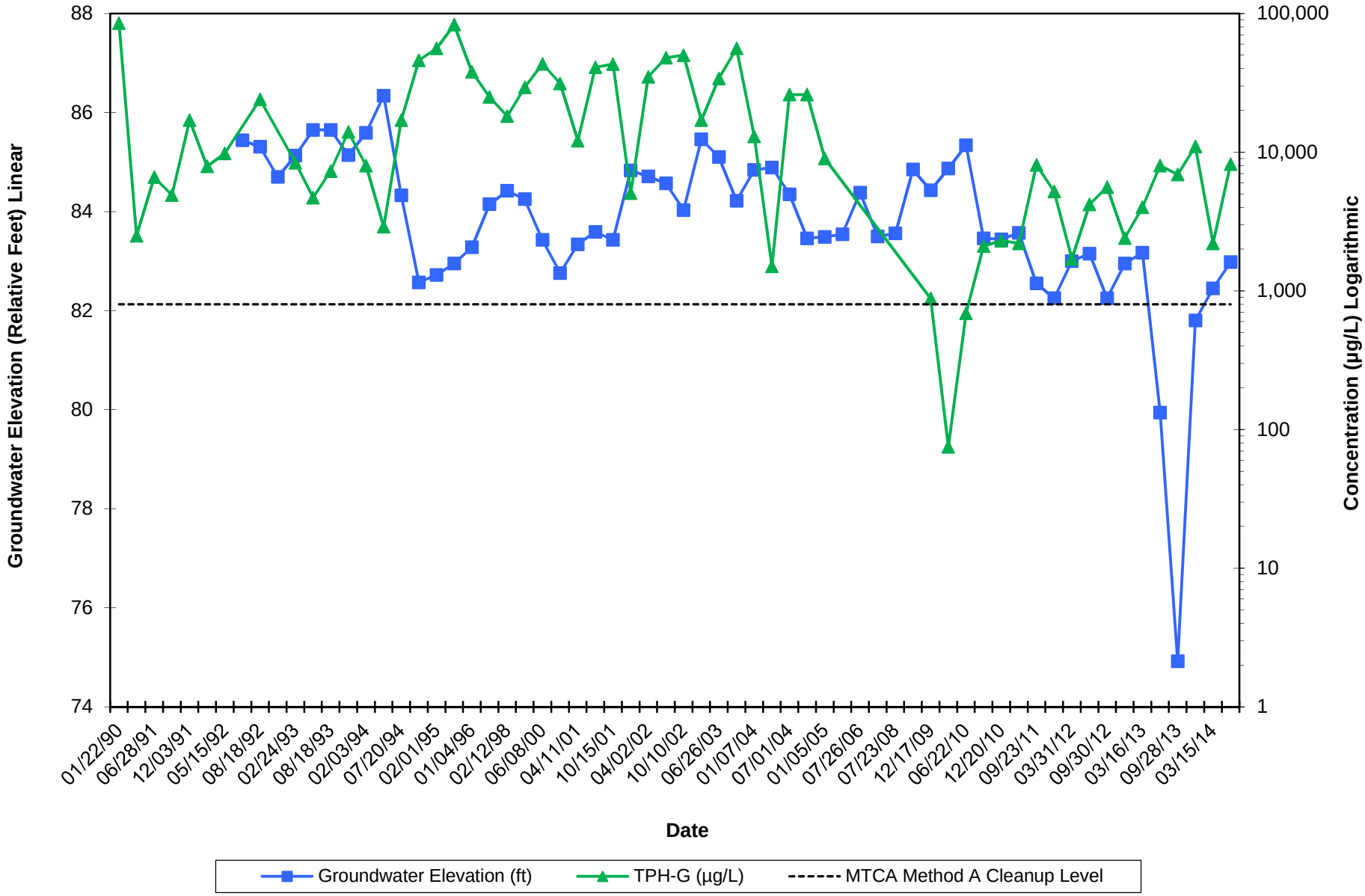
Measurement uncertainty values, as applicable, are available upon request.

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

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

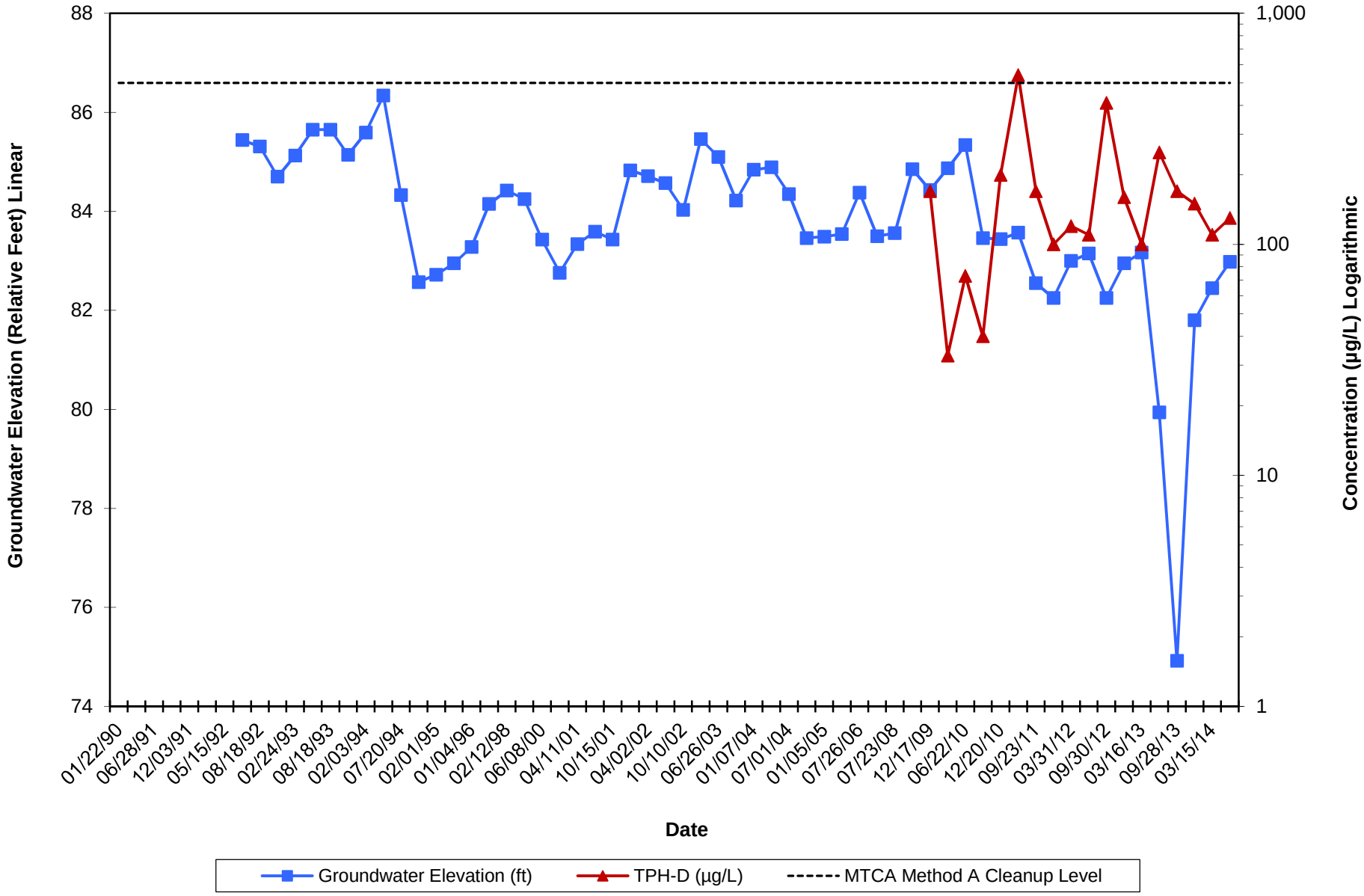
Attachment C:
Hydrographs

Well MW-3
Hydrograph - Gasoline-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



