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Chevron Environmental Management Company

Groundwater Monitoring Report 2013

Former Chevron Bulk Plant No. 100-1327
Facilities North / King County (Metro)
Seattle, Washington

June 11, 2013

Groundwater
Monitoring Report 2013

Former Chevron Bulk Plant
No. 100-1327
Facilities North / King County (Metro)
Seattle, Washington

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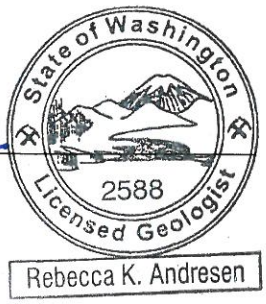

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1 Introduction

On behalf of Chevron Environmental Management Company (Chevron), ARCADIS US, Inc. (ARCADIS), has prepared this report to document the 2013 groundwater sampling events for former Chevron Bulk Plant No. 100-1327 (the site). The site is located at 1602 North Northlake Way along the north shore of Lake Union in a mixed-use residential and commercial neighborhood. This property is divided into two operable areas: a north yard located on the north side of North Northlake Way and a south yard located adjacent to the north shore of Lake Union and south of North Northlake Way (Figure 1). This report summarizes the groundwater gauging and sampling events conducted by ARCADIS in 2013.

1.1 North Yard

The portion of the site that is located between North 34th Street (to the north) and North Northlake Place (to the south), and between Woodlawn Avenue North (to the west) and Densmore Avenue North (to the East) is North Yard. Touchstone Corporation (Touchstone) intends to buy and redevelop this property.

1.1.1 Touchstone PPCD

Touchstone intends to buy, remediate, and redevelop the north yard portion of the site. Touchstone has filed for Prospective Purchaser Consent Decree (PPCD) with State of Washington, Department of Ecology (Ecology) to remediate the north yard to Model Toxics Control Act (MTCA) Method C Industrial soil cleanup levels. According to the terms of PPCD, Touchstone is only required to address soil contamination in the north yard and is not responsible for addressing any off-property soil contamination or the groundwater contamination on and off the property boundary.

1.2 South Yard

The south yard is bounded by Lake Union on the southeast, private property on the northwest, North Northlake Place on the northeast, and a property occupied by the Seattle Harbor Patrol on the southeast.

1.3 Public Right of Way between North and South Yard

The onsite area between the North Yard and South Yard is referred to as the public right of way (ROW) in this report. This area is shown on **Figure 1**.

Groundwater monitoring is typically conducted annually and groundwater gauging is conducted quarterly at the site. However, in 2013, one gauging event and one sampling event occurred. On April 22, 23, and 24, 2013 ARCADIS conducted groundwater sampling and gauging activities.

2 Groundwater Monitoring

2.1 Groundwater Gauging Methods

Groundwater gauging was conducted in conjunction with sampling activities on April 22, 2013. Site monitoring wells were gauged with an oil/water interface probe to determine depth to water and to ascertain if light non aqueous phase liquid (LNAPL) was present.

The wells were gauged in order from lowest historical concentrations of petroleum constituents to highest in order to prevent cross contamination. Non-disposable groundwater gauging equipment was decontaminated prior to and after each use with a detergent solution and rinsed in potable water. Field notes taken during the groundwater monitoring events and gauging activities are included as **Appendix A**.

2.2 Groundwater Elevation and Flow Direction

On April 22, 2013, groundwater monitoring wells MW-4, MW-7, MW-8A, MW-9, MW-19, MW-20, MW-21, MW-25, MW-26, MW-27, MLU-1, SMPN-1, SMPN-2 and SMPN-3 were gauged to determine groundwater elevations and the presence of LNAPL. LNAPL was present in monitoring well MW-9 at a thickness of 0.67 foot, MW-27 at a thickness of 0.01 foot and SMPN-1 had sheen. During the April 22, 2013, gauging event, depth to groundwater ranged between 7.34 feet below top of casing (btoc) in monitoring well MW-27 to 15.18 feet btoc in monitoring well MW-4. Groundwater elevations ranged from 18.61 feet above mean sea level (msl) to 26.68 feet above msl in monitoring wells MW-25 and MW-27, respectively. Groundwater elevation could not be calculated for MW-3 because it was not surveyed when top of casing elevations were resurveyed in May 2011. Compliance wells for the north yard include MW-19, MW-20, and MW-21. Because MW-3 is not a compliance well, and is located within the

Touchstone building, Chevron requests monitoring of this well be discontinued during future LNAPL gauging events.

Water table elevation data at the site during the April 22, 2013, event indicate groundwater flow direction is toward the southwest. The historical groundwater flow direction has seasonally fluctuated from the southeast toward the southwest. Current and historical groundwater elevation data are included in **Table 1**. Historic and current LNAPL thicknesses and removal data are presented in **Table 2**. The horizontal hydraulic gradient present on site is approximately 0.03 ft/ft. The gradient in the offsite upgradient area is much steeper, as this area is 30 feet higher in elevation than the onsite area. The Groundwater Elevation Contour Map for April 22, 2013 monitoring well gauging data is included on **Figure 2**.

2.3 Groundwater Sampling Methods

The annual 2013 groundwater monitoring event was conducted on April 22, 23 and 24, 2013. During this event groundwater samples were collected from monitoring wells MW-4, MW-7, MW-8A, MW-9, MW-19, MW-20, MW-21, MW-25, MW-26, MW-27, MLU-1, SMPN-1, SMPN-2 and SMPN-3. Sampling was conducted in accordance with low flow purge methodology, using a peristaltic pump and disposable tubing. Flow rates used during sampling ranged from approximately 200 to 500 milliliters per minute (mL/min) thereby minimizing water level drawdown in the well. During low flow purging, field indicator parameters including pH, specific conductivity and temperature were monitored using a water quality meter with a flow-through measurement cell. Groundwater was considered stabilized when pH readings remained within 0.1 units, and specific conductivity and temperature readings remained within 3%. The flow-through measurement cell was then disconnected from the disposable tubing and sample containers were filled directly from the tubing. After the samples were collected in appropriate laboratory bottles they were labeled, stored in a cooler packed with ice, and submitted under proper chain-of-custody procedures to Lancaster Laboratories (Lancaster) in Lancaster, Pennsylvania. Groundwater samples were submitted to the analytical laboratory for one or more of the following analyses:

- Benzene, toluene, ethylbenzene and naphthalene by EPA method 8021B
- carcinogenic polyaromatic hydrocarbons (cPAHs) by EPA 8270C SIM
- Dissolved lead and arsenic by EPA method 6020

The cPAHs were collected two ways, with field filtering and unfiltered. During the April event, the cPAHs were sampled to include both filtered and unfiltered samples. A

duplicate groundwater sample DUP-1 was collected from AGI-2, during the event and submitted blind to the laboratory for the above analyses. Analytical results for petroleum hydrocarbons and metals are presented in **Table 1, Table 3** and on **Figure 2.**

2.4 Groundwater Analytical Results

Groundwater cleanup levels at the site were based on MTCA Method B surface water cleanup levels (CULs) (Foster Wheeler, 1998). The MTCA Method B surface water CULs for specific constituents of concern (COCs) at the site include:

Constituents of Concern	Groundwater CUL	Units
Benzene	43	µg/L
Toluene	48,500	µg/L
Ethylbenzene	6,910	µg/L
Naphthalene	9,880	µg/L
Benzo(a)anthracene	0.0296	µg/L
Benzo(a)pyrene	0.0296	µg/L
Benzo(b)fluoranthene	0.0296	µg/L
Benzo(k)fluoranthene	0.0296	µg/L
Chrysene	0.0296	µg/L
Dibenz(a,h)anthracene	0.0296	µg/L
Indeno(1,2,3-cd)pyrene	0.0296	µg/L
Arsenic	0.0982	µg/L
Lead	5	µg/L

During the annual sampling event conducted on April 22, 23 and 24, 2013, groundwater was sampled for benzene, toluene, ethylbenzene, unfiltered and filtered cPAHs as well as filtered naphthalene, arsenic and lead, from monitoring wells MW-4, MW-7, MW-8A, MW-9, MW-19, MW-20, MW-21, MW-25, MW-26, MW-27, MLU-1, SMPN-1, SMPN-2 and SMPN-3. Dissolved arsenic was detected at levels greater than the MTCA Method B surface water CUL in every well sampled. Arsenic concentrations ranged from 11.6 µg/L in MW-21 to not detected above the laboratory detection limit (DL) of 0.40 µg/L in samples collected from wells MW-4, MW-8A, MW-26 and MLU-1, which is greater than the cleanup level. No other COCs were detected at concentrations greater than the MTCA Method B surface water CULs. Analytical results are presented on **Figure 3** and in **Table 1** and **Table 3**.

3 Conclusions

The groundwater elevation data collected during the 2013 monitoring event indicates groundwater flow direction and horizontal hydraulic gradient to be generally consistent with historical data. Concentrations of the constituents of concern in the groundwater samples collected during the 2013 event are generally consistent with historical data. LNAPL was detected in monitoring wells MW-9, MW-27, and SMPN-1 during gauging activities, which is generally consistent with historic data.

Annual 2014 groundwater sampling is scheduled to be conducted by ARCADIS in the first half of 2014 with gauging and product removal events to be conducted quarterly. These events are being scheduled at the request of Department of Ecology (Ecology) to allow comparison of groundwater conditions with the Gasworks Park site. If you have any questions or would like to discuss this further, please contact Scott Zorn at 206.726.4709.

4 References

Foster Wheeler Environmental Corporation. 1998. *Draft Cleanup Action Plan Former Chevron Bulk Plant 100-1327 Facilities North/King County Metro Transit Lake Union Site*. (November 24, 1998).

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Tables

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						*43*	*48,500*	*6,910*	*--*	*9,880*
MW-3										
08/11/99	104.07	--	--	0.00	--	**168**	4.29	20.60	--	3.34
10/21/99	104.07	--	--	0.00	--	**149**	<3.25	<5.9	--	0.54[6]
10/22/99	104.07	--	--	0.00	--	**149**	<2.30	<4.00	--	--
05/24/01	104.07	10.25	94.03	0.26	--	--	--	--	--	--
06/27/01	104.07	--	--	0.00	--	--	--	--	--	--
03/18/02	104.07	9.28	95.34	0.69	--	--	--	--	--	--
12/21/02	104.07	--	--	0.00	--	--	--	--	--	--
03/26/03	104.07	7.02	97.05	0.00	--	--	--	--	--	--
06/26/03	104.07	11.49	93.38	1.00	--	--	--	--	--	--
07/21/03	104.07	--	--	0.00	--	--	--	--	--	--
08/28/03	104.07	--	--	0.00	--	--	--	--	--	--
10/16/03	104.07	13.89	92.05	2.34	--	--	--	--	--	--
11/21/03	104.07	--	--	0.00	--	--	--	--	--	--
12/17/03	104.07	11.02	93.65	0.75	--	--	--	--	--	--
01/29/04	104.07	10.59	94.10	0.77	--	--	--	--	--	--
02/18/04	104.07	10.32	94.19	0.55	--	--	--	--	--	--
03/30/04	104.07	9.93	94.66	0.65	--	--	--	--	--	--
09/22/04	104.07	11.35	93.31	0.74	--	--	--	--	--	--
03/15/05	104.07	12.98	92.82	2.16	--	--	--	--	--	--
09/28/05	104.07	11.25	--	<3.0	--	--	--	--	--	--
03/29/06	104.07	12.40	94.58**	3.64	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/21/07	104.07	10.67	94.63**	1.54	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/25/08	104.07	10.38	94.21**	0.65	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
09/08-09/08[1]	104.07	11.02	93.43**	0.47	1.50[5]	--	--	--	--	--
12/11/08[1]	104.07	12.10	93.02**	1.31	2.50[5]	--	--	--	--	--
03/30-31/09[1]	104.07	9.70	94.37	0.00	--	--	--	--	--	--
06/15/09[1]	104.07	10.97	94.04**	1.18	2.50[5]	--	--	--	--	--
09/10-11/09[1]	104.07	12.21	92.88**	1.27	1.66[5]	--	--	--	--	--
02/23/10[1]	104.07	11.25	94.82**	2.50	1.75[5]	--	--	--	--	--
03/15/10[1]	104.07	11.25	94.94**	2.65	2.50[12]	--	--	--	--	--
09/15/10	104.07		INACCESSIBLE			--	--	--	--	--
12/04/10	104.07		INACCESSIBLE			--	--	--	--	--
03/23/12	104.07	12.00	92.15**	0.10	0.50	--	--	--	--	--
06/01/12	104.07		INACCESSIBLE			--	--	--	--	--
04/22/13	**104.07**		**INACCESSIBLE**			--	--	--	--	--
MW-4										
08/10/99	--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/20/99	--	--	--	0.00	--	--	--	--	--	--
07/26/01	--	15.46	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							*43*	*48,500*	*6,910*	*--*	*9,880*
MW-4 (cont)											
10/11/02		--	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
12/31/02		--	16.88	--	0.00	--	<0.500	<0.500	<0.500	--	--
02/27/03		--	16.22	--	0.00	--	<0.500	<0.500	<0.500	--	--
03/26/03		--	15.38	--	0.00	--	<0.500	<0.500	<0.500	--	--
04/28/03		--	15.12	--	0.00	--	<0.500	0.536	<0.500	--	--
05/30/03		--	15.02	--	0.00	--	<0.500	<0.500	<0.500	--	--
06/25/03		--	15.39	--	0.00	--	<0.500	<0.500	<0.500	--	<0.100
09/16/03		--	16.76	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
12/15/03		--	16.8	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/25/04		--	15.85	--	0.00	--	<0.500	<0.500	<0.500	--	<0.119
09/22/04		--	15.94	--	0.00	--	--	--	--	--	--
03/14/05		--	16.26	--	0.00	--	--	--	--	--	--
03/29/06		--	15.71	--	0.00	--	--	--	--	--	--
03/21/07		--	15.77	--	0.00	--	0.590	<0.500	<0.500	--	<5.00
03/25/08		--	15.78	--	0.00	--	<0.5	1.2	<0.5	--	0.022
09/08-09/08		--	15.91	--	0.00	--	<0.5	<0.5	<0.5	--	<1.0
12/11/08		--	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--
03/30-31/09		--	15.54	--	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/10-11/09		--	16.39	--	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/15/10		--	12.67	--	0.00	--	0.6	<0.5	<0.5	--	<1.0
09/15/10		--	16.25	--	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/14/11		--	15.55	--	0.00	--	--	--	--	--	--
09/25/11		33.92	16.55	17.37	0.00	--	0.5	<0.2	<0.2	--	<1.0
10/10/11		33.92	16.20	17.72	0.00	--	--	--	--	--	--
06/21/12		33.92	14.49	19.43	0.00	--	--	--	--	--	--
09/20/12		33.92	16.60	17.32	0.00	--	--	--	--	--	--
09/21/12		33.92	16.59	17.33	0.00	--	<0.5	<0.5	<0.5	--	<0.030
12/26/12		33.92	16.62	17.30	0.00	--	<0.5	<0.5	<0.5	--	--
04/22/13		**33.92**	**15.18**	**18.74**	**0.00**	**--**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.030**
MW-7											
08/10/99		98.39	--	--	0.00	--	683	491	2550	--	673
10/20/99		98.39	--	--	0.00	--	172	80.4	177	--	--
07/26/01		98.39	12.61	85.78	0.00	12.61	162	58.5	314	--	149
04/03/02		98.39	13.03	85.36	0.00	13.03	58.0	22.2	346	--	96.2
07/02/02		98.39	12.13	86.26	0.00	12.13	46.9	9.88	158	--	--
09/03/02		98.39	13.76	84.63	0.00	13.76	42.0	21.9	153	--	--
09/03/02	(D)	98.39	13.76	84.63	0.00	13.76	88.8	37.2	498	--	--
10/11/02		98.39	14.87	83.52	0.00	14.87	41.4	15.8	145	--	--
03/26/03		98.39	13.12	85.27	0.00	13.12	10.1	15.6	108	--	--
04/28/03		98.39	12.33	86.06	0.00	12.33	31.5	35.5	664	--	--
05/30/03		98.39	11.76	86.63	0.00	11.76	7.34	11.6	106	--	--
06/25/03		98.39	13.14	85.25	0.00	13.14	16.4	27.4	446	--	34.6
09/16/03		98.39	13.93	84.46	0.00	13.93	<50.0	78.6	1190	--	583