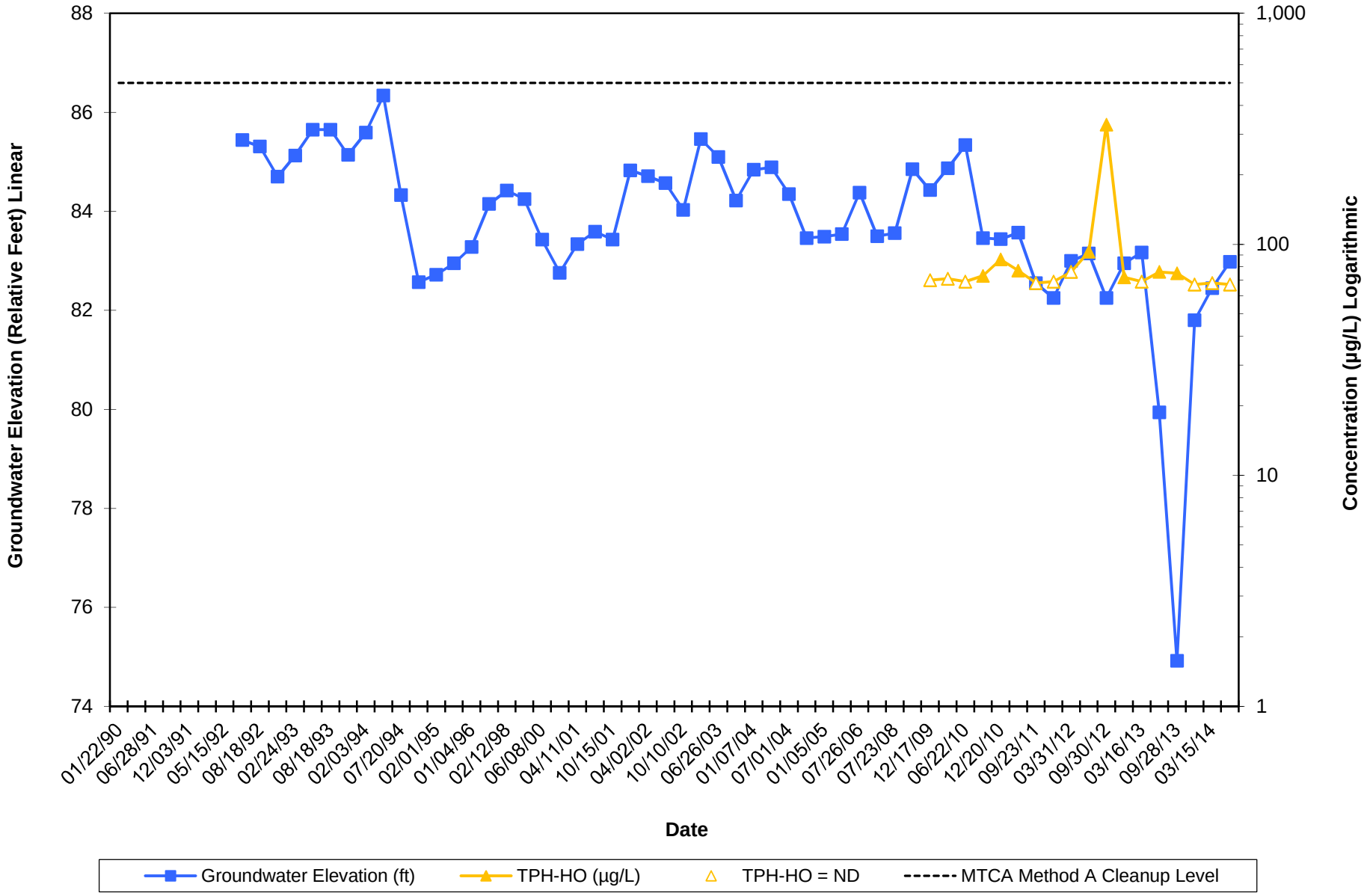
leidos

Well MW-3
Hydrograph - Diesel-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



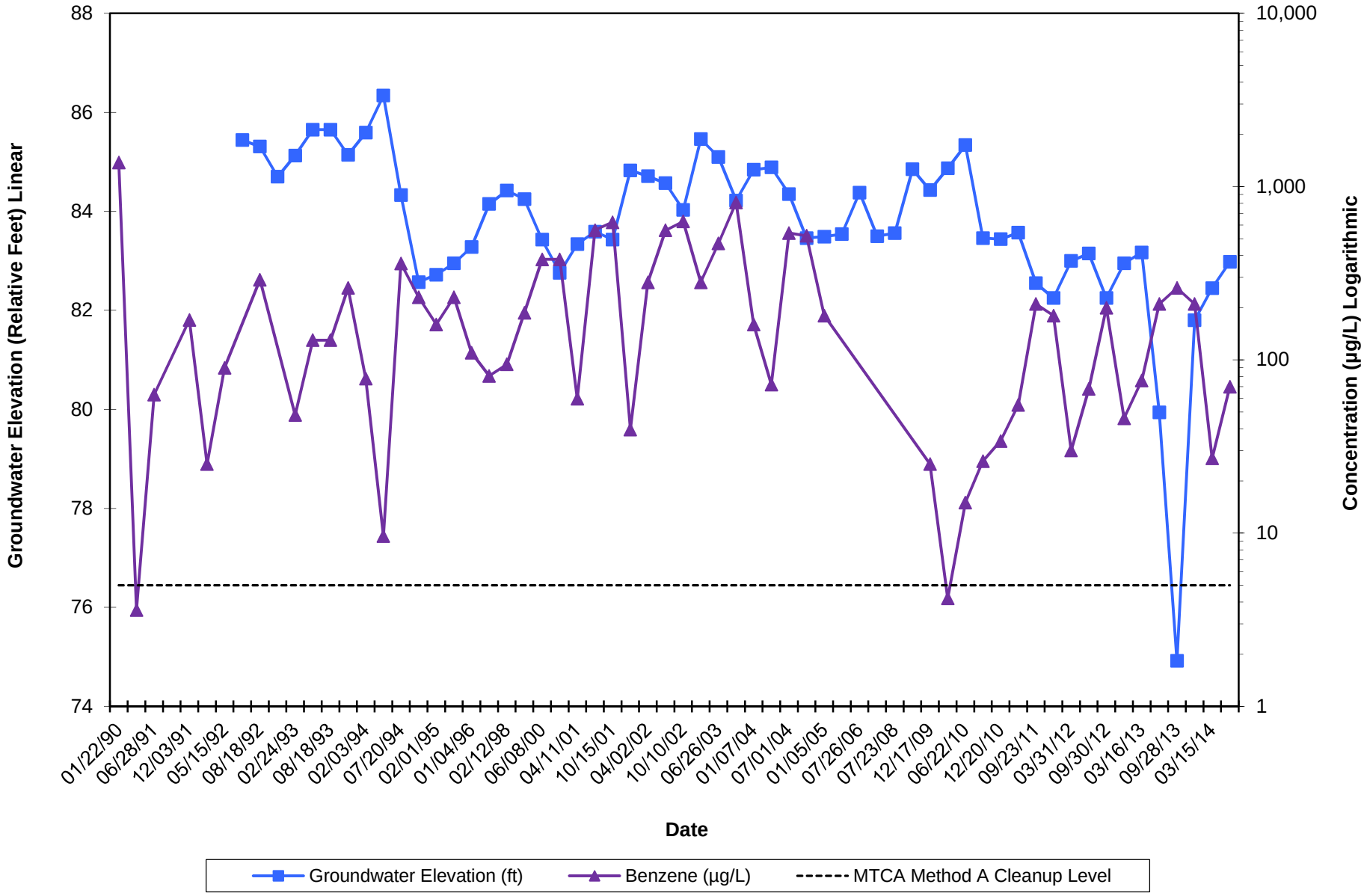
leidos

Well MW-3
Hydrograph - Heavy Oil-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



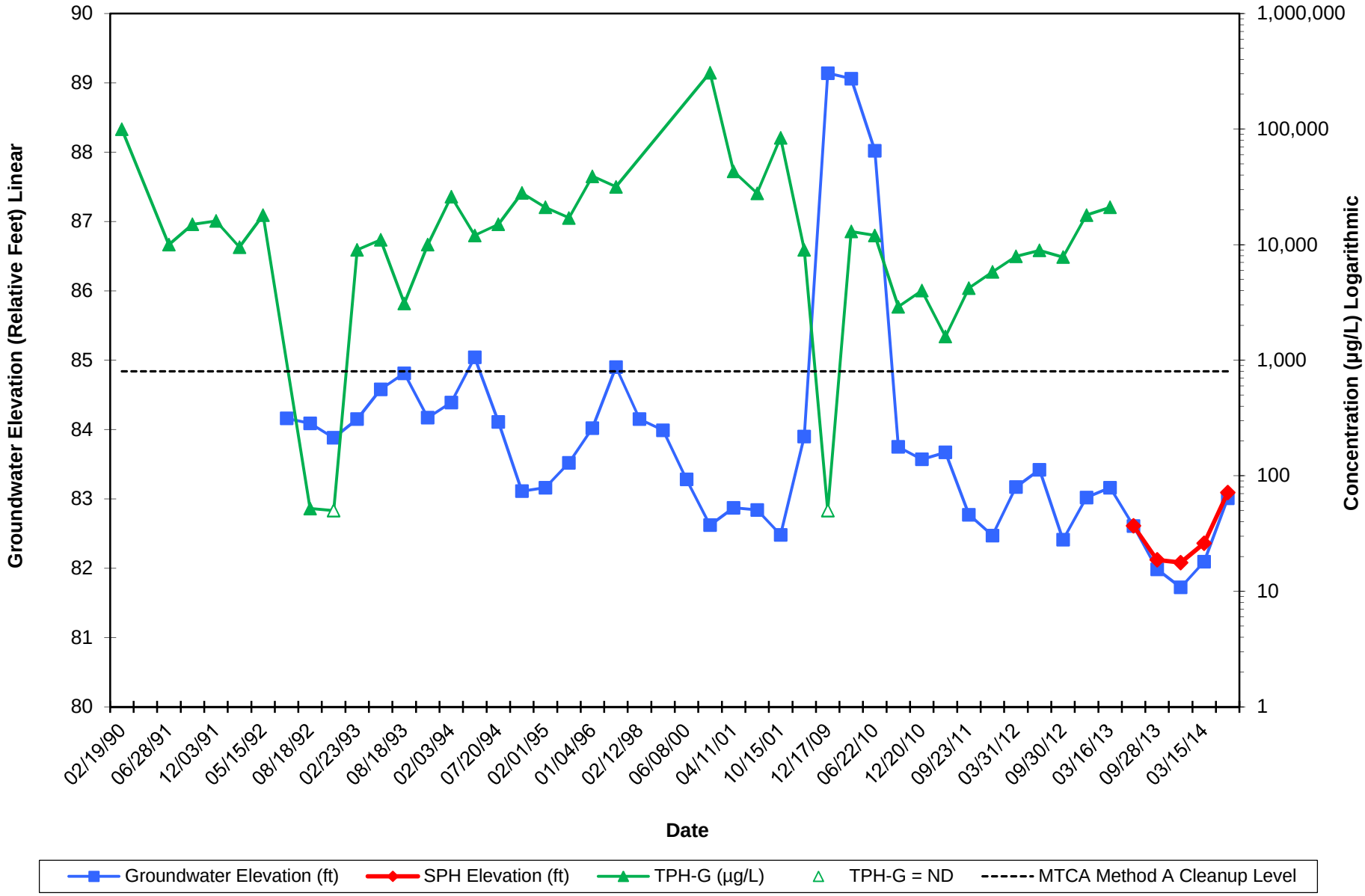
leidos

Well MW-3
Hydrograph - Benzene
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



leidos

Well MW-9
Hydrograph - Gasoline-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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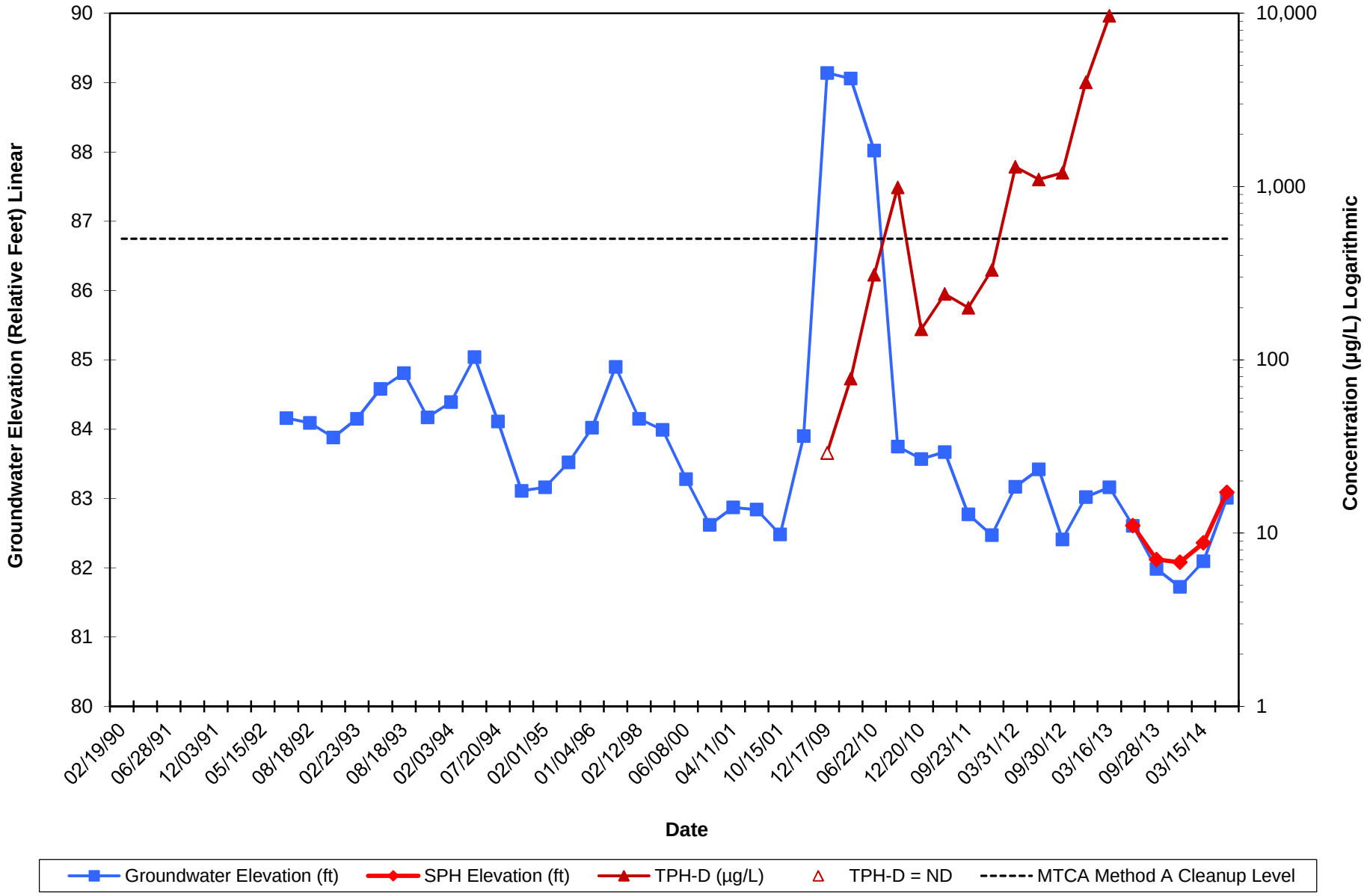
Well MW-9
Hydrograph - Diesel-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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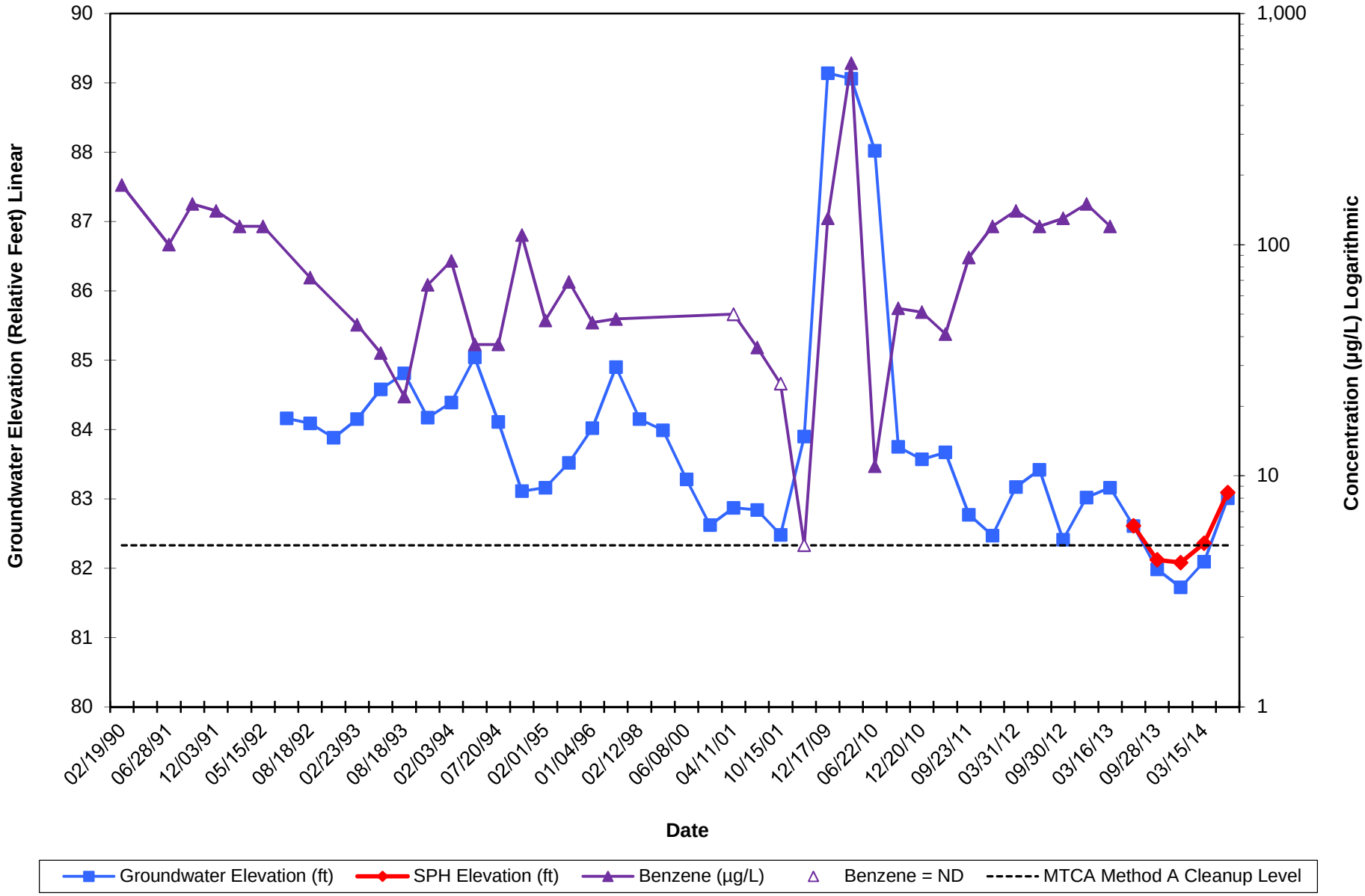
Well MW-9
Hydrograph - Benzene