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC[*] (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							***43***	***48,500***	***6,910***	***--***	***9,880***
MW-7 (cont)											
12/15/03		98.39	13.96	84.43	0.00	13.96	25.9	44.9	1470	--	550
03/21/07		98.39	UNABLE TO LOCATE		--	--	--	--	--	--	--
03/25/08		98.39	UNABLE TO LOCATE		--	--	--	--	--	--	--
09/08-09/08		98.39	UNABLE TO LOCATE		--	--	--	--	--	--	--
12/11/08		98.39	MONITORED SEMI-ANNUALLY			--	--	--	--	--	--
03/30-31/09		98.39	UNABLE TO LOCATE		--	--	--	--	--	--	--
09/10-11/09		98.39	UNABLE TO LOCATE		--	--	--	--	--	--	--
03/15/10[11]		98.39	13.07	85.32	0.00	0.00	27	4.9	230	--	490
09/15/10		98.39	13.4	84.99	0.00	0.00	38	6	270	--	570
03/14/11		98.39	12.85	85.54	0.00	--	--	--	--	--	--
06/21/12		31.13	12.19	18.94	0.00	--	--	--	--	--	--
09/20/12		31.13	13.74	17.39	0.00	--	46	6.9	120	--	530
12/26/12		31.13	15.67	15.46	0.00	--	34	6.0	240	--	--
04/22/13		**31.13**	**12.40**	**18.73**	**0.00**	**--**	**31**	**4.5**	**82**	**--**	**340**
MW-8A											
12/15/03		97.60	13.32	84.28	0.00	--	14.8	2.46	37.7	--	8.61
03/25/04		97.60	12.24	85.36	0.00	--	12.0	1.33	2.54	--	0.267
09/23/04		97.60	12.30	85.30	0.00	--	14.8	0.757	2.00	--	0.319
09/23/04	(D)	97.60	12.30	85.30	0.00	--	13.3	0.671	1.75	--	0.319
03/14/05		97.60	12.68	84.92	0.00	--	8.3	1.72	4.54	--	3.61
03/29/06		97.60	12.14	85.46	0.00	--	<0.500	<0.500	<0.500	--	<1.0
03/21/07		97.60	12.21	85.39	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08		97.60	12.13	85.47	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/08-09/08		97.87	12.32	85.55	0.00	--	<0.5	<0.5	<0.5	--	<1.0
12/11/08		97.87	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--
03/30-31/09		97.87	12.04	85.83	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/10-11/09		97.87	12.80	85.07	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/15/10		97.87	12.23	85.64	0.00	--	<0.5	<0.5	<0.5	--	1.1
09/15/10		97.87	12.66	85.21	0.00	--	<0.5	<0.5	3.00	--	<1.0
03/14/11		97.87	12.19	85.68	0.00	--	--	--	--	--	--
11/16/11		30.31	13.14	17.17	0.00	--	<0.2	<0.2	<0.2	--	<1.0
06/21/12		30.31	11.45	18.86	0.00	--	--	--	--	--	--
06/21/12	(D)	30.31	11.45	18.86	0.00	--	--	--	--	--	--
09/20/12		30.31	12.97	17.34	0.00	--	--	--	--	--	--
09/21/12		30.31	12.97	17.34	0.00	--	<0.5	<0.5	<0.5	--	<0.030
12/26/12		30.31	13.07	17.24	0.00	--	<0.5	<0.5	<0.5	--	--
04/23/13		**30.31**	**11.70**	**18.61**	**0.00**	**--**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.030**
MW-9											
08/11/99		103.67	--	--	0.00	--	<20.0	<20.0	46.7	--	129
10/21/99		103.67	--	--	0.00	--	<0.800	<0.500	20.5	--	110[6]
05/24/01		103.67	14.07	89.64	0.05	--	--	--	--	--	--
06/21/01		103.67	13.78	89.92	0.04	--	--	--	--	--	--
06/27/01		103.67	13.79	89.88	0.00	--	<5.00	<5.00	52.6	--	109
03/18/02		103.67	13.51	90.71	0.69	--	--	--	--	--	--
10/16/02		103.67	--	--	0.54	--	--	--	--	--	--
11/11/02		103.67	--	--	0.90	--	--	--	--	--	--
12/31/02		103.67	--	--	0.91	--	--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						***43***	***48,500***	***6,910***	***--***	***9,880***
MW-9 (cont)										
02/27/03	103.67	--	--	0.02	--	--	--	--	--	--
03/26/03	103.67	--	--	0.09	--	--	--	--	--	--
04/28/03	103.67	13.25	90.48	0.07	--	--	--	--	--	--
05/30/03	103.67	13.52	90.22	0.09	--	--	--	--	--	--
06/26/03	103.67	13.90	89.80	0.04	--	--	--	--	--	--
07/21/03	103.67	--	--	0.21	--	--	--	--	--	--
08/28/03	103.67	--	--	0.23	--	--	--	--	--	--
10/16/03	103.67	15.98	88.15	0.57	--	--	--	--	--	--
11/21/03	103.67	--	--	0.01	--	--	--	--	--	--
12/17/03	103.67	--	--	0.00	--	--	--	--	--	--
01/29/04	103.67	14.16	89.53	0.03	--	--	--	--	--	--
02/18/04	103.67	11.11	92.70	0.17	--	--	--	--	--	--
03/25/04	103.67	13.66	90.01	0.00	--	6.71	2.56	39.5	--	168
03/30/04	103.67	13.80	89.96	0.11	--	--	--	--	--	--
09/22/04	103.67	9.52	94.17	0.03	--	--	--	--	--	--
03/15/05	103.67	14.81	89.09	0.29	--	--	--	--	--	--
09/28/05	103.67	15.31	88.56	0.25	--	--	--	--	--	--
03/29/06	103.67	13.26	90.62**	0.26	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/21/07	103.67	13.73	90.20**	0.32	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/25/08	103.67	13.93	89.74**	0.00	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
09/08-09/08[1]	103.67	14.23	89.45**	0.01	--	20	<10[2]	16	--	37
12/11/08[1]	103.67	15.16	88.55**	0.05	0.02[5]	SAMPLED SEMI-ANNUALLY			--	--
03/30-31/09[1]	103.67	14.06	89.61	0.00	--	<20[5]	<50[8]	35	62	50
06/15/09[1]	103.67	13.32	90.35	0.00	--	SAMPLED SEMI-ANNUALLY			--	--
09/10-11/09[1]	103.67	14.80	88.87	0.00	--	<10[8]	<10[5]	16	--	36
02/23/10[1]	103.67	13.10	90.81**	0.30	0.21[5]	--	--	--	--	--
03/15/10[1]	103.67	13.33	90.52**	0.23	0.18[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
9/15/10[1]	103.67	15.05	89.06**	0.55	0.20[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
12/4/10[1]	103.67	14.50	89.27**	0.13	0.20[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
3/14/2011[1]	103.67	12.71	90.96	0.00	--	--	--	--	--	--
9/24/2011[1]	36.46	14.62	21.84	0.00	--	--	--	--	--	--
12/08/2011[1]	36.46	12.87	23.59	0.00	--	--	--	--	--	--
03/23/12	36.46	10.55	26.07**	0.20	0.50	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
06/01/12	36.46	11.75	24.87**	0.20	1.00	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
09/20/12	36.46	14.47	22.41**	0.52	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
12/26/12	36.46	11.60	25.66**	1.00	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
04/22/13	**36.46**	**11.07**	**25.93****	**0.67**	**--**	**NOT SAMPLED DUE TO THE PRESENCE OF LNAPL**				
MW-10										
08/11/99	100.30	--	--	0.00	--	**226**	292	625	--	121
10/21/99	100.30	--	--	0.00	--	**431**	455	838	--	--
04/12/00	100.30	7.34	92.96	0.00	--	**662**	542	749	--	105
06/27/00	100.30	8.95	91.35	0.00	--	**325**	168	136	--	64.5
09/28/00	100.30	10.08	90.22	0.00	--	**437**	339	291	--	32.7
01/15/01	100.30	10.16	90.14	0.00	--	**352**	266	137	--	63.6

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							*43*	*48,500*	*6,910*	--	*9,880*
MW-10 (cont)											
01/15/01	(D)	100.30	10.16	90.14	0.00	--	**315**	234	117	--	33.9
05/24/01		100.30	9.14	91.16	0.00	--	--	--	--	--	--
06/21/01		100.30	7.97	92.33	0.00	--	--	--	--	--	--
06/27/01		100.30	9.07	91.23	0.00	--	**591**	328	295	--	79.5
06/27/01	(D)	100.30	9.07	91.23	0.00	--	**1,090**	765	936	--	262
03/18/02		100.30	7.09	93.21	0.00	--	**1,190**	1,010	976	--	130
07/02/02		100.30	8.37	91.93	0.00	--	**844**	742	871	--	--
09/28/02		100.30	10.08	90.22	0.00	--	--	--	--	--	--
12/31/02		100.30	--	--	0.96	--	--	--	--	--	--
02/27/03		100.30	--	--	0.17	--	--	--	--	--	--
03/29/06		100.30	8.35	92.53	0.72	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/21/07		100.30	7.95	92.72	0.46	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/25/08		100.30	8.68	91.62	0.005	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
09/08-09/08[1]		100.30	9.39	90.95**	0.05	0.20[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
12/11/08[1]		100.30	9.90	90.65**	0.31	1.00[5]	SAMPLED SEMI-ANNUALLY			--	--
03/30-31/09[1]		100.30	8.44	92.05**	0.24	1.11[5]	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
06/15/09[1]		100.30	8.31	92.16**	0.21	0.34[5]	SAMPLED SEMI-ANNUALLY			--	--
09/10-11/09[1]		100.30	10.14	90.18**	0.02	0.00	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
02/23/10[1]		100.30	7.14	93.17**	0.01	0.00	--	--	--	--	--
03/15/10[1]		100.30	7.24	93.06	0.00	0.00	**1,200**	250	980	--	110
9/15/10[1,13]		100.30	9.48	90.82	0.00	0.00	**970**	180	920	--	130
12/04/10		100.30	UNABLE TO LOCATE		--	--	--	--	--	--	--
MW-11											
08/11/99		100.59	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.01
10/22/99		100.59	--	--	0.00	--	<0.500	<0.500	<0.500	--	<0.0082
06/21/01		100.59	11.30	89.29	0.00	--	<1.00	<1.00	<1.00	--	<1.00
03/18/02		100.59	10.96	89.63	0.00	--	1.18	2.77	2.57	--	<1.00
09/16/03		100.59	13.03	87.56	0.00	--	<0.500	<0.500	<0.500	--	<1.00
12/15/03		100.59	13.92	86.67	0.00	--	<0.500	<0.500	<0.500	--	2.21
03/25/04		100.59	11.17	89.42	0.00	--	<0.500	<0.500	<0.500	--	<0.101
09/22/04		100.59	12.05	88.54	0.00	--	--	--	--	--	--
03/14/05		100.59	11.90	88.69	0.00	--	--	--	--	--	--
03/29/06		100.59	10.32	90.27	0.00	--	--	--	--	--	--
03/21/07		100.59	8.36	92.23	0.00	--	<0.500	<0.500	<0.500	--	<5.01
03/25/08		100.59	9.38	91.21	0.00	--	<0.5	<0.5	<0.5	--	0.060
03/25/08	(D)	100.59	9.38	91.21	0.00	--	<0.5	<0.5	<0.5	--	0.058