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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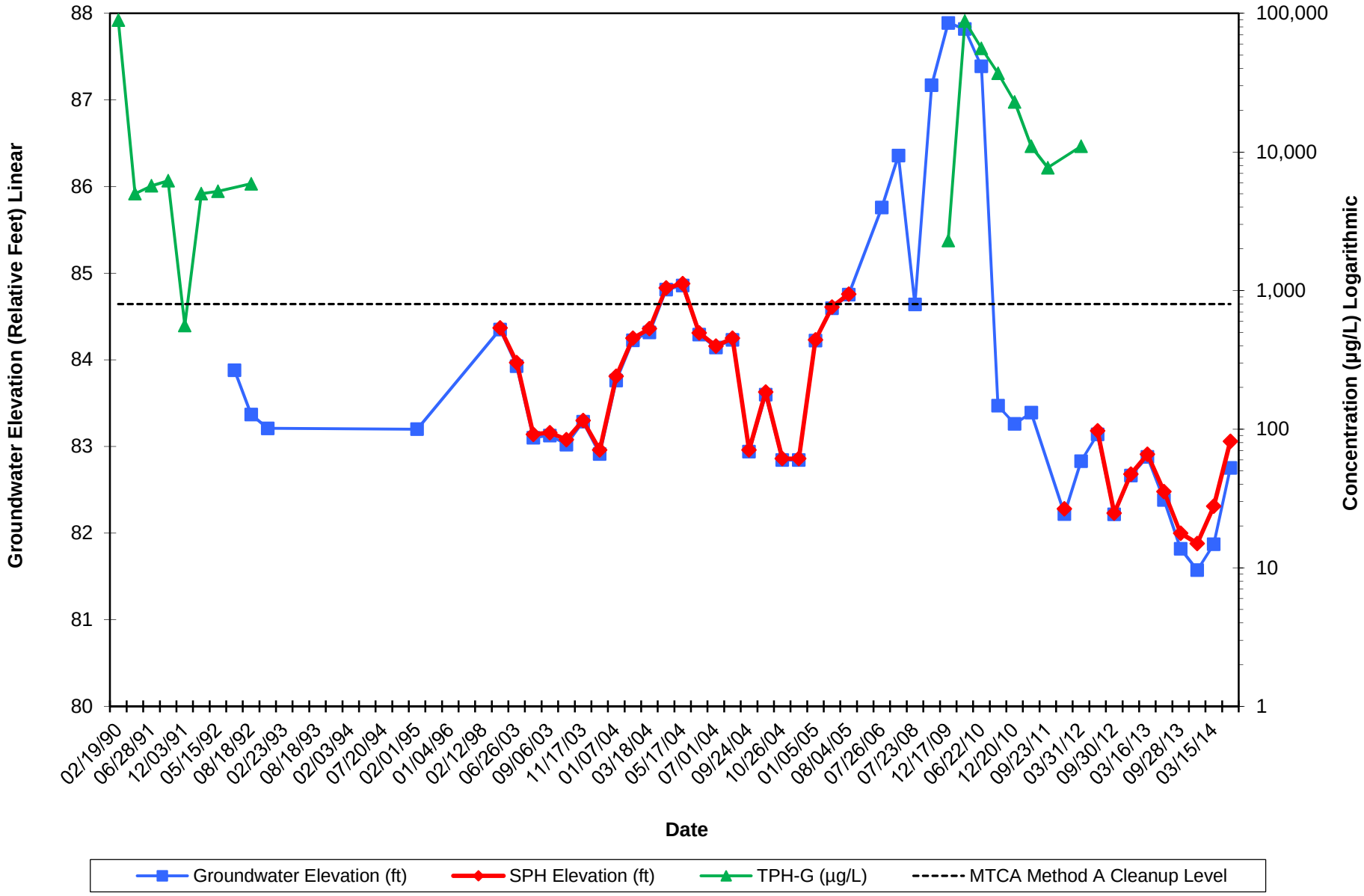
Well MW-10
Hydrograph - Gasoline-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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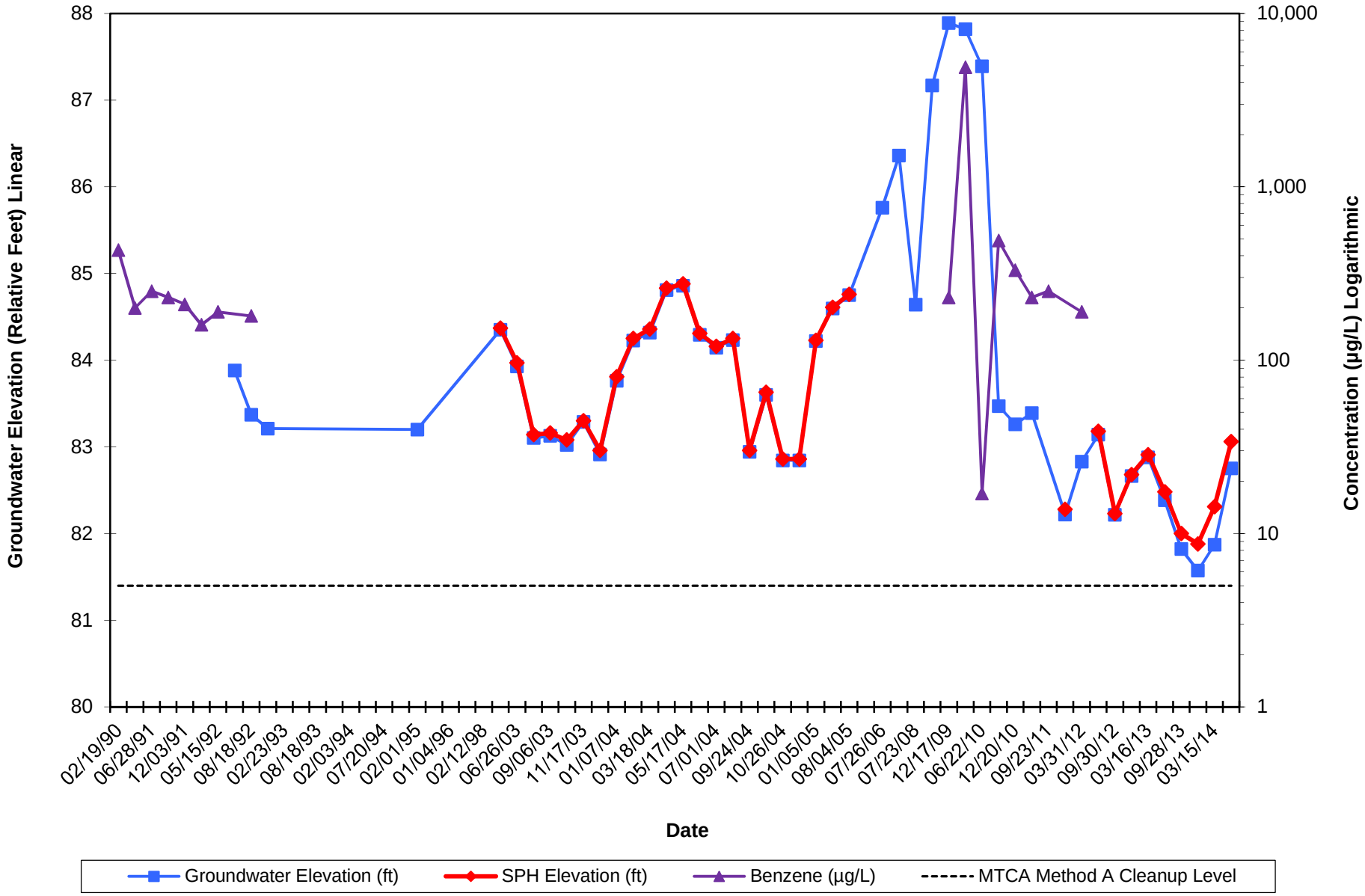
Well MW-10
Hydrograph - Benzene
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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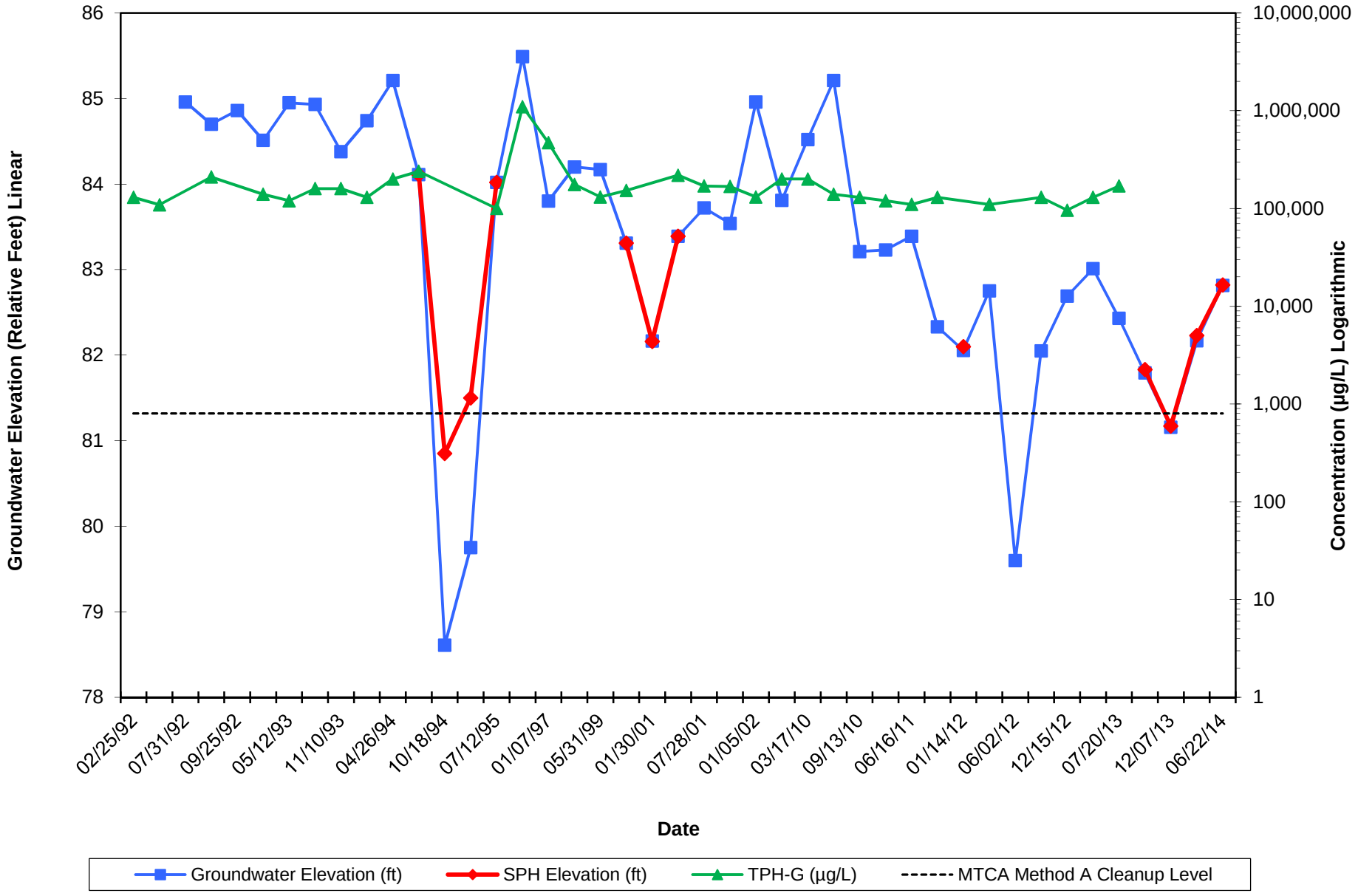
Well MW-12
Hydrograph - Gasoline-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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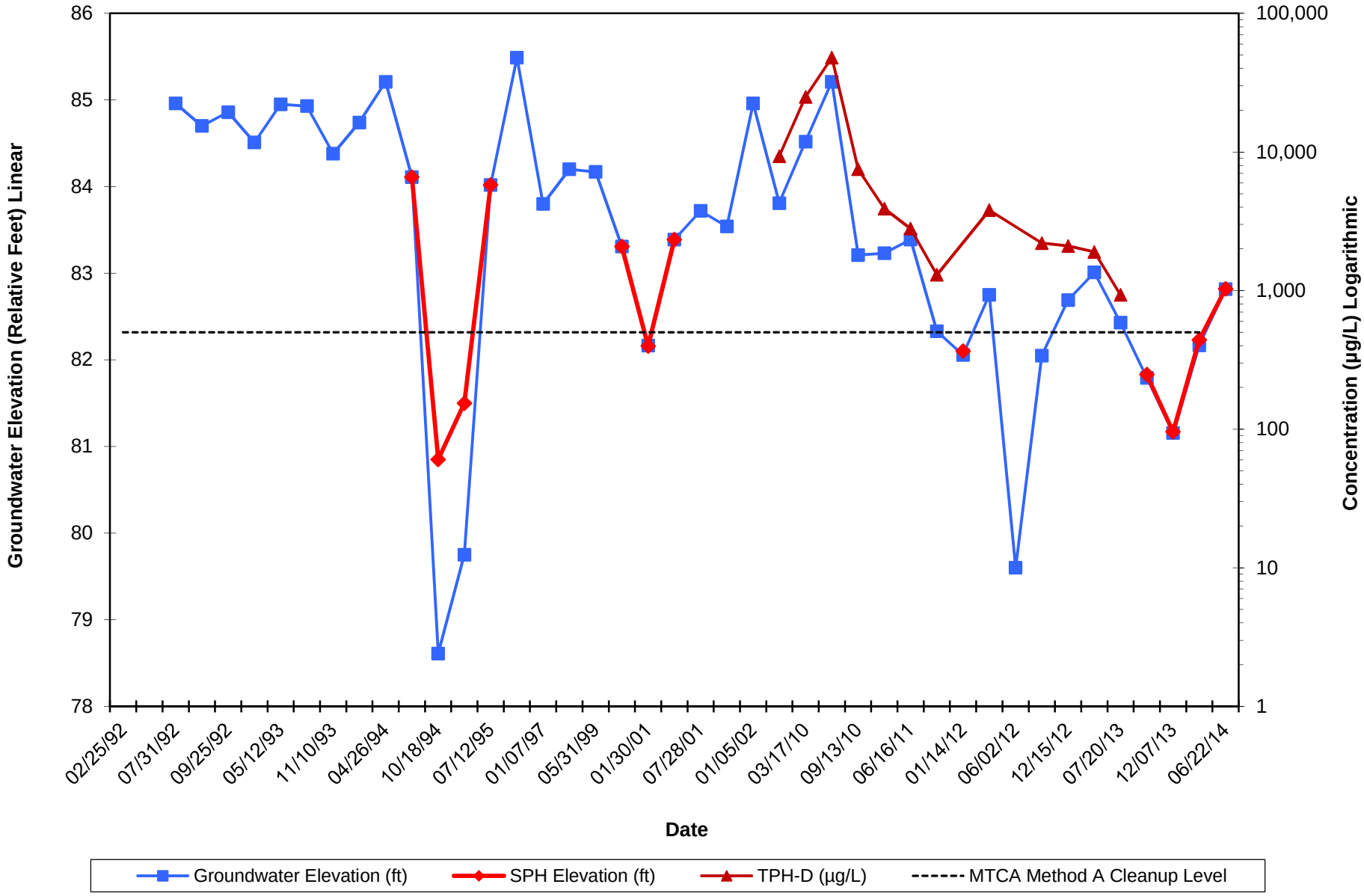
Well MW-12
Hydrograph - Diesel-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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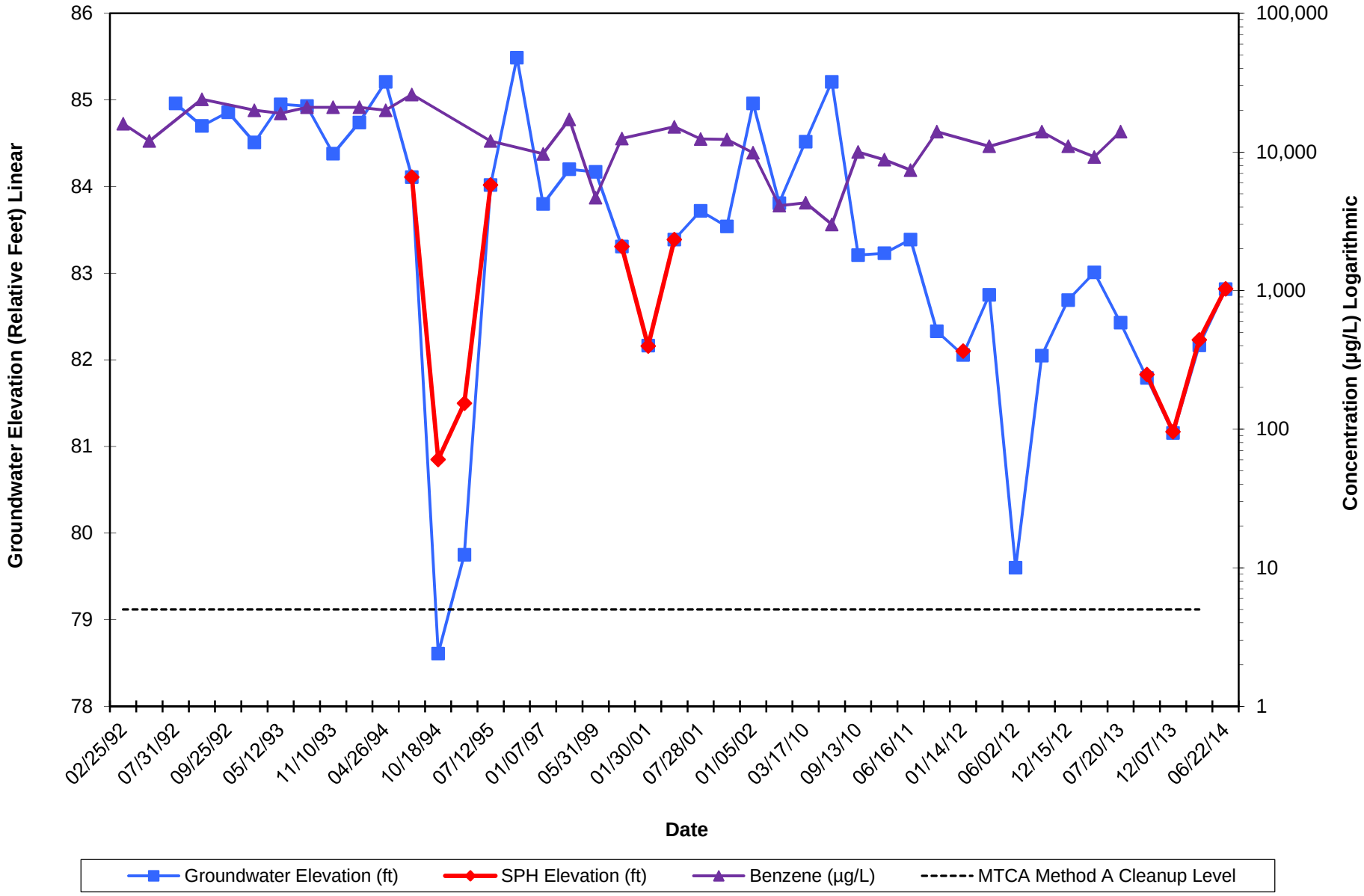
Well MW-12
Hydrograph - Benzene