Table 1
Groundwater Monitoring and Analytical Results
Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							*43*	*48,500*	*6,910*	*--*	*9,880*
MW-11(cont)											
09/08-09/08		100.59	10.35	90.24	0.00	--	<0.5	<0.5	<0.5	--	<1.0
12/11/08		100.59	10.63	89.96	0.00	--	SAMPLED SEMI-ANNUALLY			--	--
03/30-31/09		100.59	9.60	90.99	0.00	--	<0.5	<0.5	<0.5	--	<1.0
06/15/09		100.59	INACCESSIBLE		--	--	--	--	--	--	--
09/10-11/09	NP[9]	100.61	8.07	92.54	0.00	--	<0.5	<0.5	<0.5	--	<1.0
02/23/10		100.61	8.60	92.01	0.00	--	--	--	--	--	--
03/15/10		100.61	8.75	91.86	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/15/10		100.61	10.27	90.34	0.00	--	<0.5	<0.5	<0.5	--	<1.0
12/04/10		100.61	10.37	90.24	0.00	--	--	--	--	--	--
03/14/11		100.61	9.33	91.28	0.00	--	--	--	--	--	--
MW-12											
08/11/99		100.11	--	--	0.00	--	**1590**	218	466	--	87.5
10/21/99		100.11	--	--	0.00	--	**491**	1200	230	--	6.8[6]
03/25/04		101.11	7.54	93.57	0.00	--	**510**	294	454	--	98.5
03/29/06		100.11	7.51	92.60	0.00	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/21/07		100.11	7.32	92.79	0.00	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/25/08		100.11	8.09	92.02	0.00	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
09/08-09/08		100.11	8.65	91.46	0.00	--	**530**	130	230	--	65
12/11/08[1]		100.11	8.62	91.50**	0.01	--	SAMPLED SEMI-ANNUALLY			--	--
03/30-31/09[1]		100.11	7.54	92.58**	0.01	--	**750**	640	270	--	170
06/15/09		100.11	7.92	92.19	0.00	--	--	--	--	--	--
09/10-11/09[1]		100.11	9.23	90.89**	0.01	--	**510**	140	180	--	44
02/23/10[1]		100.11	6.90	93.21	0.00	--	--	--	--	--	--
03/15/10[1]		100.11	7.23	92.88	0.00	--	**630**	260	250	--	110
09/15/10[1,13]		100.11	8.62	91.49	0.00	--	**490**	130	230	--	67
12/04/10		100.11	LOCATED BEHIND LOCKED GATE			--	--	--	--	--	--
MW-14											
07/26/01		98.87	13.05	85.82	0.00	--	<1.00	<1.00	<1.00	--	<1.00
03/29/06		98.87	13.32	85.55	0.00	--	--	--	--	--	--
03/21/07		98.87	13.33	85.54	0.00	--	--	--	--	--	--
03/25/08		98.87	13.38	85.49	0.00	--	--	--	--	--	--
09/08-09/08		98.87	13.50	85.37	0.00	--	--	--	--	--	--
12/11/08		98.87	MONITORED SEMI-ANNUALLY			--	--	--	--	--	--
03/30-31/09		98.87	13.10	85.77	0.00	--	--	--	--	--	--
09/10-11/09		98.87	14.00	84.87	0.00	--	--	--	--	--	--
03/15/10		98.87	13.49	85.38	0.00	--	--	--	--	--	--
09/15/10		98.87	UNABLE TO LOCATE - COVERED BY LANDSCAPING					--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							***43***	***48,500***	***6,910***	***--***	***9,880***
MW-15											
08/10/99		98.83	--	--	0.00	--	3.28	2.89	35.4	--	12.5
10/20/99		98.83	13.96	84.87	0.00	--	6.92	57.1	47.7	--	1.4[6]
07/26/01		98.83	13.04	85.79	0.00	--	13.8	9.00	18.1	--	10.30
03/18/02		98.83	13.62	85.21	0.00	--	<1.00	1.49	2.46	--	<1.01
06/26/03		98.83	13.05	85.78	0.00	--	0.719	<0.500	0.612	--	--
09/16/03		98.83	14.35	84.48	0.00	--	2.85	30.6	39.6	--	42.2
03/29/06		98.83	13.00	85.83	0.00	--	--	--	--	--	--
03/21/07		98.83	13.33	85.50	0.00	--	--	--	--	--	--
03/25/08		98.83	13.36	85.47	0.00	--	--	--	--	--	--
09/08-09/08		98.83	13.46	85.37	0.00	--	--	--	--	--	--
12/11/08		98.83	MONITORED SEMI-ANNUALLY			--	--	--	--	--	--
03/30-31/09		98.83	13.12	85.71	0.00	--	--	--	--	--	--
09/10-11/09		98.83	13.97	84.86	0.00	--	--	--	--	--	--
03/15/10		98.83	15.50	83.33	0.00	--	--	--	--	--	--
09/15/10		98.83	15.87	82.96	0.00	MONITORING ONLY			--	--	--
03/14/11		98.83	14.99	83.84	0.00	--	--	--	--	--	--
MW-19											
08/11/99		98.10	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/20/99		98.10	--	--	0.00	--	<0.500	<0.500	<0.500	--	<0.021
06/21/01		98.10	11.99	86.11	0.00	--	<1.00	<1.00	<1.00	--	<1.00
06/26/03		98.10	12.02	86.08	0.00	--	<0.500	<0.500	<0.500	--	<0.100
09/16/03		98.10	13.67	84.43	0.00	--	<0.500	<0.500	<0.500	--	<1.00
12/15/03		98.10	13.60	84.50	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/26/04		98.10	12.74	85.36	0.00	--	<0.500	<0.500	<0.500	--	0.197
03/26/04	(D)	98.10	12.74	85.36	0.00	--	<0.500	<0.500	<0.500	--	0.112
09/23/04		98.10	12.82	85.28	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/14/05		98.10	13.16	84.94	0.00	--	<0.500	<0.500	<0.500	--	<0.100
03/14/05	(D)	98.10	13.16	84.94	0.00	--	<0.500	<0.500	<0.500	--	<0.100
03/29/06		98.10	12.63	85.47	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/29/06	(D)	98.10	12.63	85.47	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/21/07		98.10	12.71	85.39	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/21/07	(D)	98.10	12.71	85.39	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08		98.10	12.70	85.40	0.00	--	<0.5	<0.5	<0.5	--	0.026
03/25/08	(D)	98.10	12.70	85.40	0.00	--	<0.5	<0.5	<0.5	--	0.023
09/08-09/08		98.10	12.81	85.29	0.00	--	<0.5	<0.5	<0.5	--	<5.03
12/11/08		98.10	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							*43*	*48,500*	*6,910*	--	*9,880*
MW-19 (cont)											
03/30-31/09		98.10	12.57	85.53	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/10-11/09		98.10	13.30	84.80	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/15/10		98.10	12.85	85.25	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/15/10		98.10	13.18	84.92	0.00	--	<0.5	<0.5	<0.5	--	<1.0
11/16/11		30.87	13.62	17.25	0.00	--	<0.2	<0.2	<0.2	--	<1.0
06/21/12		30.87	11.93	18.94	0.00	--	--	--	--	--	--
09/20/12		30.87	13.50	17.37	0.00	--	<0.5	<0.5	<0.5	--	0.083
12/26/12		30.87	13.55	17.32	0.00	--	<0.5	<0.5	<0.5	--	--
04/24/13		**30.87**	**12.18**	**18.69**	**0.00**	--	**<0.5**	**<0.5**	**<0.5**	--	**<0.030**
MW-20											
08/11/99		98.74	--	--	0.00	--	57.7	2.19	148	--	82.1
10/20/99		98.74	13.99	84.75	0.00	--	71.8	5.69	184	--	25[6]
09/28/00		98.74	13.41	85.33	0.00	--	--	--	--	--	--
06/21/01		98.74	12.61	86.13	0.00	--	1.66	<1.00	2.68	--	<1.00
03/19/02		98.74	13.69	85.05	0.00	--	<1.00	<1.00	3.48	--	1.77
03/19/02	(D)	98.74	13.69	85.05	0.00	--	<1.00	<1.00	3.3	--	2.21
06/26/03		98.74	12.92	85.82	0.00	--	26.5	2.28	61.0	--	20.9[6]
09/16/03		98.74	14.29	84.45	0.00	--	28.9	3.04	35.7	--	12.5
12/15/03		98.74	14.34	84.40	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/26/04		98.74	13.36	85.38	0.00	--	0.877	<0.500	0.731	--	<0.100
03/14/05		98.74	13.80	84.94	0.00	--	--	--	--	--	--
03/29/06		98.74	13.26	85.48	0.00	--	--	--	--	--	--
03/21/07		98.74	13.33	85.41	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08		98.74	13.33	85.41	0.00	--	0.5	<0.5	<0.5	--	0.019
09/08-09/08		98.74	13.42	85.32	0.00	--	7.0	1.7	1.2	--	<5.0[4]
12/11/08		98.74	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--
03/30-31/09		98.74	INACCESSIBLE		--	--	--	--	--	--	--
09/10-11/09		98.74	13.92	84.82	0.00	--	1.4	0.8	1.1	--	<5.0[10]
03/15/10		98.74	13.46	85.28	0.00	--	<0.5	<0.5	<0.5	--	2.1
09/15/10		98.74	13.79	84.95	0.00	--	1.60	1.00	1.20	--	4.5
11/16/11	(D)	31.49	14.22	17.27	0.00	--	1.50	0.90	0.80	--	8.40
06/21/12		31.49	12.53	18.96	0.00	--,					
09/20/12		31.49	14.11	17.38	0.00	--	3.20	1.30	1.40	--	0.47
12/26/12		31.49	14.20	17.29	0.00	--	<0.5	<0.5	<0.5	--	--
04/23/13		**31.49**	**12.80**	**18.69**	**0.00**	--	**<0.5**	**<0.5**	**<0.5**	--	**0.04**
MW-21											
08/10/99		98.52	--	--	0.00	--	12.1	1.93	<1.00	--	<1.00
10/19/99		98.52	--	--	0.00	--	9.69	1.49	<0.750	--	--
06/21/01		98.52	12.31	86.21	0.00	--	2.46	<1.00	<1.00	--	<1.00
06/21/01	(D)	98.52	12.31	86.21	0.00	--	2.70	<1.00	<1.00	--	1.76
03/18/02		98.52	13.36	85.16	0.00	--	10.5	1.25	<1.00	--	4.09
06/26/03		98.52	12.66	85.86	0.00	--	5.82	0.687	0.850	--	1.37
09/16/03		98.52	13.98	84.54	0.00	--	5.43	0.86	<0.500	--	7.01
12/15/03		98.52	14.05	84.47	0.00	--	4.95	0.88	<0.500	--	12.4

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft)	DTW (ft)	GWE (ft)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							***43***	***48,500***	***6,910***	**–**	***9,880***
MW-21 (cont)											
03/26/04		98.52	13.08	85.44	0.00	--	5.28	0.854	<0.500	--	10.1
09/23/04		98.52	13.19	85.33	0.00	--	5.45	0.806	<0.500	--	<5
03/14/05		98.52	13.51	85.01	0.00	--	4.55	0.693	<0.500	--	3.57
03/29/06		98.52	12.98	85.54	0.00	--	4.19	0.800	<0.500	--	4.01
03/21/07		98.52	13.00	85.52	0.00	--	4.31	0.860	<0.500	--	6.06
03/25/08		98.52	13.02	85.50	0.00	--	4.4	0.6	<0.5	--	12
09/08-09/08		98.52	13.14	85.38	0.00	--	6.0	0.6	<0.5	--	18
12/11/08		98.52	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--
03/30-31/09		98.52	12.86	85.66	0.00	--	6.0	0.8	0.6	--	15
09/10-11/09		98.52	13.63	84.89	0.00	--	5.1	0.7	<0.5	--	<15[10]
03/15/10		98.52	13.15	85.37	0.00	--	3.6	0.6	<0.5	--	<20[10]
09/15/10		98.52	13.51	85.01	0.00	--	2.50	0.50	<0.5	--	11.00
03/14/11		98.52	13.05	85.47	0.00	--	--	--	--	--	--
09/24/11		31.26	13.51	17.75	0.00	--	<0.2	<0.2	<0.2	--	<1.0
10/10/11		31.26	13.83	17.43	0.00	--	--	--	--	--	--
06/21/12		31.26	12.24	19.02	0.00	--	--	--	--	--	--
09/20/12		31.26	13.82	17.44	0.00	--	<7.0	0.7	<0.5	--	0.84
12/26/12	(D)	31.26	13.86	17.40	0.00	--	2.7	0.6	0.5	--	--
12/26/12		31.26	13.86	17.40	0.00	--	2.7	0.6	0.6	--	--
04/23/13		**31.26**	**12.47**	**18.79**	**0.00**	**--**	**11.0**	**0.8**	**0.9**	**--**	**1.3**
MW-22											
08/10/99		99.76	--	--	0.00	--	**1,140**	44.9	93.5	--	7.56
10/22/99		99.76	--	--	0.00	--	**1,680**	109	191	--	--
01/06/00		99.76	--	--	0.00	--	**1,410**	46.8	105	--	--
01/15/01		99.76	--	--	0.00	--	**2,040**	161	254	--	19.2
06/21/01		99.76	13.53	86.23	0.00	--	**1,710**	64.8	144	--	<50.0
03/18/02		99.76	14.41	85.35	0.00	--	**1,920**	85.5	242	--	21.3
07/02/02		99.76	13.56	86.20	0.00	--	**2,000**	84.9	288	--	--
09/03/02		99.76	14.95	84.81	0.00	--	**2,020**	66.8	312	--	--
12/31/02		99.76	15.22	84.54	0.00	--	**2,360**	159	385	--	--
06/25/03		99.76	13.91	85.85	0.00	--	**1,950**	84.4	273	--	--
09/16/03		99.76	15.15	84.61	0.00	--	**2,590**	189	425	--	<50.0
12/17/03		99.76	15.03	84.73	0.00	--	**1,250**	52.9	188	--	15.8
12/17/03	(D)	99.76	15.03	84.73	0.00	--	**1,920**	59	207	--	18.5
03/25/04		99.76	14.20	85.56	0.00	--	**1,630**	35.4	208	--	14.9
09/22/04		99.76	14.28	85.48	0.00	--	--	--	--	--	--
03/14/05		99.76	14.70	85.06	0.00	--	--	--	--	--	--
03/29/06		99.76	14.21	85.55	0.00	--	--	--	--	--	--
03/21/07		99.76	14.31	85.45	0.00	--	**840**	54.5	117	--	20.8
03/25/08		99.76	14.35	85.41	0.00	--	**730**	31	90	--	5.5
09/08-09/08		99.76	14.47	85.29	0.00	--	**880**	46	130	--	14
12/11/08		99.76	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						***43***	***48,500***	***6,910***	**--**	***9,880***
MW-22 (cont)										
03/30-31/09	99.76	14.09	85.67	0.00	--	**830**	37	98	--	7.3
09/10-11/09	99.76	15.02	84.74	0.00	--	**1,100**	42	130	--	10
03/15/10	99.76	14.46	85.30	0.00	--	**720**	25	70	--	5.0
09/15/10	99.76	14.82	84.94	0.00	--	**820**	50	100	--	6.9
03/14/11	99.76	14.25	85.51	0.00	--	--	--	--	--	--
MW-24										
03/21/07	--	23.01	--	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08	--	23.35	--	0.00	--	--	--	--	--	--
09/08-09/08	--	23.84	--	0.00	--	--	--	--	--	--
12/11/08	--	MONITORED SEMI-ANNUALLY			--	--	--	--	--	--
03/30-31/09	--	23.60	--	0.00	--	--	--	--	--	--
09/10-11/09	--	24.13	--	0.00	--	--	--	--	--	--
03/15/10	--	22.76	--	0.00	--	--	--	--	--	--
09/15/10	--	23.71	--	0.00	--	--	--	--	--	--
03/14/11	--	22.39	--	0.00	--	--	--	--	--	--
12/26/12	69.77	22.42	47.35	0.00	--	--	--	--	--	--
MW-25										
08/09/99	98.17	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/19/99	98.17	14.37	83.80	0.00	--	<0.500	<0.500	<0.500	--	<0.023
01/06/00	98.17	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
07/27/00	98.17	12.41	85.76	0.00	--	<1.00	<1.00	<1.00	--	<1.00
09/29/00	98.17	13.16	85.01	0.00	--	--	--	--	--	--
09/29/00	98.17	13.16	85.01	0.00	--	--	--	--	--	--
07/26/01	98.17	12.65	85.52	0.00	--	<1.00	<1.00	<1.00	--	<1.00
03/19/02	98.17	13.12	85.05	0.00	--	2.06	<1.00	<1.00	--	<1.00
07/02/02	98.17	12.04	86.13	0.00	--	28.4	11.5	2.85	--	--
09/03/02	98.17	13.61	84.56	0.00	--	**68.0**	0.810	<0.500	--	--
10/11/02	98.17	--	98.17	0.00	--	**61**	<0.500	<0.500	--	--
12/31/02	98.17	13.97	84.20	0.00	--	0.557	<0.500	<0.500	--	--
03/26/03	98.17	13.34	84.83	0.00	--	3.20	0.617	<0.500	--	--
04/28/03	98.17	12.13	86.04	0.00	--	15.5	1.64	1.56	--	--
05/30/03	98.17	12.1	86.07	0.00	--	21.8	0.872	2.69	--	--
06/25/03	98.17	12.49	85.68	0.00	--	9.06	0.545	1.33	--	<0.100
09/15/03	98.17	13.78	84.39	0.00	--	<0.500	<0.500	<0.500	--	<1.00
12/15/03	98.17	13.88	84.29	0.00	--	<0.500	<0.500	<0.500	--	1.76
03/25/04	98.17	12.80	85.37	0.00	--	<0.500	<0.500	<0.500	--	<0.100
09/22/04	98.17	12.94	85.23	0.00	--	<0.500	<0.500	<0.500	--	<0.100