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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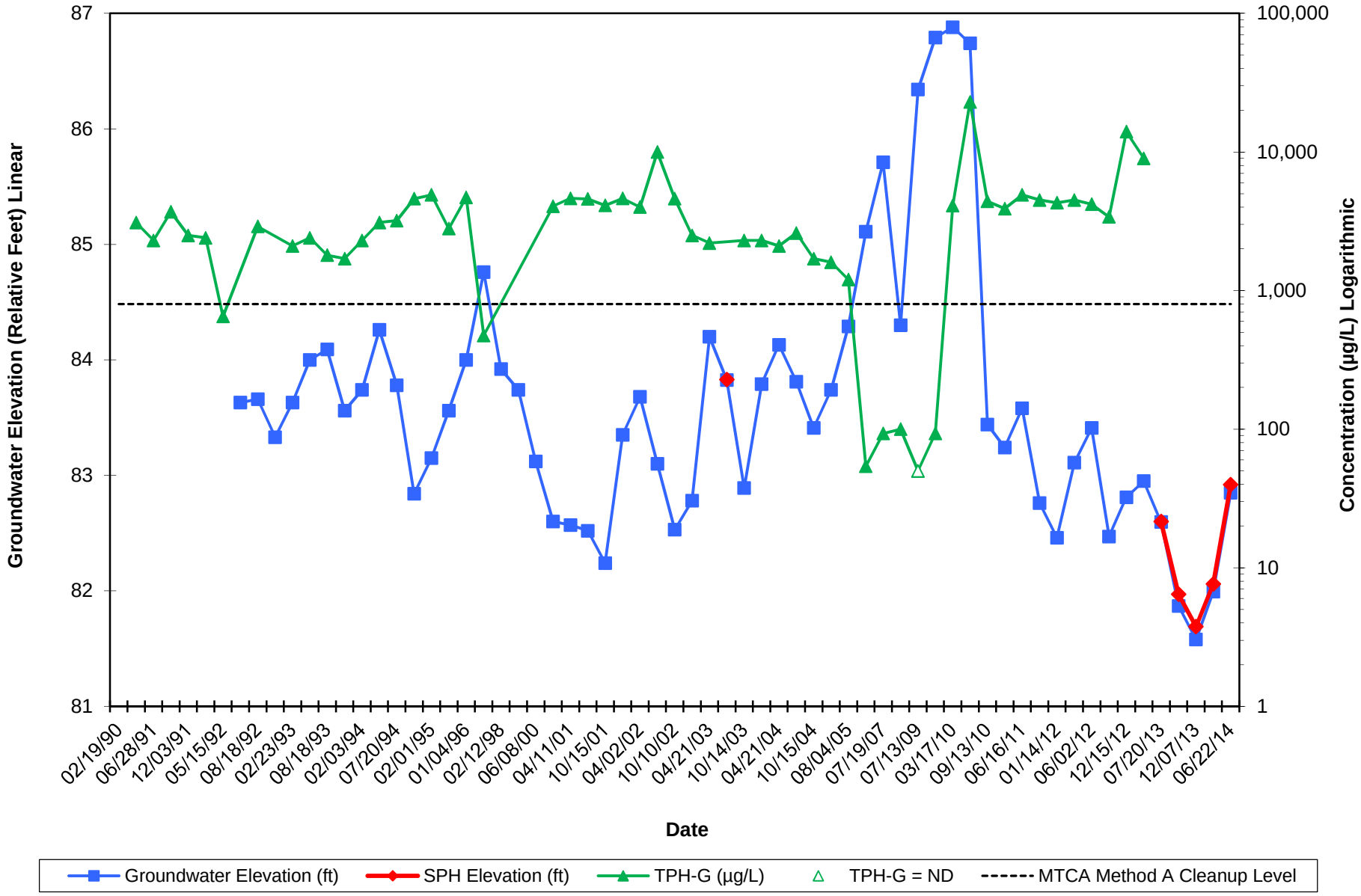
Well MW-13
Hydrograph - Gasoline-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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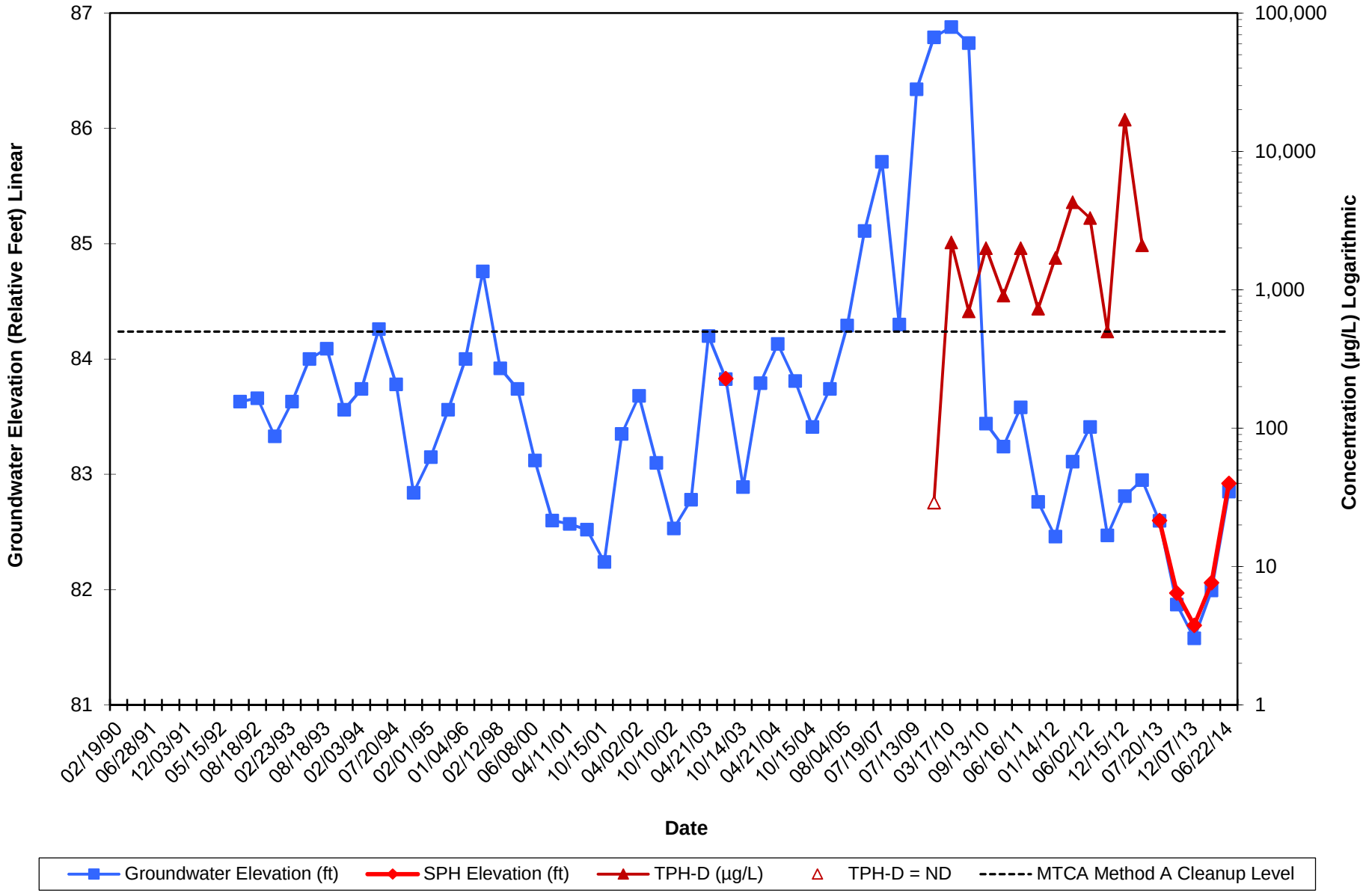
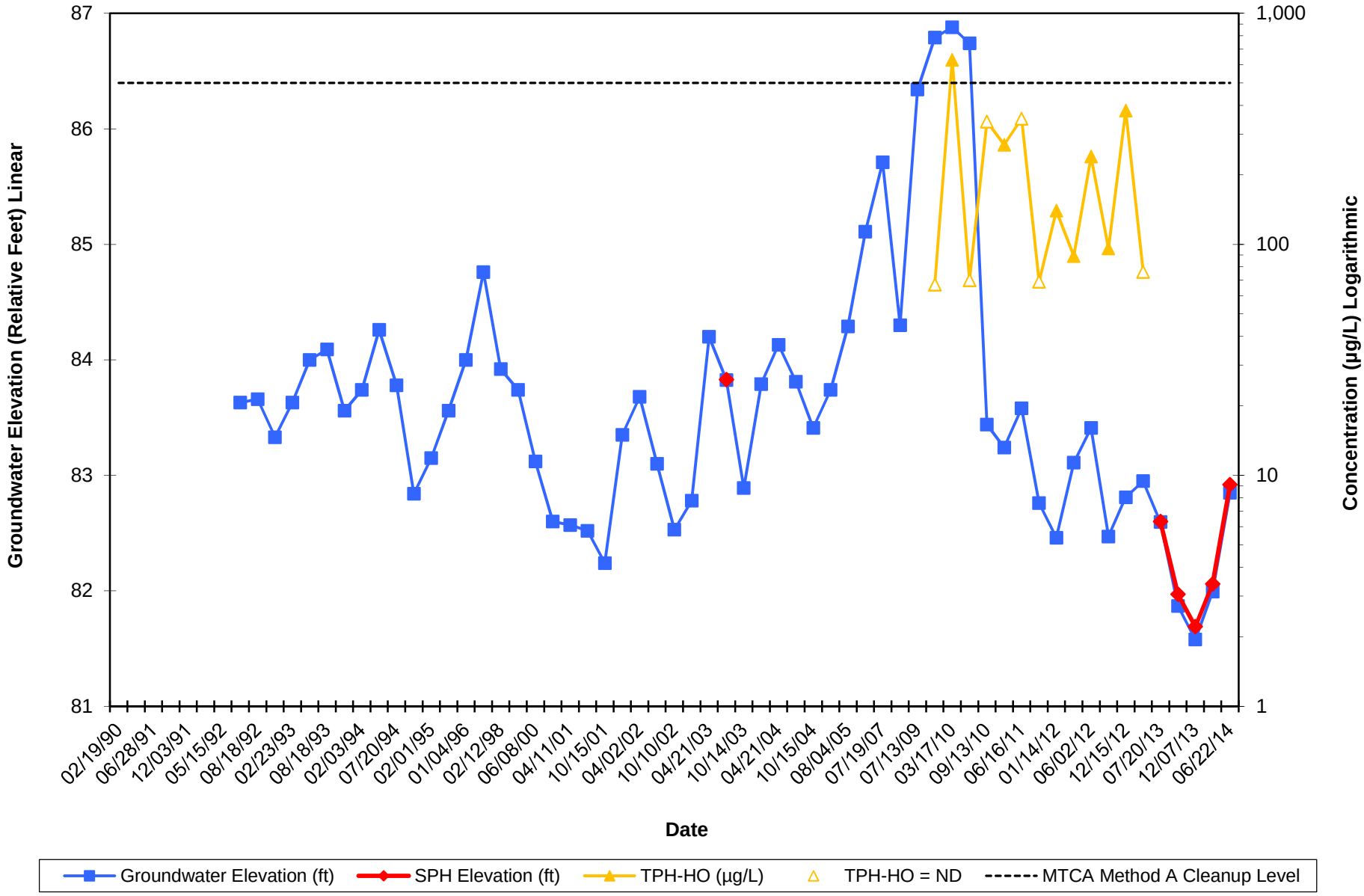
Well MW-13
Hydrograph - Diesel-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



leidos

Well MW-13
Hydrograph - Heavy Oil-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



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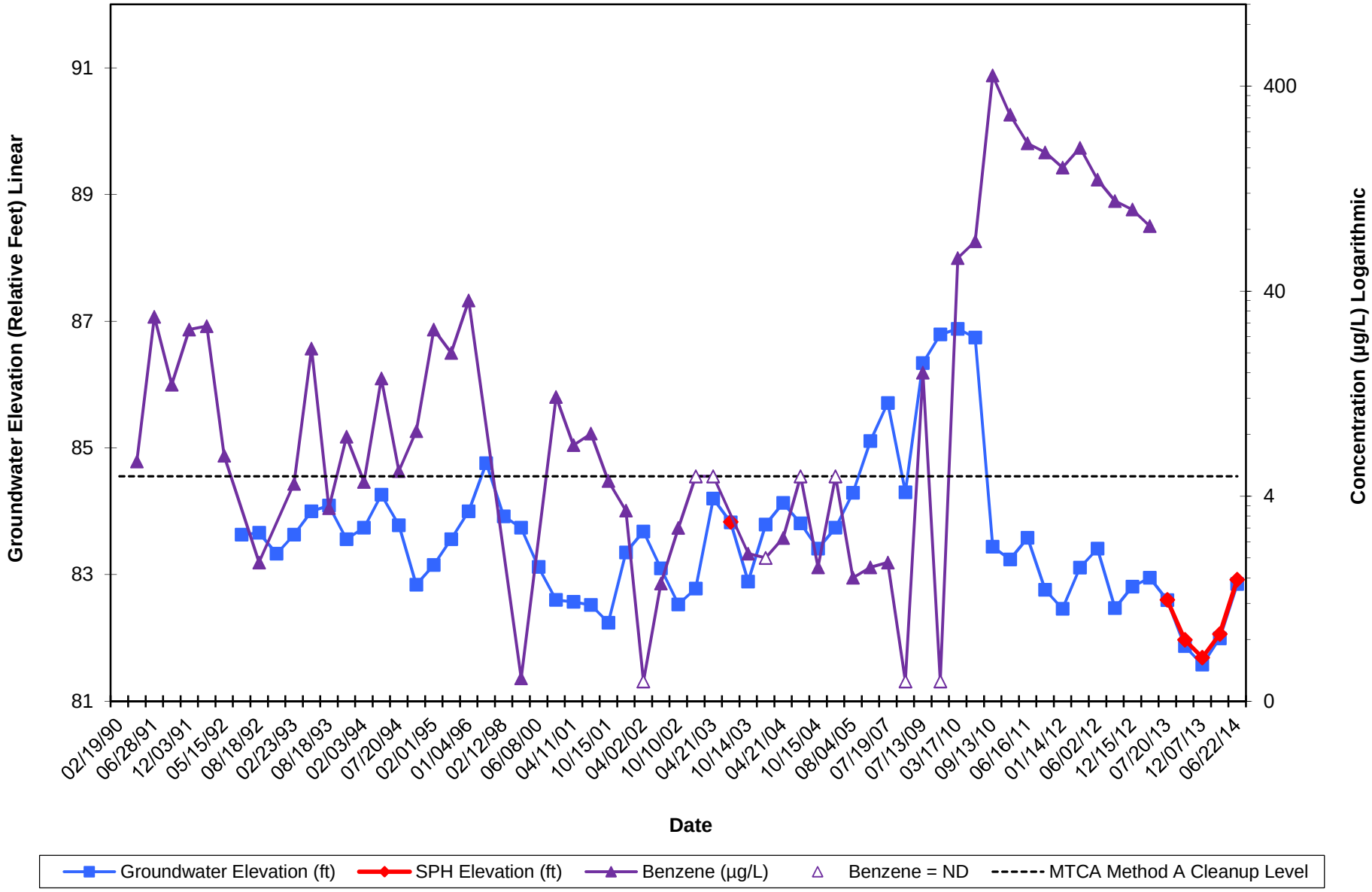
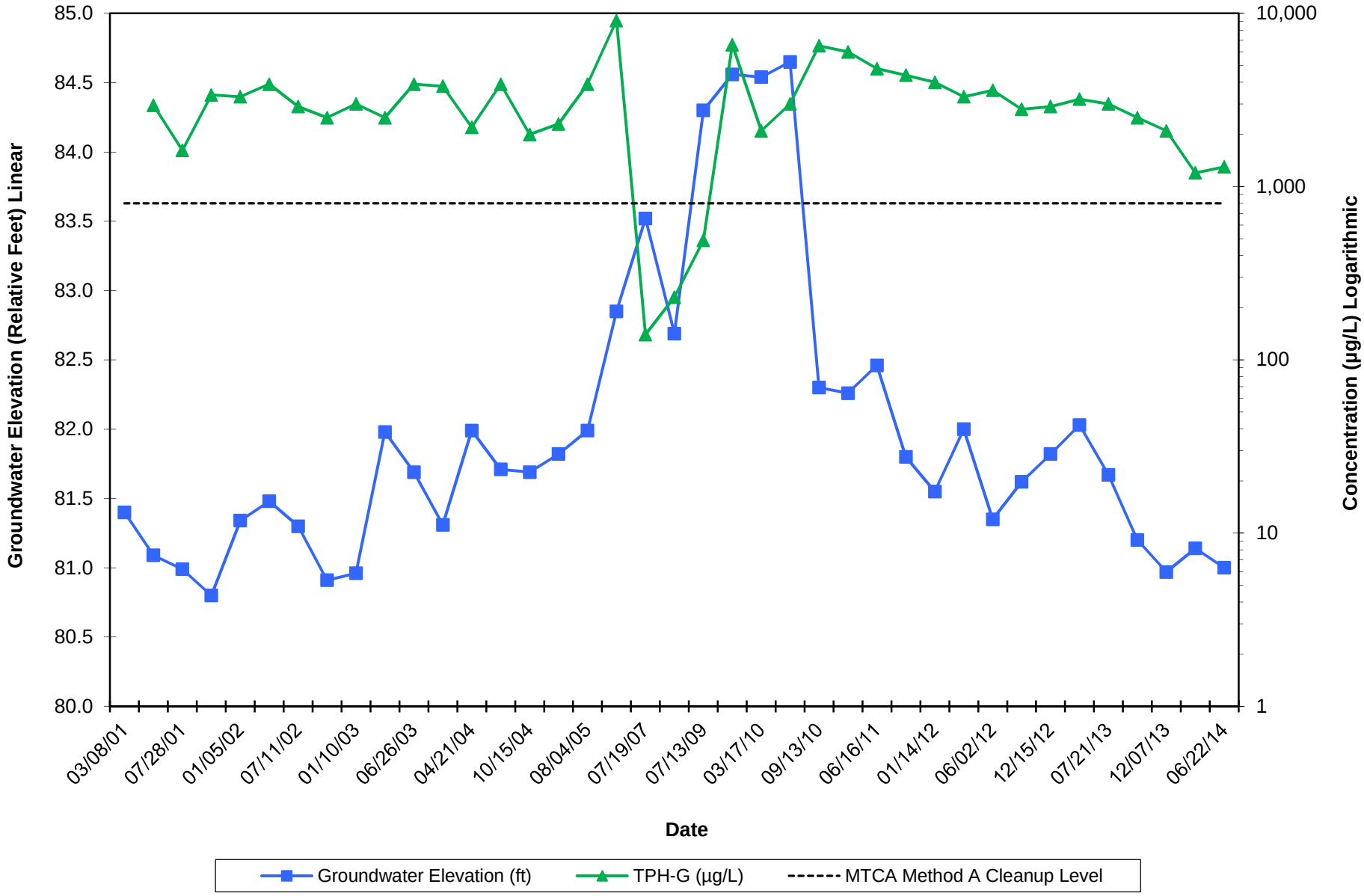
Well MW-13
Hydrograph - Benzene
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