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						***43***	***48,500***	***6,910***	**--**	***9,880***
MW-25 (cont)										
03/14/05	98.17	13.25	84.92	0.00	--	<0.500	<0.500	<0.500	--	<0.100
03/29/06	98.17	12.72	85.45	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/21/07	98.17	12.51	85.66	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08	98.17	12.78	85.39	0.00	--	<0.5	<0.5	<0.5	--	0.013
09/08-09/08	98.17	12.89	85.28	0.00	--	<0.5	<0.5	<0.5	--	<1.0
12/11/08	98.17	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--
03/30-31/09	98.17	12.60	85.57	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/10-11/09	98.17	13.41	84.76	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/15/10	98.17	12.95	85.22	0.00	--	<0.5	<0.5	<0.5	--	1.6
09/15/10	98.17	13.25	84.92	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/14/11	98.17	12.88	85.29	0.00	--	--	--	--	--	--
09/25/11	30.91	13.50	17.41	0.00	--	<0.2	<0.2	<0.2	--	<1.0
10/10/11	30.91	13.30	17.61	0.00	--	--	--	--	--	--
06/21/12	30.91	12.01	18.90	0.00	--	--	--	--	--	--
09/20/12	30.91	13.56	17.35	0.00	--	<0.5	<0.5	<0.5	--	0.054
12/26/12	30.91	13.76	17.15	0.00	--	<0.5	<0.5	<0.5	--	--
04/22/13	**30.91**	**12.30**	**18.61**	**0.00**	**--**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.031**
MW-26										
08/09/99	97.87	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/19/99	97.87	--	--	0.00	--	<0.500	<0.500	<0.500	--	<0.0099
01/06/00	97.87	13.78	84.09	0.00	--	0.621	<0.500	<0.500	--	--
04/12/00	97.87	12.12	85.75	0.00	--	<1.00	<1.00	<1.00	--	<1.00
06/27/00	97.87	12.55	85.32	0.00	--	<1.00	<1.00	<1.00	--	<1.00
07/26/01	97.87	12.15	85.72	0.00	--	<1.00	<1.00	<1.00	--	<1.00
03/19/02	97.87	12.79	85.08	0.00	--	<1.00	<1.00	<1.00	--	<1.00
12/31/02	97.87	13.97	83.90	0.00	--	<0.500	<0.500	<0.500	--	--
02/27/03	97.87	12.88	84.99	0.00	--	<0.500	<0.500	<0.500	--	--
03/26/03	97.87	13.12	84.75	0.00	--	<0.500	<0.500	<0.500	--	--
04/28/03	97.87	11.78	86.09	0.00	--	<0.500	<0.500	<0.500	--	--
05/30/03	97.87	11.73	86.14	0.00	--	<0.500	<0.500	<0.500	--	--
06/25/03	97.87	12.09	85.78	0.00	--	<0.500	<0.500	<0.500	--	<0.100
09/15/03	97.87	13.49	84.38	0.00	--	<0.500	<0.500	<0.500	--	<1.00
12/15/03	97.87	13.48	84.39	0.00	--	<0.500	<0.500	<0.500	--	<1.00
09/22/04	97.87	12.55	85.32	0.00	--	<0.500	<0.500	<0.500	--	<0.100
03/14/05	97.87	12.94	84.93	0.00	--	<0.500	<0.500	<0.500	--	<0.100
03/29/06	97.87	12.37	85.50	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/21/07	97.87	UNABLE TO LOCATE		--	--	--	--	--	--	--
03/25/08	97.87	12.46	85.41	0.00	--	<0.5	<0.5	<0.5	--	0.011
09/08-09/08	97.87	12.59	85.28	0.00	--	<0.5	<0.5	<0.5	--	<1.0
12/11/08	97.87	MONITORED/SAMPLED SEMI-ANNUALLY				--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							***43***	***48,500***	***6,910***	***--***	***9,880***
MW-26 (cont)											
03/30-31/09		97.87	12.25	85.62	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/10-11/09		97.87	13.01	84.86	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/15/10		97.87	12.60	85.27	0.00	--	<0.5	<0.5	<0.5	--	1.2
09/15/10		97.87	12.94	84.93	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/14/11		97.87	12.25	85.62	0.00	--	--	--	--	--	--
09/24/11		30.62	13.20	17.42	0.00	--	<0.2	<0.2	<0.2	--	<1.0
10/10/11		30.62	13.00	17.62	0.00	--	--	--	--	--	--
06/21/12		30.62	11.68	18.94	0.00	--	--	--	--	--	--
09/20/12		30.62	13.25	17.37	0.00	--	--	--	--	--	--
09/21/12		30.62	13.28	17.34	0.00	--	<0.5	<0.5	<0.5	--	<0.030
09/21/12	(D)	30.62	13.28	17.34	0.00	--	<0.5	<0.5	<0.5	--	<0.030
12/26/12		30.62	13.24	17.38	0.00	--	<0.5	<0.5	<0.5	--	--
04/22/13		**30.62**	**11.90**	**18.72**	**0.00**	**--**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.031**
MW-27											
09/13/99		101.17	--	--	--	--	10.8	<0.500	<1.00	--	<0.100
10/22/99		101.17	--	--	--	--	4.44	<0.500	<0.500	--	5.8[6]
01/06/00		101.17	--	--	--	--	10.5	<2.50	<2.50	--	--
05/24/01		101.17	11.11	90.64	0.73	--	--	--	--	--	--
06/27/01		101.17	10.07	91.72	0.72	--	--	--	--	--	--
03/18/02		101.17	9.07	92.16	0.07	--	--	--	--	--	--
10/16/02		101.17	--	--	0.05	--	--	--	--	--	--
12/31/02		101.17	--	--	0.02	--	--	--	--	--	--
06/26/03		101.17	11.08	90.29	0.25	--	--	--	--	--	--
07/21/03		101.17	--	--	0.46	--	--	--	--	--	--
08/28/03		101.17	--	--	0.21	--	--	--	--	--	--
10/16/03		101.17	5.97	95.20	0.00	--	--	--	--	--	--
11/21/03		101.17	--	--	0.00	--	--	--	--	--	--
12/17/03		101.17	--	--	0.00	--	--	--	--	--	--
03/29/06		101.17	9.14	92.03	0.00	--	--	--	--	--	--
03/21/07		101.17	7.91	93.27	0.01	--	--	--	--	--	--
03/25/08		101.17	10.57	90.60	0.00	--	--	--	--	--	--
09/08-09/08[1]		101.17	10.83	90.48**	0.17	0.28[5]	--	--	--	--	--
12/11/08[1]		101.17	11.19	89.99**	0.01	--	--	--	--	--	--
03/30-31/09[1]		101.17	9.92	91.26**	0.01	--	--	--	--	--	--
06/15/09		101.17	9.67	91.51**	0.01	--	--	--	--	--	--
09/10-11/09[1]		101.17	11.27	90.04**	0.17	0.35[5]	--	--	--	--	--
02/23/10[1]		101.17	9.37	91.80	0.00	--	--	--	--	--	--
03/15/10[1]		101.17	9.48	91.70**	0.01	--	--	--	--	--	--
09/15/10[1]		101.17	11.21	90.13**	0.21	0.053[5]	--	--	--	--	--
12/04/10		101.17	10.56	90.67**	0.08	0.050[5]	--	--	--	--	--
3/14/2011[1]		101.17	27.77	73.40	0.07	0.050[5]	--	--	--	--	--
11/16/11		34.01	11.27	22.74	0.00	--	--	--	--	--	--
12/08/11		34.01	9.78	24.30	0.09	0.050[5]	--	--	--	--	--
03/23/12		34.01	8.18	25.85	0.03	1.0	--	--	--	--	--
06/01/12		34.01	8.45	25.72**	0.20	1.0	--	--	--	--	--
09/20/12		34.01	11.30	22.89**	0.23	--	--	--	--	--	--
12/26/12		34.01	6.44	27.59**	0.03	--	--	--	--	--	--
04/22/13		**34.01**	**7.34**	**26.68****	**0.01**	**--**	**--**	**--**	**--**	**--**	**--**

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						***43***	***48,500***	***6,910***	***--***	***9,880***
MW-28										
08/11/99	100.35	--	--	0.00	--	**1,810**	1,450	884	--	238
10/21/99	100.35	--	--	0.00	--	**2,890**	2,700	1,350	--	180[6]
10/21/99	100.35	--	--	0.00	--	**2,700**	2,480	1,280	--	--
01/06/00	100.35	6.93	93.42	0.00	--	**1,770**	2,090	1,180	--	--
07/27/00	100.35	7.45	92.90	0.00	--	**1,840**	2,420	702	--	356
09/29/00	100.35	8.5	91.85	0.00	--	**927**	902	450	--	--
01/15/01	100.35	8.59	91.76	0.00	--	**1,970**	2,070	635	--	98.8
06/21/01	100.35	7.66	92.69	0.00	--	**1,950**	3,130	1,190	--	272
03/18/02	100.35	6.02	94.33	0.00	--	--	--	--	--	--
06/26/03	100.35	7.57	92.78	0.00	--	**1,230**	615	1,290	--	--
09/15/03	100.35	8.96	91.39	0.00	--	**848**	175	916	--	272
12/15/03	100.35	7.56	92.79	0.00	--	**881**	474	1,010	--	284
03/25/04	100.35	7.07	93.28	0.00	--	**712**	281	854	--	288
09/22/04	100.35	8.16	92.19	0.00	--	--	--	--	--	--
03/14/05	100.35	8.45	91.90	0.00	--	--	--	--	--	--
03/29/06	100.35	6.64	93.71	0.00	--	--	--	--	--	--
03/21/07	100.35	6.86	93.49	0.38	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
03/25/08	100.35	7.25	93.24	0.17	--	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--
09/08-09/08[1]	100.35	8.04	92.34**	0.04	0.16[5]	--	--	--	--	--
12/11/08[1]	100.35	8.15	92.21**	0.01	--	--	--	--	--	--
03/30-31/09[1]	100.35	6.84	93.52**	0.01	--	--	--	--	--	--
06/15/09[1]	100.35	7.21	93.15**	0.01	--	--	--	--	--	--
09/10-11/09[1]	100.35	8.16	92.21**	0.03	--	--	--	--	--	--
02/23/10[1]	100.35	6.39	93.97**	0.01	--	--	--	--	--	--
03/15/10[1]	100.35	6.05	94.30	0.00	--	--	--	--	--	--
9/15/10[1]	100.35	7.76	92.60**	0.01	--	--	--	--	--	--
12/04/10	100.35	LOCATED BEHIND LOCKED GATE			--	--	--	--	--	--
3/14/2011[1]	100.35	5.3	95.05	--	--	--	--	--	--	--
AGI-2										
08/10/99	97.95	--	--	0.00	--	38.8	11.7	1.57	--	<1.00
10/20/99	97.95	--	--	0.00	--	20.3	12.1	5.14	--	0.097
01/15/01	97.95	13.61	84.34	0.00	--	41.2	17.8	7.44	--	--
06/21/01	97.95	11.83	86.12	0.00	--	**296**	<10.0	<10.0	--	<10.0
07/26/01	97.95	12.19	85.76	0.00	--	**397.0**	14.9	16.9	--	<1.00
03/18/02	97.95	12.91	85.04	0.00	--	**43.2**	78.9	17.6	--	1.68
03/18/02	97.95	12.91	85.04	0.00	--	40.5	72.8	16.4	--	<2.00
05/07/02	97.95	11.95	86.00	0.00	--	6.16	2.24	2.76	--	--
06/06/02	97.95	12.51	85.44	0.00	--	4.58	1.52	2.04	--	--
07/02/02	97.95	11.9	86.05	0.00	--	3.60	2.52	2.00	--	--
09/03/02	97.95	13.65	84.30	0.00	--	3.48	2.59	3.16	--	--

Table 1
Groundwater Monitoring and Analytical Results
Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removec (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							***43***	***48,500***	***6,910***	***--***	***9,880***
AGI-2 (cont)											
12/31/02		97.95	13.75	84.20	0.00	--	1.10	1.36	1.34	--	--
03/26/03		97.95	12.62	85.33	0.00	--	40.3	481	302	--	--
04/28/03		97.95	12.98	84.97	0.00	--	27.7	351	190	--	--
05/30/03		97.95	12.19	85.76	0.00	--	19.4	358	200	--	--
06/25/03		97.95	12.66	85.29	0.00	--	3.34	1.23	7.70	--	<0.100
09/15/03		97.95	13.51	84.44	0.00	--	1.01	0.832	1.40	--	<1.00
12/15/03		97.95	13.59	84.36	0.00	--	0.688	0.599	0.851	--	<1.00
03/26/04		97.95	12.33	85.62	0.00	--	2.06	1.12	1.56	--	<1.00
09/22/04		97.95	12.67	85.28	0.00	--	--	--	--	--	--
03/14/05		97.95	12.99	84.96	0.00	--	--	--	--	--	--
03/29/06		97.95	12.45	85.50	0.00	--	--	--	--	--	--
03/21/07		97.95	12.30	85.65	0.00	--	0.78	<0.500	0.58	--	<5.00
03/25/08		97.95	12.53	85.42	0.00	--	--	--	--	--	--
09/08-09/08		97.95	12.63	85.32	0.00	--	--	--	--	--	--
12/11/08		97.95	MONITORED SEMI-ANNUALLY			--	--	--	--	--	--
03/30-31/09		97.95	12.33	85.62	0.00	--	--	--	--	--	--
09/10-11/09		97.95	13.11	84.84	0.00	--	11.	3.5	5.8	--	2.1
03/15/10		97.95	15.92	82.03	0.00	--	3.5	0.9	2.0	--	4.9
09/15/10		97.95	12.99	84.96	0.00	--	19.0	6.5	15.0	--	2.4
03/14/11		97.95	12.58	85.37	--	--	--	--	--	--	--
06/21/12		30.68	11.69	18.99	0.00	--	--	--	--	--	--
09/20/12		30.68	13.31	17.37	0.00	--	61.0	12.0	6.2	--	0.86
12/26/12		30.68	13.41	17.27	0.00	--	11	3.6	1.4	--	--
04/23/13		**30.68**	**11.96**	**18.72**	**0.00**	**--**	**5.1**	**1.1**	**5.9**	**--**	**0.63**
04/23/13	**(D)**	**30.68**	**11.96**	**18.72**	**1.00**	**--**	**4.2**	**1.4**	**3.9**	**--**	**0.60**
MLU-1											
08/10/99		100.18	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/20/99		100.18	15.33	84.85	0.00	--	<0.500	<0.500	<0.500	--	0.023
01/06/00		100.18	15.75	84.43	0.00	--	<0.500	<0.500	<0.500	--	--
04/12/00		100.18	14.35	85.83	0.00	--	<1.00	<1.00	<1.00	--	<1.00
06/27/00		100.18	14.24	85.94	0.00	--	<1.00	<1.00	<1.00	--	<1.00
09/29/00		100.18	15.12	85.06	0.00	--	--	--	--	--	--
06/25/03		100.18	14.41	85.77	0.00	--	<0.500	<0.500	<0.500	--	<0.100
09/15/03		100.18	15.72	84.46	0.00	--	0.6280	<0.500	<0.500	--	<1.00
12/15/03		100.18	15.70	84.48	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/25/04		100.18	14.75	85.43	0.00	--	<0.500	<0.500	<0.500	--	<0.100
09/22/04		100.18	14.88	85.30	0.00	--	--	--	--	--	--
03/14/05		100.18	15.21	84.97	0.00	--	--	--	--	--	--
03/29/06		100.18	14.65	85.53	0.00	--	--	--	--	--	--
03/21/07		100.18	14.64	85.54	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08		100.18	14.70	85.48	0.00	--	--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						***43***	***48,500***	***6,910***	***--***	***9,880***
MLU-1 (cont)										
09/08-09/08	100.18	UNABLE TO LOCATE		--	--	--	--	--	--	--
12/11/08	100.18	MONITORED SEMI-ANNUALLY			--	--	--	--	--	--
03/30-31/09	100.18	UNABLE TO LOCATE		--	--	--	--	--	--	--
09/10-11/09	100.18	15.32	84.86	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/15/10	100.18	14.82	85.36	0.00	--	<0.5	<0.5	<0.5	--	1.7
09/15/10	100.18	15.21	84.97	0.00	--	<0.5	<0.5	<0.5	--	<1.0
03/14/11	100.18	14.19	85.99	0.00	--	--	--	--	--	--
06/21/12	32.90	13.96	18.94	0.00	--	--	--	--	--	--
09/20/12	32.90	15.51	17.39	0.00	--	--	--	--	--	--
09/21/12	32.90	15.51	17.39	0.00	--	<0.5	<0.5	<0.5	--	<0.031
12/26/12	32.90	15.31	17.59	0.00	--	<0.5	<0.5	<0.5	--	--
04/22/13	**32.90**	**14.14**	**18.76**	**0.00**	**--**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.030**
SMPN-1										
03/15/05	--	11.23	--	0.00	--	--	--	--	--	--
10/04/05	--	11.96	--	0.24	--	--	--	--	--	--
03/29/06	--	9.84	--	0.00	--	--	--	--	--	--
03/21/07	--	9.89	--	0.00	--	--	--	--	--	--
03/25/08	--	10.36	--	0.00	--	--	--	--	--	--
09/08-09/08[1]	100.99	10.68	90.32**	0.01	--	--	--	--	--	--
12/11/08[1]	100.99	11.30	89.69	0.00	--	--	--	--	--	--
03/30-31/09[1]	100.99	10.31	90.69**	0.01	--	--	--	--	--	--
06/15/09[1]	100.99	9.73	91.27**	0.01	--	--	--	--	--	--
09/10-11/09[1]	100.99	11.13	89.86	0.00	--	--	--	--	--	--
02/23/10[1]	100.99	9.86	91.13	0.00	--	--	--	--	--	--
03/15/10[1]	100.99	9.83	91.17**	0.01	--	--	--	--	--	--
09/15/10[1]	100.99	11.13	89.87**	0.01	--	--	--	--	--	--
12/4/10[1]	100.99	10.53	90.46	0.00	--	--	--	--	--	--
11/16/11	33.78	11.27	22.51	0.00	--	--	--	--	--	--
12/08/11	33.78	9.79	24.00**	0.01	0.050[5]	--	--	--	--	--
03/23/12	33.78	8.27	25.53**	0.02	0.50	--	--	--	--	--
06/01/12	33.78	8.85	24.93	0.00	--	--	--	--	--	--
09/20/12	33.78	11.14	22.78**	0.18	--	--	--	--	--	--
12/26/12	33.78	8.50	25.28	0.00	--	--	--	--	--	--
04/22/13	**33.78**	**8.75**	**25.03**	**0.00**	**--**	**--**	**--**	**--**	**--**	**--**
SMPN-2										
03/15/05	--	11.21	--	0.01	--	--	--	--	--	--
03/29/06	--	9.48	--	0.00	--	--	--	--	--	--
03/21/07	--	9.20	--	0.05	--	--	--	--	--	--
03/25/08	--	10.11	--	0.00	--	--	--	--	--	--
09/08-09/08[1]	101.24	10.51	90.74**	0.01	--	--	--	--	--	--
12/11/08	101.24	11.06	90.19**	0.01	--	--	--	--	--	--
03/30-31/09	101.24	10.12	91.13**	0.01	--	--	--	--	--	--
06/15/09	101.24	9.51	91.74**	0.01	--	--	--	--	--	--
09/10-11/09	101.24	10.99	90.26**	0.01	--	--	--	--	--	--
02/23/10	101.24	9.23	92.01	0.00	--	--	--	--	--	--
03/15/10	101.24	9.37	91.88**	0.01	--	--	--	--	--	--
09/15/10	101.24	11.07	90.31**	0.18	--	--	--	--	--	--
12/04/10	101.24	10.35	90.95**	0.07	--	--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							*43*	*48,500*	*6,910*	*--*	*9,880*
SMPN-2(cont)											
03/14/11		101.24	8.93	92.31	0.00	--	--	--	--	--	--
11/16/11		33.85	9.97	23.89	0.01	0.050[5]	--	--	--	--	--
12/08/11		33.85	9.61	24.24	0.00	--	--	--	--	--	--
03/23/12		33.85	8.12	25.75**	0.02	0.50	--	--	--	--	--
06/01/12		33.85	8.40	25.53**	0.10	1.00	--	--	--	--	--
09/20/12		33.85	11.11	22.87**	0.16	--	--	--	--	--	--
12/26/12		33.85	8.51	25.34	0.00	--	--	--	--	--	--
04/22/13		**33.85**	**7.88**	**25.97**	**0.00**	--	--	--	--	--	--
SMPN-3											
03/15/05		--	11.46	--	0.00	--	--	--	--	--	--
03/29/06		--	9.56	--	0.00	--	--	--	--	--	--
03/21/07		--	9.03	--	0.00	--	--	--	--	--	--
03/25/08		--	10.30	--	0.00	--	--	--	--	--	--
09/08-09/08[1]		101.02	10.67	90.36**	0.01	--	--	--	--	--	--
12/11/08		101.02	11.26	89.76	0.00	--	--	--	--	--	--
03/30-31/09		101.02	10.28	90.75**	0.01	--	--	--	--	--	--
06/15/09		101.02	9.59	91.43	0.00	--	--	--	--	--	--
09/10-11/09		101.02	11.09	89.94**	0.01	--	--	--	--	--	--
02/23/10		101.02	9.44	91.58	0.00	--	--	--	--	--	--
03/15/10		101.02	9.51	91.52**	0.01	--	--	--	--	--	--
09/15/10		101.02	11.14	89.88	0.00	--	--	--	--	--	--
12/04/10		101.02	10.49	90.53	0.00	--	--	--	--	--	--
03/14/11		101.02	9.12	91.90	0.00	--	--	--	--	--	--
11/16/11		33.81	11.06	22.85	0.12	0.050[5]	--	--	--	--	--
12/08/11		33.81	9.73	24.08	0.00	--	--	--	--	--	--
03/23/12		33.81	8.30	25.51	0.00	--	--	--	--	--	--
06/01/12		33.81	8.05	25.76	0.00	--	--	--	--	--	--
09/20/12		33.81	11.22	22.59	0.00	--	--	--	--	--	--
12/26/12		33.81	8.89	24.92	0.00	--	--	--	--	--	--
04/22/13		**33.81**	**8.30**	**25.51**	**0.00**	--	--	--	--	--	--
MW-8											
08/09/99		97.87	--	--	0.00	--	**186**	15.4	39.0	--	9.23
10/20/99		97.87	13.06	84.81	0.00	--	31.4	2.47	2.97	--	0.35[6]
01/06/00		97.87	--	--	0.00	--	**710**	26.5	304	--	--
04/12/00		97.87	12.57	85.30	0.00	--	28.2	1.72	4.16	--	1.88
06/27/00		97.87	12.61	85.26	0.00	--	29.5	1.47	3.09	--	<1.00
09/28/00		97.87	12.88	84.99	0.00	--	20.3	1.23	1.39	--	4
01/15/01		97.87	13.70	84.17	0.00	--	17.7	2.14	12.3	--	--
06/21/01		97.87	11.77	86.10	0.00	--	**197**	<10.0	26.7	--	<10.0
07/26/01		97.87	12.18	85.69	0.00	--	**157**	7.03	42.5	--	6.86
07/26/01	(D)	97.87	12.18	85.69	0.00	--	**147**	7.07	42.2	--	6.36
03/19/02		97.87	12.84	85.03	0.00	--	**1,450**	22.0	166	--	32.0
03/19/02	(D)	97.87	12.84	85.03	0.00	--	**1,430**	21.7	169	--	30.0
04/03/02		97.87	12.48	85.39	0.00	--	**1,000**	22.3	199	--	36.5
04/03/02	(D)	97.87	12.48	85.39	0.00	--	**1,030**	21.9	213	--	37.3
05/07/02		97.87	11.86	86.01	0.00	--	**472**	13.7	152	--	--
06/06/02		97.87	12.39	85.48	0.00	--	**476**	14.1	79.8	--	--
07/02/02		97.87	11.79	86.08	0.00	--	**291**	14.0	58.9	--	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level							*43*	*48,500*	*6,910*	--	*9,880*
MW-8 (cont)											
09/03/02		97.87	13.24	84.63	0.00	--	284	11.3	81.6	--	--
10/11/02		97.87	14.04	83.83	0.00	--	238	18	152.0	--	--
12/31/02		97.87	13.69	84.18	0.00	--	165	16.3	261	--	--
12/31/02	(D)	97.87	13.69	84.18	0.00	--	192	16.1	141	--	--
03/26/03		97.87	12.23	85.64	0.00	--	767	23.2	156	--	--
04/28/03		97.87	12.87	85.00	0.00	--	683	20.8	125	--	--
05/30/03		97.87	11.80	86.07	0.00	--	467	15.4	75.4	--	--
06/25/03		97.87	12.20	85.67	0.00	--	305	17.4	89.7	--	7.94
09/15/03		97.87	13.45	84.42	0.00	--	159	36.1	634	--	168
DECOMMISSIONED DECEMBER 2003											
MW-16											
03/21/07		--	14.49	--	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08		--	15.25	--	0.00	--	--	--	--	--	--
09/08-09/08		--	18.51	--	0.00	--	--	--	--	--	--
12/11/08		--	MONITORED SEMI-ANNUALLY			--	--	--	--	--	--
03/30-31/09		--	16.11	--	0.00	--	--	--	--	--	--
ABANDONED											
MLU-3											
08/20/99		97.92	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/20/99		97.92	13.58	84.34	0.00	--	<0.500	<0.500	<0.500	--	0.057
07/26/01		97.92	12.05	85.87	0.00	--	<1.00	<1.00	<1.00	--	<1.00
NOT MONITORED/SAMPLED											
TRIP BLANK											
08/09/99		--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
08/10/99		--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
08/11/99		--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/20/99		--	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
01/07/00		--	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
04/13/00		--	--	--	0.00	--	--	--	--	--	--
04/13/00		--	--	--	0.00	--	--	--	--	--	--
04/13/00		--	--	--	0.00	--	--	--	--	--	--
04/13/00		--	--	--	0.00	--	--	--	--	--	--
04/13/00		--	--	--	0.00	--	--	--	--	--	--
06/28/00		--	--	--	0.00	--	--	--	--	--	--
09/29/00		--	--	--	0.00	--	--	--	--	--	--
01/15/01		--	--	--	0.00	--	--	--	--	--	--
06/21/01		--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
03/18/02		--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						***43***	***48,500***	***6,910***	**–**	***9,880***
TRIP BLANK (cont)										
03/19/02	--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
04/03/02	--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
09/03/02	--	--	--	0.00	--	<0.500	<0.500	1.09	--	--
12/31/02	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
06/26/03	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
09/15/03	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
12/15/03	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/25/04	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
09/23/04	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/14/05	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/29/06	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/21/07	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08	--	--	--	0.00	--	<0.5	<0.5	<0.5	--	<1.0
FIELD BLANK										
08/20/99	--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
10/20/99	--	--	--	0.00	--	--	--	--	--	--
10/20/99	--	--	--	0.00	--	--	--	--	--	--
10/20/99	--	--	--	0.00	--	--	--	--	--	--
10/22/99	--	--	--	0.00	--	--	--	1.1	--	--
10/22/99	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
10/25/99	--	--	--	0.00	--	--	--	--	--	--
10/25/99	--	--	--	0.00	--	--	--	--	--	--
10/26/99	--	--	--	0.00	--	--	--	--	--	--
10/26/99	--	--	--	0.00	--	--	--	--	--	--
06/21/01	--	--	--	0.00	--	<1.00	<1.00	2.49	--	1.88
06/27/01	--	--	--	0.00	--	<1.00	<1.00	1.79	--	<1.00
07/26/01	--	--	--	0.00	--	1.22	<1.00	4.26	--	<1.00
03/19/02	--	--	--	0.00	--	<1.00	<1.00	<1.00	--	<1.00
09/03/02	--	--	--	0.00	--	0.857	<0.500	3.84	--	--
12/31/02	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	--
09/17/03	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
12/17/03	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/26/04	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
09/23/04	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/14/05	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00

Table 1
Groundwater Monitoring and Analytical Results
Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removec (gallons)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	Napthalene (µg/L)
Groundwater Cleanup Level						***43***	***48,500***	***6,910***	***--***	***9,880***
FIELD BLANK (cont)										
03/29/06	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<1.00
03/21/07	--	--	--	0.00	--	<0.500	<0.500	<0.500	--	<5.00
03/25/08	--	--	--	0.00	--	<0.5	<0.5	<0.5	--	<1.0
09/08-09/08	--	--	--	0.00	--	<0.5	<0.5	<0.5	<1.5	--
QA										
03/30-31/09	--	--	--	0.00	--	<0.5	<0.5	<0.5	<1.5	--
09/10-11/09	--	--	--	0.00	--	<0.5	<0.5	<0.5	<1.5	--
03/15/10	--	--	--	0.00	--	<0.5	<0.5	<0.5	<1.5	--
09/15/10	--	--	--	0.00	--	<0.5	<0.5	<0.5	<1.5	--
09/24/11	--	--	--	0.00	--	<0.2	<0.2	<0.2	<0.6	--
11/16/11	--	--	--	0.00	--	<0.2	<0.2	<0.2	<0.6	--

Table 1

Groundwater Monitoring and Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to 2010 were compiled from reports prepared by SAIC.

TOC = Top of Casing elevation
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
-- = Not Measured/Not Analyzed
LNAPLT - Light Non-Aqueous Phase Liquid Thickness
NP = No Purge
(µg/L) = Micrograms per liter
QA = Quality Assurance/Trip Blank
(D) = Duplicate
ND = Non-detect

ANALYTICAL METHOD:

BTEX and Napthalene analyzed by EPA method 8021B

Bolded and shaded values exceed Model Toxics Control Act (MTCA) Method B Surface Water Cleanup Levels (CULs)

TOC elevations from wells were surveyed by OTAK on April 6, 25 and May 11, 2011. Survey data provided by ARCADIS

** Groundwater elevation corrected for the presence of LNAPL using a specific gravity of 0.80; Correction factor: [(TOC-DTW)+(LNAPLT x 0.80)].

1 Absorbant sock in well.

2 Laboratory report indicates due to the presence of an interferent near its retention time, the normal reporting limit was not attained for toluene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

3 Laboratory report indicates the reporting limit for Naphthalene was raised due to the detection in the associated method blank.

4 Laboratory report indicates the reporting limit for Naphthalene was raised to 5 µg/L due to the detection in the associated method blank.

5 Product + water removed.

6 Laboratory report indicates concentration exceeds the instrument calibration range.

7 Laboratory report indicates estimated value.

8 Laboratory report indicates due to the presence of interferents near their retention time, normal reporting limits were not attained for benzene and toluene. The presence or concentrations of these compounds cannot be determined below the reporting limits due to the presence of these interferents.

9 No purge due to bent casing.

10 Laboratory report indicates due to the presence of an interferent near its retention time, the normal reporting limit was not attained for naphthalene.. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

11 Laboratory report indicates the reporting limits were raised because sample dilution was necessary to bring internal standard within QC limits.

12 Product only removed.

13 Sheen in water.

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	TOC (ft.)	Depth To Product (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)
MW-3						
08/11/99	104.07	--	--	--	--	--
10/22/99	104.07	--	--	--	--	--
05/24/01	104.07	9.99	10.25	94.03	0.26	--
06/27/01	104.07	--	--	--	--	--
03/18/02	104.07	8.59	9.28	95.34	0.69	--
12/31/02	104.07	--	--	--	--	--
03/26/03	104.07	--	7.02	97.05	0.00	--
06/26/03	104.07	10.49	11.49	93.38	1.00	2.75
07/21/03	104.07	--	--	--	--	2.50
08/28/03	104.07	--	--	--	--	3.00
10/16/03	104.07	11.55	13.89	92.05	2.34	1.75
11/21/03	104.07	--	--	--	--	3.50
12/17/03	104.07	10.27	11.02	93.65	0.75	2.00
01/29/04	104.07	9.82	10.59	94.10	0.77	1.75
02/18/04	104.07	9.77	10.32	94.19	0.55	0.75
03/30/04	104.07	9.28	9.93	94.66	0.65	0.75
09/22/04	104.07	10.61	11.35	93.31	0.74	1.50
03/15/05	104.07	10.82	12.98	92.82	2.16	3.00
9/28/05*	104.07	--	11.25	--	<3.0	3.50
03/29/06	104.07	8.76	12.40	94.58	3.64	6.50
03/21/07	104.07	9.13	10.67	94.63	1.54	2.00
03/25/08	104.07	9.73	10.38	94.21	0.65	1.00
09/08-09/08	104.07	10.55	11.02	93.43	0.47	1.50
12/11/08	104.07	10.79	12.10	93.02	1.31	2.50
03/30-31/09	104.07	--	9.70	94.37	0.00	0.00
06/15/09	104.07	9.79	10.97	94.04	1.18	2.50[1]
09/10-11/09	104.07	10.94	12.21	92.88	1.27	1.66[1]
02/23/10	104.07	8.75	11.25	94.82	2.50	1.75[1]
03/15/10	104.07	8.60	11.25	94.94	2.65	2.50[2]
03/23/12	**104.07**	**11.90**	**12.00**	**92.15**	**0.10**	**0.50**
06/01/12			**INACCESSIBLE**			
04/22/13			**INACCESSIBLE**			
MW-9						
08/11/99	103.67	--	--		--	--
10/21/99	103.67	--	--	--	--	--
05/24/01	103.67	14.02	14.07	--	0.05	--
06/21/01	103.67	13.74	13.78	89.92	0.04	--