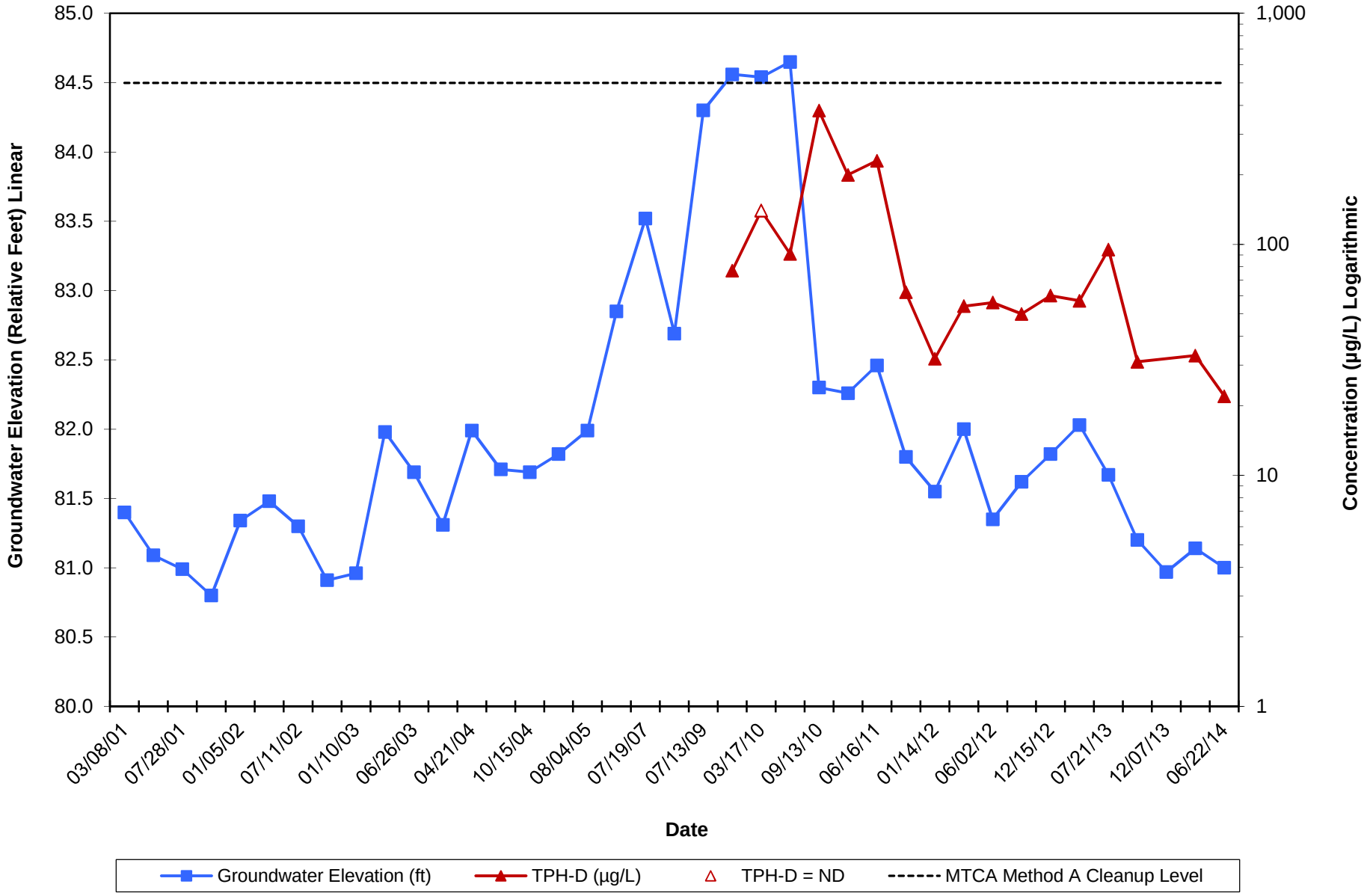
leidos

Well MW-16
Hydrograph - Gasoline-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



leidos

Well MW-16
Hydrograph - Diesel-Range Hydrocarbons
Chevron Service Station No. 90129
4700 Brooklyn Ave, Seattle, WA



leidos

Well MW-16
Hydrograph - Benzene
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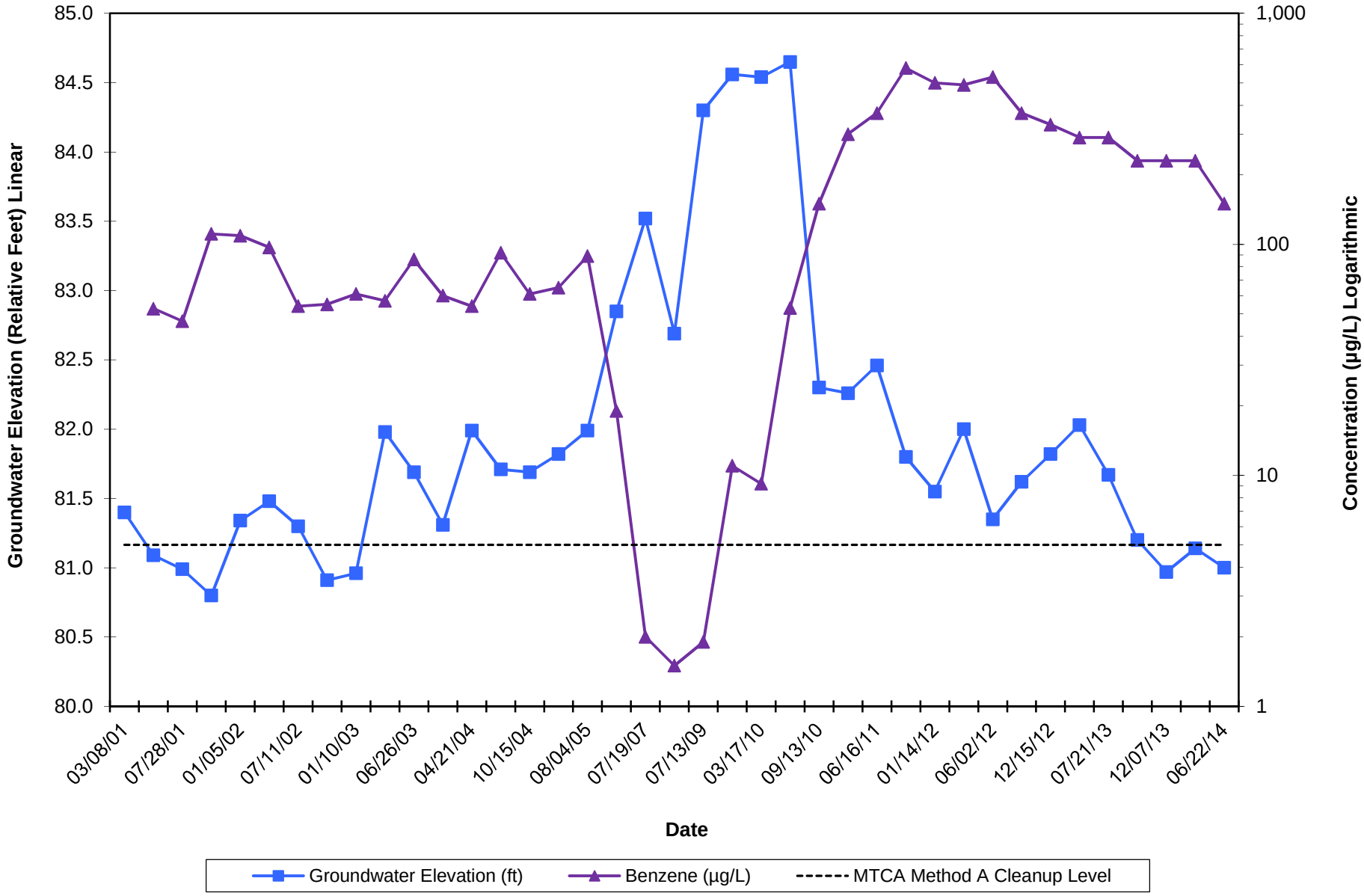

leidos