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	TOC (ft.)	Depth To Product (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)
MW-9 (cont)				103.67		
06/27/01	103.67	--	13.79	89.88	0.00	--
03/18/02	103.67	12.82	13.51	90.71	0.69	--
10/16/02	103.67	--	--	--	0.54	--
11/11/02	103.67	--	--	--	0.90	--
12/31/02	103.67	--	--	--	0.91	--
02/27/03	103.67	--	--	--	0.02	--
03/26/03	103.67	--	--	--	0.09	--
04/28/03	103.67	13.18	13.25	90.48	0.07	--
05/30/03	103.67	13.43	13.52	90.22	0.09	--
06/26/03	103.67	13.86	13.90	89.80	0.04	0.10
07/21/03	103.67	--	--	--	0.21	2.00
08/28/03	103.67	--	--	--	0.23	0.75
10/16/03	103.67	15.41	15.98	88.15	0.57	2.00
11/21/03	103.67	--	--	--	0.01	0.25
12/17/03	103.67	--	--	--	0.00	0.00
01/29/04	103.67	14.13	14.16	89.53	0.03	0.10
02/18/04	103.67	10.94	11.11	92.70	0.17	0.25
03/30/04	103.67	13.69	13.80	89.96	0.11	0.25
09/22/04	103.67	9.49	9.52	94.17	0.03	0.25
03/15/05	103.67	14.52	14.81	89.09	0.29	0.25
09/28/05	103.67	15.06	15.31	88.56	0.25	<0.01
03/29/06	103.67	13.00	13.26	90.62	0.26	<0.5
03/21/07	103.67	13.41	13.73	90.20	0.32	0.19
03/25/08	103.67	--	13.93	89.74	0.00	<0.25
09/08-09/08	103.67	14.22	14.23	89.45	0.01	0.00
12/11/08	103.67	15.11	15.16	88.55	0.05	0.02
03/30-31/09	103.67	--	14.06	89.61	0.00	0.00
06/15/09	103.67	--	13.32	90.35	0.00	0.00
09/10-11/09	103.67	--	14.80	88.87	0.00	0.00
02/23/10	103.67	12.80	13.10	90.81	0.30	0.21[1]
03/15/10	103.67	13.10	13.33	90.52	0.23	0.18[1]
3/14/2011[1]	103.67	--	12.71	90.96	0.00	--
9/24/2011[1]	36.46	--	14.62	21.84	0.00	--
12/08/2011[1]	36.46	--	12.87	23.59	0.00	--
03/23/12	**36.46**	**10.35**	**10.55**	**26.07**	**0.20**	**0.50**
06/01/12	**36.46**	**11.55**	**11.75**	**24.87**	**0.20**	**1.00**
04/22/13	**36.46**	**10.40**	**11.07**	**25.93**	**0.67**	--

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	TOC (ft.)	Depth To Product (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)
MW-10						
08/11/99	100.30	--	--	--	--	--
10/21/99	100.30	--	--	--	--	--
04/12/00	100.30	--	7.34	92.96	0.00	--
06/27/00	100.30	--	8.95	91.35	0.00	--
09/28/00	100.30	--	10.08	90.22	0.00	--
01/15/01	100.30	--	10.16	90.14	0.00	--
01/15/01	100.30	--	10.16	90.14	0.00	--
05/24/01	100.30	--	9.14	91.16	0.00	--
06/21/01	100.30	--	7.97	92.33	0.00	--
06/27/01	100.30	--	9.07	91.23	0.00	--
06/27/01	100.30	--	9.07	91.23	0.00	--
03/18/02	100.30	--	7.09	93.21	0.00	--
07/02/02	100.30	--	8.37	91.93	0.00	--
12/31/02	100.30	--	--	--	0.96	--
02/27/03	100.30	--	--	--	0.17	--
03/26/03	100.30	--	--	--	0.04	--
04/28/03	100.30	--	8.80	91.50	0.00	--
05/30/03	100.30	--	8.76	91.54	0.00	--
06/26/03	100.30	8.69	8.99	91.55	0.30	6.00
07/21/03	100.30	--	--	--	0.06	1.00
08/28/03	100.30	--	--	--	0.14	6.00
10/16/03	100.30	10.54	11.56	89.56	1.02	18.50
11/21/03	100.30	--	--	--	1.33	7.00
12/17/03	100.30	--	--	--	0.15	0.75
01/29/04	100.30	8.61	8.61	91.69	0.00	--
02/18/04	100.30	8.58	8.72	91.69	0.14	0.25
03/30/04	100.30	8.41	8.47	91.88	0.06	0.25
09/22/04	100.30	9.56	9.64	90.72	0.08	0.50
03/15/05	100.30	9.83	10.20	90.40	0.37	0.25
10/04/05	100.30	10.39	11.20	89.75	0.81	1.75
03/29/06	100.30	7.63	8.35	92.53	0.72	2.00
03/21/07	100.30	7.49	7.95	92.72	0.46	0.44
03/25/08	100.30	8.68	8.68	91.62	0.00	0.00
09/08-09/08	100.30	9.34	9.39	90.95	0.05	0.20
12/11/08	100.30	9.59	9.90	90.65	0.31	1.00

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	TOC (ft.)	Depth To Product (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)
MW-10 (cont)						
03/30-31/09	100.30	8.20	8.44	92.05	0.24	1.11[1]
06/15/09	100.30	8.10	8.31	92.16	0.21	0.34[1]
09/10-11/09	100.30	10.12	10.14	90.18	0.02	0.00
02/23/10	100.30	7.13	7.14	93.17	0.01	0.00
03/15/10	100.30	--	7.24	93.06	0.00	0.00
MW-12						
08/11/99	100.11	--	--	--	--	--
10/21/99	100.11	--	--	--	--	--
05/24/01	100.11	--	8.30	91.81	0.00	--
06/21/01	100.11	--	--	--	--	--
06/27/01	100.11	9.00	9.01	91.11	0.01	--
03/18/02	100.11	7.87	7.91	92.23	0.04	--
12/31/02	100.11	--	--	--	0.02	--
04/28/03	100.11	7.27	7.36	92.82	0.09	--
05/30/03	100.11	7.37	7.42	92.73	0.05	--
06/26/03	100.11	Sheen	8.32	91.79	Sheen	0.10
07/21/03	100.11	--	--	--	0.01	0.50
08/28/03	100.11	--	--	--	0.03	0.75
10/16/03	100.11	9.36	9.48	90.73	0.12	0.75
11/21/03	100.11	--	--	--	0.00	0.00
12/17/03	100.11	--	--	--	0.00	0.00
01/29/04	100.11	8.44	8.44	91.67	0.00	0.00
02/18/04	100.11	7.54	7.54	92.57	0.00	0.00
03/30/04	100.11	7.84	7.84	92.27	0.00	0.00
09/22/04	100.11	8.65	8.69	91.45	0.04	0.25
03/15/05	100.11	8.78	8.79	91.33	0.01	0.00
10/04/05	100.11	13.65	13.67	86.46	0.02	<0.01
03/29/06	100.11	7.51	7.51	92.60	0.00	0.00
03/21/07	100.11	7.32	7.32	92.79	0.00	0.00
03/25/08	100.11	--	8.09	92.02	0.00	0.00
09/08-09/08	100.11	--	8.65	91.46	0.00	0.00
12/11/08	100.11	8.61	8.62	91.50	0.01	0.00
03/30-31/09	100.11	7.53	7.54	92.58	0.01	0.00
06/15/09	100.11	--	7.92	92.19	0.00	0.00

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	TOC (ft.)	Depth To Product (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)
MW-12 (cont)						
09/10-11/09	100.11	9.22	9.23	90.89	0.01	0.00
02/23/10	100.11	--	6.90	93.21	0.00	0.00
03/15/10	100.11	--	7.23	92.88	0.00	0.00
MW-27						
09/13/99	101.17	--	--	--	--	--
10/22/99	101.17	--	--	--	--	--
01/06/00	101.17	--	--	--	--	--
05/24/01	101.17	10.38	11.11	90.64	0.73	--
06/27/01	101.17	9.29	10.07	91.72	0.78	--
03/18/02	101.17	9.00	9.07	92.16	0.07	--
10/16/02	101.17	--	--	--	0.05	--
12/31/02	101.17	--	--	--	0.02	--
06/26/03	101.17	10.83	11.08	90.29	0.25	0.25
07/21/03	101.17	--	--	--	0.46	4.00
08/28/03	101.17	--	--	--	0.21	8.00
10/16/03	101.17	--	5.97	95.20	0.00	0.00
11/21/03	101.17	--	--	--	--	0.00
12/17/03	101.17	--	--	--	--	0.00
01/29/04	101.17	9.71	10.23	91.36	0.52	2.00
02/18/04	101.17	9.97	10.59	91.08	0.62	1.75
03/30/04	101.17	9.77	10.54	91.25	0.77	3.00
09/22/04	101.17	9.91	9.98	91.25	0.07	0.70
03/15/05	101.17	11.21	11.76	89.85	0.55	0.50
03/29/06	101.17	--	9.14	92.03	0.00	0.00
03/21/07	101.17	7.90	7.91	93.27	0.01	<0.01
03/25/08	101.17	--	10.57	90.60	0.00	0.00
09/08-09/08	101.17	10.66	10.83	90.48	0.17	0.28
12/11/08	101.17	11.18	11.19	89.99	0.01	0.00
03/30-31/09	101.17	9.91	9.92	91.26	0.01	0.00
06/15/09	101.17	9.66	9.67	91.51	0.01	0.00
09/10-11/09	101.17	11.10	11.27	90.04	0.17	0.33[1]
02/23/10	101.17	--	9.37	91.80	0.00	0.00
03/15/10	101.17	9.47	9.48	91.70	0.01	0.00
3/14/2011[1]	101.17	27.70	27.77	73.46	0.07	0.050[5]
11/16/11	34.01	--	11.27	22.74	0.00	--
12/08/11	34.01	9.69	9.78	24.30	0.09	0.050[1]
03/23/12	**34.01**	**8.15**	**8.18**	**25.85**	**0.03**	**1.00**

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	TOC (ft.)	Depth To Product (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)
MW-27 (cont)						
06/01/12	**34.01**	**8.25**	**8.45**	**25.72**	**0.20**	**1.00**
04/22/13	**34.01**	**7.33**	**7.34**	**26.68**	**0.01**	**--**
MW-28						
03/21/07	100.35	6.48	6.86	-6.56	0.38	0.25
03/25/08	100.35	7.08	7.25	-7.11	0.17	0.25
09/08-09/08	100.35	8.00	8.04	92.34	0.04	0.16
12/11/08	100.35	8.14	8.15	92.21	0.01	0.00
03/30-31/09	100.35	6.83	6.84	93.52	0.01	0.00
06/15/09	100.35	7.20	7.21	93.15	0.01	0.00
09/10-11/09	100.35	8.13	8.16	92.21	0.03	0.00
02/23/10	100.35	6.38	6.39	93.97	0.01	0.00
03/15/10	100.35	--	6.05	94.30	0.00	0.00
03/14/11	100.35	--	5.3	95.05	0.00	0.00
SMPN-1						
03/15/05	--	Sheen	11.23	--	Sheen	0.00
10/04/05	--	11.72	11.96	--	0.24	<1/16
03/29/06	--	--	9.84	--	0.00	0.00
03/21/07	--	--	9.89	--	0.00	0.00
03/25/08	--	--	10.36	--	0.00	0.00
09/08-09/08	100.99	10.67	10.68	90.32	0.01	0.00
12/11/08	100.99	--	11.30	89.69	0.00	0.00
03/30-31/09	100.99	10.30	10.31	90.69	0.01	0.00
06/15/09	100.99	9.72	9.73	91.27	0.01	0.00
09/10-11/09	100.99	--	11.13	89.86	0.00	0.00
02/23/10	100.99	--	9.86	91.13	0.00	0.00
03/15/10	100.99	--	9.83	91.17	0.01	0.00
11/16/11	33.78	--	11.27	22.51	0.00	--
12/08/11	33.78	9.78	9.79	24.00	0.01	0.050[1]
03/23/12	**33.78**	**8.25**	**8.27**	**25.53**	**0.02**	**0.50**
6/1/2012	**33.78**	**--**	**8.85**	**24.93**	**0.00**	**0.00**
4/22/2013	**33.78**	**--**	**8.75**	**25.03**	**0.00**	**0.00**
SMPN-2						
03/15/05	--	11.20	11.21	--	0.01	0.00
03/29/06	--	--	9.48	--	0.00	0.00
03/21/07	--	9.15	9.20	--	0.05	<0.05
03/25/08	--	--	10.11	--	0.00	0.00
09/08-09/08	101.24	10.50	10.51	90.74	0.01	0.00
SMPN-2 (cont)						

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	TOC (ft.)	Depth To Product (ft.)	DTW (ft.)	GWE (ft.)	LNAPLT (ft.)	LNAPL Removed (gallons)
12/11/08	101.24	11.05	11.06	90.19	0.01	0.00
03/30-31/09	101.24	10.11	10.12	91.13	0.01	0.00
06/15/09	101.24	9.50	9.51	91.74	0.01	0.00
09/10-11/09	101.24	10.98	10.99	90.26	0.01	0.00
02/23/10	101.24	10.98	9.23	92.01	0.00	0.00
03/15/10	101.24	9.36	9.37	91.88	0.01	0.00
03/14/11	101.24	--	8.93	92.31	0.00	--
11/16/11	33.85	9.96	9.97	23.89	0.01	0.050[1]
12/08/11	33.85	--	9.61	24.24	0.00	--
03/23/12	**33.85**	**8.10**	**8.12**	**25.75**	**0.02**	**0.50**
6/1/2012	**33.85**	**8.30**	**8.40**	**25.53**	**0.10**	**1.00**
4/22/2013	**33.85**	**--**	**7.88**	**25.97**	**--**	**--**
SMPN-3						
03/15/05	--	--	11.46	--	0.00	0.00
03/29/06	--	--	9.56	--	0.00	0.00
03/21/07	--	--	9.03	--	0.00	0.00
03/25/08	--	--	10.30	--	0.00	0.00
09/08-09/08	101.02	10.66	10.67	90.36	0.01	0.00
12/11/08	101.02	--	11.26	89.76	0.00	0.00
03/30-31/09	101.02	10.27	10.28	90.75	0.01	0.00
06/15/09	101.02	--	9.59	91.43	0.00	0.00
09/10-11/09	101.02	--	11.08	11.09	0.01	0.00
02/23/10	101.02	--	9.44	91.58	0.00	0.00
03/15/10	101.02	--	9.51	91.52	0.01	0.00
03/14/11	101.02	--	9.12	91.90	0.00	--
11/16/11	33.81	10.94	11.06	22.85	0.12	0.050[1]
12/08/11	33.81	--	9.73	24.08	0.00	--
03/23/12	33.81	--	8.30	25.51	0.00	--
06/01/12	33.81	--	8.05	25.76	0.00	--
04/22/13	**33.81**	--	**8.30**	25.51		

Table 2

Light Non Aqueous Phase Liquid Thickness/Removal Data

Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

Data prior to 2010, and the notes below, were provided by SAIC.

EXPLANATIONS:

-- = Not Applicable or Not included in monitoring program
DTW = Depth to water
GWE = Groundwater elevation in feet (based on arbitrary benchmark @ 100 feet)
LNAPLT = Light Non Aqueous Phase Liquid Thickness

Groundwater Elevation calculated using the following formula to account for the effect of LNAPL. GWE = (Survey elevation - DTW)+(0.8 * LNAPLT)

* Interface probe not recognizing LNAPL, bailer dropped in well, LNAPL thickness > 3 feet.

[1] LNAPL + water removed.

[2] LNAPL only removed

Table 3

Groundwater PAHs and Metals Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-3									
08/11/99	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	5.34	4.39
10/21/99	.0044[3]	.0008[3]	.0062[3]	.0034[3]	.0028[3]	.0063[3]	.0057[3]	--	--
03/29/06	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/21/07	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/25/08	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
09/15/10	INACCESSIBLE	--	--	--	--	--	--	--	--
MW-4									
08/10/99	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.0	<1.0
06/25/03	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
09/16/03	0.0241	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
12/15/03	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<1.0	<1.0
03/25/04	0.0137	<0.0119	<0.0119	<0.0119	0.0131	<0.0119	<0.0119	<1.0	<1.0
03/21/07	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<1.0	<1.0
03/25/08	0.030	0.025	0.031	0.014	0.028	<0.0099	0.019	<0.70	1.4
09/08-09/08	0.15	0.15	0.14	0.079	0.13	<0.011	<0.011	<0.95	<0.050
03/30-31/09	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.95	<0.050
09/10-11/09	0.012	0.013	0.014	<0.0098	0.012	<0.0098	<0.0098	<0.95	<0.050
03/15/10	0.041	0.052	0.069	0.027	0.048	<0.0099	0.016	<0.95	<0.050
09/15/10	0.48	0.68	0.43	0.43	0.53	0.065	0.43	<0.95	<0.052
9/25/2011[5]	<0.012	<0.012	0.012	<0.012	<0.012	<0.012	<0.012	<0.95	0.09
10/10/11	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
06/21/12	**0.032**	**0.037**	**0.039**	0.018	**0.035**	<0.010	0.013	--	--
06/21/12 (F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/26/12	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	--	--
09/26/12 (F	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	**<0.40**	<0.034
04/22/13	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**--**	**--**
04/22/13 (F	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.40**	**<0.050**
MW-7									
08/10/99	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	3.71	4.64
10/20/99	0.0028[3]	0.0038[3]	0.0043[3]	0.0025[3]	0.0061[3]	0.0079[3]		--	--
06/25/03	<0.0100	<0.0100	<0.0100	0.900 (Q-20)	<0.0100	<0.0100	<0.0100	--	--
03/21/07	UNABLE TO LOCATE		--	--	--	--	--	--	--
03/25/08	UNABLE TO LOCATE		--	--	--	--	--	--	--

Table 3

Groundwater PAHs and Metals Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE		Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup		*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-7 (cont)										
09/08-09/08		UNABLE TO LOCATE		--	--	--	--	--	--	--
09/10-11/09		UNABLE TO LOCATE		--	--	--	--	--	--	--
03/15/10		0.14[2]	0.12[2]	0.21[2]	0.16[2]	0.18[2]	0.013[2]	0.041[2]	1.5	1.1
09/15/10		0.3	0.5	0.42	0.36	0.38	0.073	0.39	2.5	1.7
06/21/12		0.011	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	--	--
06/21/12	(F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/20/12		<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	--	--
09/20/12	(F	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	6.1	1.6
04/22/13		**0.019**	**<0.010**	**0.011**	**<0.010**	**<0.010**	**0.012**	**0.016**	--	--
04/22/13	(F	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	5.3	**0.85**
MW-8A										
12/15/03		--	--	--	--	--	--	--	--	--
03/25/04		0.0650	0.0454	0.0299	0.0531	0.0568	0.0274	0.0419	2.49	<1.0
09/23/04		<0.01	0.0220	<0.01	<0.01	0.0315	<0.01	<0.01	1.2	<1.0
09/23/04	(D	0.110	0.102	0.0980	0.120	0.104	0.0656	0.0937	1.11	<1.0
03/14/05		0.0234	0.0135	0.0123	0.0209	0.0164	<0.01	0.0137	5.2	<1.0
03/29/06		<0.00952	<0.00952	0.0281	<0.00952	<0.00952	<0.00952	<0.00952	<1.0	<1.0
03/21/07		<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<1.0	<1.0
03/25/08		<0.0096	<0.0096	0.010	<0.0096	<0.0096	<0.0096	<0.0096	0.92	2.0
09/08-09/08		0.017	0.018	0.031	<0.0099	0.028	<0.0099	0.021	1.1	<0.050
03/30-31/09		<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.95	<0.050
09/10-11/09		0.012	0.017	0.035	0.011	0.021	<0.0098	0.022	<0.95	0.059
03/15/10		0.036	0.062	0.14	0.099	0.079	0.011	0.040	<0.95	0.062
09/15/10		<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	2.8	<0.052
11/16/11		0.016	0.02	0.029	0.011	0.028	<0.0095	0.02	0.99	<0.080
06/21/12	(D	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	--	--
06/21/12		<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	--	--
06/21/12	(F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/21/12		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/21/12	(F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	4.9	0.13
04/23/13		**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	--	--
04/23/13	(F	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.40**	**<0.047**
MW-9										
08/11/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	4.33	<1.0
10/21/99		<0.0083	<0.0083	<0.0083	<0.0083	<0.0083	<0.0083[3]	<0.0083	17	0.94
03/25/04		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	12.9	<1.0
03/29/06		NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/21/07		NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/25/08		NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
09/08-09/08		<0.10[1]	<0.10[1]	<0.10[1]	<0.10[1]	<0.10[1]	<0.10[1]	<0.10[1]	9.5	0.58

Table 3

Groundwater PAHs and Metals Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE	Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-9 (cont)									
03/30-31/09	<0.0098	<0.0098	0.025	<0.0098	<0.0098	<0.0098	<0.0098	7.7	0.33
09/10-11/09	0.15	<0.098[1]	0.41	0.10	0.56	<0.098[1]	<0.098[1]	8.0	1.1
03/15/10	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
09/15/10	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
MW-10									
08/11/99	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.0	4.21
10/21/99	<0.008	<0.008	<0.008	<0.008	0.00333	<0.008[3]	<0.008[3]	--	--
04/12/00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	--
06/27/00	--	--	--	--	--	--	--	8.61	21.2
09/28/00	--	--	--	--	--	--	--	3.39	22
03/29/06	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/21/07	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/25/08	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
09/08-09/08	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/30-31/09	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
09/10-11/09	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/15/10	0.10[2]	0.054[2]	0.046[2]	0.059[2]	0.18[2]	<0.0099[2]	<0.0099[2]	3.8	10.9
09/15/10	0.52	0.17	0.3	<0.096	1.2	<0.096	<0.096	4.9	9.3
MW-11									
08/11/99	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	2.03	<1.0
10/22/99	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081[3]	<0.0081[3]	--	--
06/21/01	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	--	--	--	--	--
09/16/03	--	--	--	--	--	--	--	--	--
12/15/03	0.0734	<0.0100	0.0632	0.0341	<0.0100	0.0878	0.0857	3.72	<1.0
03/25/04	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	3.06	<1.0
03/21/07	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	19.4	<1.0

Table 3
Groundwater PAHs and Metals Analytical Results
Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID/ DATE	Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-11 (cont)									
03/25/08	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	19.0	1.1
03/25/08	0.012	<0.0096	0.010	<0.0096	0.013	<0.0096	<0.0096	16.9	1.4
09/08-09/08	<0.011	<0.011	0.011	<0.011	0.012	<0.011	<0.011	16.5	<0.050
03/30-31/09	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	19.2	<0.050
09/10-11/09	0.024	0.034	0.04	0.016	0.036	<0.0098	0.019	29.7	<0.050
03/15/10	<0.0099	0.011	0.016	0.010	0.013	<0.0099	<0.0099	13.4	<0.050
09/15/10	0.013	0.017	0.018	0.012	0.02	<0.010	0.018	16.6	<0.052
MW-12									
08/11/99	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	7.01	17.6
10/21/99	<0.0083	<0.0083	<0.0083	<0.0083	<0.0083	<0.0083[3]	<0.0083	--	--
03/29/06	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/21/07	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/25/08	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
09/08-09/08	0.017[2]	0.010[2]	<0.0099[2]	<0.0099[2]	0.039[2]	<0.0099[2]	<0.0099[2]	6.4	1.8
03/30-31/09	0.014	<0.0098	0.012	<0.0098	0.028	<0.0098	<0.0098	4.8	2.8
09/10-11/09	0.11	<0.097[1]	<0.097[1]	<0.097[1]	0.22	<0.097[1]	<0.097[1]	5.5	1.6
03/15/10	0.025[2]	0.015[2]	0.012[2]	0.018[2]	0.045[2]	<0.010[2]	<0.010[2]	4.6	3.4
09/15/10	0.086[2]	0.028[2]	0.053[2]	0.011[2]	0.18[2]	<0.0096[2]	0.014[2]	6.4	2.2
MW-15									
08/10/99	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	2.1	<1.0
10/20/99	<0.0081	<0.0081	0.00153	<0.0081	<0.0081	<0.0081	<0.0081	--	--

Table 3
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Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID/ DATE		Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup		*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-19										
08/11/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.0	<1.0
10/20/99		0.016	0.013	0.016	0.00743	0.015	0.00233	0.011	--	--
06/21/01		--	--	--	--	--	--	--	--	--
06/26/03		0.264	0.282	0.174	0.118	0.179	0.155	0.189	--	--
09/16/03		0.171	0.185	0.197	0.0894	0.191	0.0977	0.147	--	--
12/15/03		0.524	0.479	0.374	0.376	0.474	0.154	0.484	5.27	<1.0
03/26/04		0.209	0.168	0.128	0.127	0.182	0.0433	0.107	2.86	<1.0
03/26/04		0.170	0.137	0.0967	0.106	0.150	0.0363	0.0882	2.28	<1.0
09/23/04		0.613	0.390	0.317	0.562	0.530	0.145	0.350	4.24	2.93
03/14/05		0.151	0.111	0.080	0.125	0.126	0.0233	0.076	1.71	<1.0
03/14/05		0.155	0.109	0.085	0.135	0.131	0.0265	0.085	2.19	<1.0
03/29/06		0.093	0.076	0.066	0.0775	0.087	0.0348	0.063	3.76	<1.0
03/29/06		0.042	0.030	0.041	0.0327	0.032	0.0195	0.033	3.47	<1.0
03/21/07		0.151	0.121	0.0874	0.139	0.153	0.0417	0.0927	<1.0	<1.0
03/21/07		0.154	0.131	0.0896	0.126	0.160	0.0374	0.0894	<1.0	<1.0
03/25/08		0.046	0.039	0.049	0.021	0.042	<0.0097	0.027	1.30	12.9
03/25/08		0.36	0.31	0.35	0.15	0.34	0.053	0.19	0.92	3.5
09/08-09/08		0.40	0.54	0.46	0.26	0.41	0.077	0.28	<0.95	0.62
03/30-31/09		<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.95	0.42
09/10-11/09		0.071	0.084	0.099	0.037	0.081	0.012	0.041	<0.95	1.1
03/15/10		0.24	0.30	0.32	0.15	0.29	0.046	0.18	0.98	0.41
09/15/10		0.61	0.91	0.55	0.57	0.66	0.1	0.59	1.8	0.12
11/16/11		<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.95	<0.080
06/21/12		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
06/21/12	(F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/20/12		<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	--	--
09/20/12	(F	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	**0.41**	<0.034
04/24/13		**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**--**	**--**
04/24/13	**(F**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**0.42**	**0.13**
MW-20										
08/11/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	1.08	<1.0
10/20/99		.0012[3]	.00082[3]	.0016[3]	0.0011[3]	.00088[3]	<0.008[3]	<0.008	--	--
09/28/00		--	--	--	--	--	--	--	3.1	<1.0
06/26/03		0.375(I-02)	<0.0100	<0.0100	0.154(I-02)	<0.0100	<0.0100	<0.0100	--	--
09/16/03		<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	--	--

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Seattle, Washington

WELL ID/ DATE		Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup		*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-20 (cont)										
12/15/03		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	4.36	<1.0
03/26/04		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	2.53	<1.0
03/21/07		<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	2.34	<1.0
03/25/08		0.012	<0.0099	0.015	<0.0099	<0.0099	<0.0099	<0.0099	3.2	0.63
03/30-31/09		INACCESSIBLE	--	--	--	--	--	--	--	--
09/10-11/09		0.014	0.017	0.022	<0.010	0.013	<0.010	0.016	2.4	0.053
03/15/10		<0.010	<0.010	0.011	<0.010	<0.010	<0.010	0.011	1.3	0.10
09/15/10		0.011	0.018	0.014	0.011	0.012	<0.0095	0.02	5.2	<0.052
11/16/11	D	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	4.50	<0.080
06/21/12		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
06/21/12	(F	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	--	--
09/20/12		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/20/12	(F	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	11.9	<0.034
04/24/13		**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**--**	**--**
04/24/13	**(F**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**1.4**	**<0.073**
MW-21										
08/10/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	13.8	<1.0
10/19/99		<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078[3]	<0.0078	--	--
06/21/01		--	--	--	--	--	--	--	--	--
06/21/01		--	--	--	--	--	--	--	--	--
03/18/02		--	--	--	--	--	--	--	--	--
06/26/03		0.569	<0.0100	0.646	<0.0100	<0.0100	3.06	2.35	--	--
09/16/03		<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	--	--
12/15/03		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	12.6	<1.0
03/26/04		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	15.2	<1.0
09/23/04		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	14.6	<1.0
03/14/05		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	16.8	<1.0
03/29/06		<0.00952	<0.00957	<0.00958	<0.00956	<0.00953	<0.00954	<0.00955	16.4	<1.0
03/21/07		<0.0485	<0.0485	<0.0485	<0.0485	<0.0485	<0.0485	<0.0485	16.2	<1.0
03/25/08		<0.010	<0.010	<0.010	<0.010	0.011	<0.010	<0.010	14.6	0.33
09/08-09/08		0.011	0.022	0.017	0.012	0.012	<0.010	0.020	<0.95	0.058
03/30-31/09		<0.10	<0.10	<0.10	<0.10	0.018	<0.10	<0.10	11.1	<0.050
09/10-11/09		<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	9.9	0.11
03/15/10		0.013	0.046	0.045	0.038	0.039	0.075	0.080	8.5	<0.050
09/15/10		0.011	<0.0098	<0.0098	<0.0098	0.021	<0.0098	<0.0098	8.7	<0.052
9/25/2011[5]		<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	1.60	<0.08
10/10/11		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
06/21/12		<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	--	--
06/21/12	(F	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	--	--
09/20/12		<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	--	--
09/20/12	(F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	15.5	0.052
04/23/13		**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**--**	**--**
04/23/13	**(F**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**11.6**	**<0.047**

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Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID/ DATE	Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-22									
08/10/99	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	1.66	<1.0
10/22/99	.0017[3]	0.0013[3]	0.0024[3]	0.0012[3]	0.002[3]	<0.0079[3]	0.0015[3]	--	--
03/21/07	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	4.15	<1.0
03/25/08	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	3.5	0.12
09/08-09/08	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	6.4	<0.050
03/30-31/09	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	3.6	<0.050
09/10-11/09	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	3.9	0.45
03/15/10	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	4.8	<0.050
09/15/10	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	5.7	<0.052
MW-24									
03/21/07	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<1.00	<1.00
MW-25									
08/09/99	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	1.42	3.71
10/19/99	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079	<0.0079[3]	<0.0079	--	--
06/25/03	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
09/15/03	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
12/15/03	0.064	0.0628	<0.0100	<0.0100	0.0448	< 0.0100	0.0608	17.6	<1.0
03/25/04	0.0142	<0.0100	<0.0100	0.0117	0.0151	<0.0100	<0.0100	10.1	<1.0
09/22/04	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	3.97	<1.0
03/14/05	0.014	0.012	0.013	0.0192	0.015	< 0.0100	0.010	12.3	<1.0
03/29/06	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	<0.00971	9.81	<1.0
03/21/07	0.0133	0.0111	<0.0100	<0.0100	0.0113	<0.0100	<0.0100	7.23	<1.0
03/25/08	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	6.0	0.15
09/08-09/08	<0.010	<0.010	<0.010	<0.010	0.019	<0.010	<0.010	<0.95	<0.050
03/30-31/09	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.95	<0.050
09/10-11/09	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.95	<0.050
03/15/10	0.021	0.022	0.025	0.011	0.025	<0.0096	0.013	<0.95	0.21
09/15/10	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.95	<0.052
9/25/2011[5]	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	1.60	<0.08
10/10/11	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	--	--
06/21/12	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	--	--
06/21/12 (F	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	--	--
09/20/12	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/20/12 (F	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	2.3	<0.034
04/22/13	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**--**	**--**
04/22/13 (F	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	0.90	**<0.073**

Table 3
Groundwater PAHs and Metals Analytical Results
Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID/ DATE		Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup		*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-26										
08/09/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.0	<1.0
10/19/99		.0042[3]	.0039[3]	.0051[3]	.0027[3]	.0044[3]	<0.0081[3]	.0033[3]	--	--
04/12/00		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	--
06/25/03		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
09/22/04		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	1.05	<1.0
03/14/05		0.024	0.014	0.015	0.0239	0.019	<0.0100	<0.0100	1.26	<1.0
03/29/06		<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<0.00952	<1.0	<1.0
03/25/08		<0.0099	0.011	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.70	0.38
09/08-09/08		<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.95	<0.050
03/30-31/09		<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.95	<0.050
09/10-11/09		<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.95	<0.050
03/15/10		<0.0096	<0.0096	0.043[4]	<0.0096[4]	<0.0096	<0.0096	<0.0096	<0.95	<0.050
09/15/10		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.95	<0.052
9/25/2011[5]		<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.95	<0.08
10/10/11		<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	--	--
06/21/12		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
06/21/12	(F	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	--	--
09/26/12		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/26/12	D	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/26/12	DI	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	0.53	<0.034
09/26/12	(F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.49	0.10
04/22/13		**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	--	--
04/22/13	**(F**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.42**	**<0.073**
MW-27										
09/13/99		<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	--	--
10/22/99		.0041[3]	.0013[3]	.006[3]	.0033[3]	.0042[3]	<0.032	<0.032	--	--
09/15/10		NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
MW-28										
08/11/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	9.21	6.82
10/21/99		<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082[3]	<0.0082	--	--
10/21/99		<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081[3]	<0.0081	--	--
03/21/07		NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
03/25/08		NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--
09/15/10		NOT SAMPLED DUE TO THE PRESENCE OF LNAPL			--	--	--	--	--	--

Table 3

Groundwater PAHs and Metals Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

WELL ID/ DATE		Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup		*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
AGI-2										
08/10/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	10.6	1.84
10/20/99		.0014[3]	<0.008	.0019[3]	.0014[3]	.0014[3]	<0.008[3]	.0011[3]	--	--
06/25/03		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
03/21/07		<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	0.00994	4.68	<1.0
09/10-11/09		0.29	<0.097[1]	0.18	<0.097[1]	0.32	<0.097[1]	<0.097[1]	6.0	0.18
03/15/10		0.43	0.12	0.23	0.14	0.51	0.027	0.095	4.9	0.053
09/15/10		0.55	0.15	0.2	0.17	0.61	0.03	0.17	7.7	<0.052
06/21/12		0.011	<0.010	<0.010	<0.010	0.012	<0.010	<0.010	--	--
06/21/12	(F	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	--	--
09/20/12		0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/20/12	(F	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	**12.8**	0.073
04/23/13		**0.015**	**<0.010**	**<0.010**	**<0.010**	**0.015**	**<0.010**	**<0.010**	--	--
04/23/13	**D**	**0.015**	**<0.010**	**<0.010**	**<0.010**	**0.013**	**<0.010**	**<0.010**	--	--
04/23/13	**(F**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**10.9**	**<0.073**
04/23/13	**DI**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**11.6**	**<0.047**
MLU-1										
08/10/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.0	<1.0
10/20/99		.0012[3]	0.00091[3]	.0022[3]	<0.0079	<0.0079	<0.0079	.0013[3]	--	--
04/12/00		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	--
06/25/03		0.0476	0.0264	<0.0100	0.0164	0.0285	<0.0100	0.0776	--	--
09/15/03		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
12/15/03		<0.0100	0.0653	<0.0100	<0.0100	0.051	<0.0100	<0.0100	<1.0	<1.0
03/25/04		<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<1.0	<1.0
03/21/07		<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<0.00943	<1.0	<1.0
09/08-09/08		UNABLE TO LOCATE		--	--	--	--	--	--	--
09/10-11/09		0.012	0.011	0.021	<0.0098	0.014	<0.0098	0.011	<0.95	<0.050
03/15/10		<0.010	<0.010	0.066[4]	<0.010[4]	<0.010	<0.010	<0.010	<0.95	<0.050
09/15/10		<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.95	<0.052
06/21/12		<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	--	--
06/21/12	(F	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	--	--
09/26/12		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	--	--
09/26/12	(F	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**<0.40**	0.041
04/22/13		**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**--**	**--**
04/22/13	**(F**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.010**	**<0.40**	**0.097**
MW-8										
08/09/99		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<1.0	1.21
10/20/99		<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081[3]	<0.0081	--	--
01/06/00		--	--	--	--	--	--	--	--	--
04/12/00		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	--

Table 3
Groundwater PAHs and Metals Analytical Results
Former Chevron Bulk Plant #1001327
1602 North Northlake Place
Seattle, Washington

WELL ID/ DATE	Benzo (a) anthracene (µg/L)	Benzo (a) pyrene (µg/L)	Benzo (b) fluoranthene (µg/L)	Benzo (k) fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) anthracene (µg/L)	Indeno (1,2,3-cd) pyrene (µg/L)	Arsenic (µg/L)	Lead (µg/L)
ndwater Cleanup	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0296*	*0.0982*	*5*
MW-8 (cont)									
06/27/00	--	--	--	--	--	--	--	<1.0	<1.0
09/28/00	--	--	--	--	--	--	--	3.1	<1.0
06/25/03	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	--	--
DECOMMISSIONED DECEMBER 2003									
MW-16									
03/21/07	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<0.00980	<1.00	<1.00
ABANDONED									
MLU-3									
08/20/99	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<1.0	<1.0
10/20/99	0.0099	0.01	0.011	0.0075[3]	0.013	0.0019[3]	0.0075[3]	--	--
DISCONTINUED MONITORED/SAMPLING									

Table 3

Groundwater PAHs and Metals Analytical Results

Former Chevron Bulk Plant #1001327

1602 North Northlake Place

Seattle, Washington

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to 2010 were compiled from reports prepared by SAIC.

LNAPL = Light Non-Aqueous Phase Liquid
PAH = Poly Aromatic Hydrocarbons
(µg/L) = Micrograms per liter
(Q-20) = The internal standard associated with this analyte was outside the normal acceptance criteria
(D) = Duplicate
(F) = Field Filtered
(I-02) = This sample was analyzed outside of the recommended holding time

ANALYTICAL METHOD:

Selected PAHs by EPA Method 8270C SIM
Arsenic and Lead by EPA Method 6020

Bolded and shaded values exceed Model Toxics Control Act (MTCA) Method B Surface Water Cleanup Levels (CULs)

1 Laboratory report indicates due to the sample matrix an initial dilution was necessary to perform the analysis. Therefore, the reporting limits for the GC/MS semivolatile compounds were raised.

2 Laboratory report indicates the surrogate data is outside the QC limits due to irresolvable matrix problems evident in the sample chromatogram.

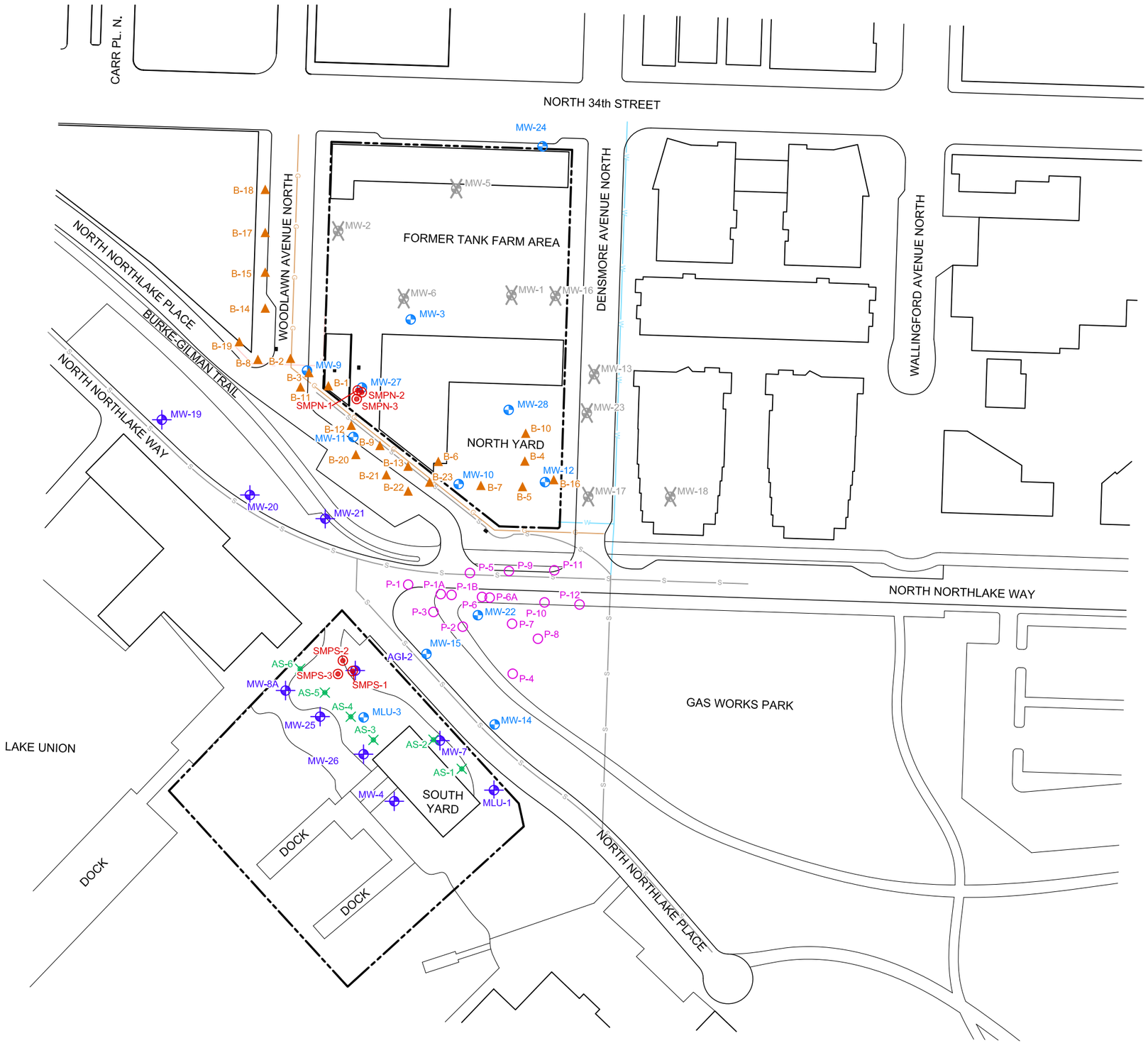
3 Laboratory report indicates estimated value.

4 Laboratory report indicates Benzo (b) fluoranthene and benzo (k) fluoranthene were not resolved under the sample analysis conditions. The result reported for benzo (b) fluoranthene represents the combined total of both isomers.

5 Laboratory report indicates the sample was extracted outside of the method required holding time

ARCADIS

Figures



LEGEND:

- 2007 BORING LOCATIONS
- GROUNDWATER MONITORING WELL
- ABANDONED MONITORING WELL
- BIOSPARGE INJECTION WELL
- COMPLIANCE MONITORING WELL
- SMP LOCATION
- CATCH BASIN
- SOIL BORING LOCATION
- NATURAL GAS LINE (APPROX.)
- UNDERGROUND ELECTRIC LINE (APPROX
- WATER LINE (APPROX.)
- SEWER LINE (APPROX.)

NOTES:

1. BASE MAP FROM A DRAWING BY SAIC TITLED "SITE MAP", DATED 09–14–07, @ A SCALE OF 1" = 60'. REVISED IN ACCORDANCE WITH A SURVEY DRAWING BY OTAK CONDUCTED IN APRIL & MAY, 2011.
2. ALL LOCATIONS OTHER THAN MONITORING WELLS ARE APPROXIMATE.

0 100' 200'

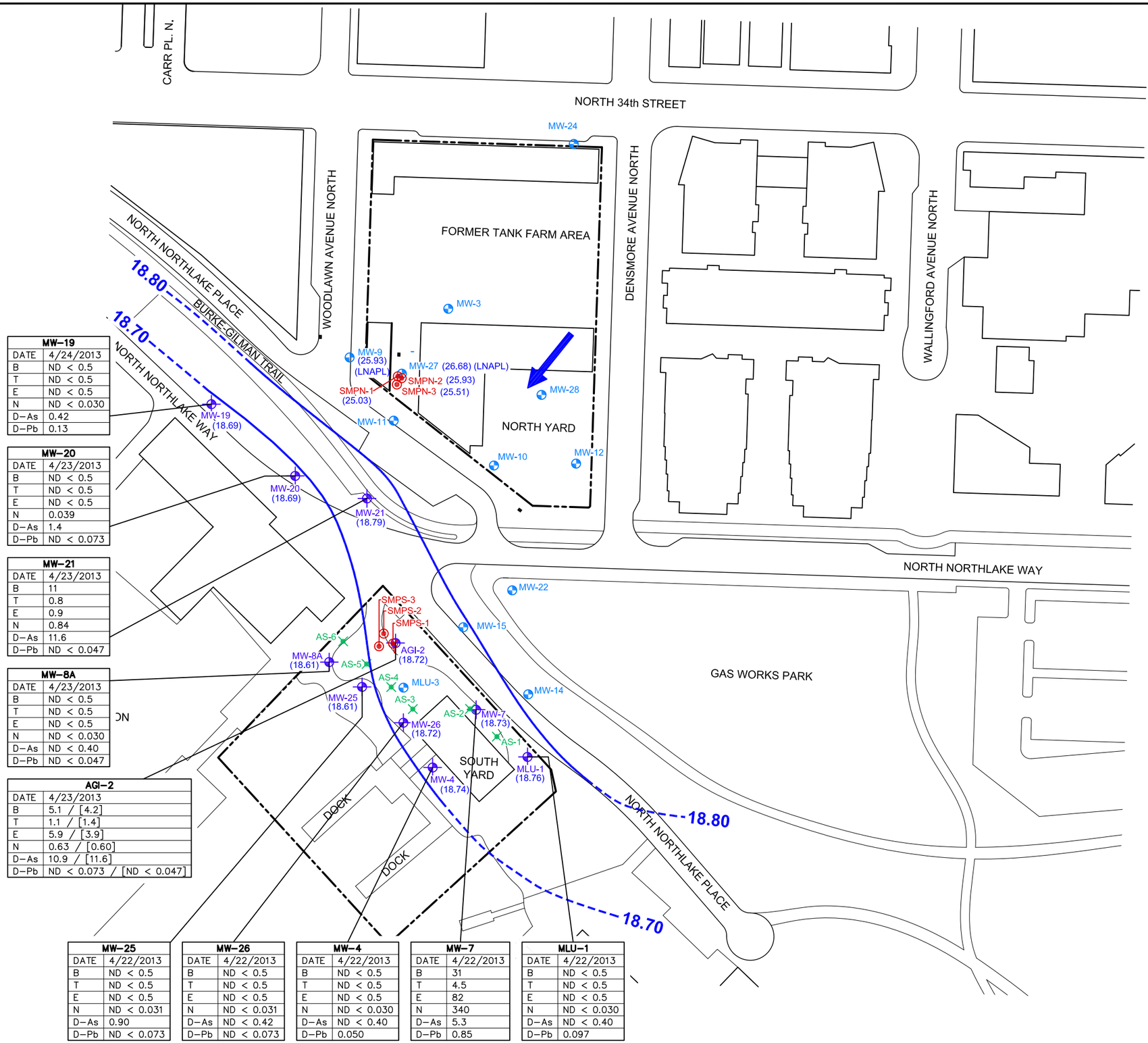
GRAPHIC SCALE

FORMER CHEVRON BULK PLANT No. 100-1327
FACILITIES NORTH / KING COUNTY (METRO)
SEATTLE, WASHINGTON
GROUNDWATER MONITORING REPORT

SITE PLAN

ARCADIS

FIGURE
1



MW-19	
DATE	4/24/2013
B	ND < 0.5
T	ND < 0.5
E	ND < 0.5
N	ND < 0.030
D-As	0.42
D-Pb	0.13

MW-20	
DATE	4/23/2013
B	ND < 0.5
T	ND < 0.5
E	ND < 0.5
N	0.039
D-As	1.4
D-Pb	ND < 0.073

MW-21	
DATE	4/23/2013
B	11
T	0.8
E	0.9
N	0.84
D-As	11.6
D-Pb	ND < 0.047

MW-8A	
DATE	4/23/2013
B	ND < 0.5
T	ND < 0.5
E	ND < 0.5
N	ND < 0.030
D-As	ND < 0.40
D-Pb	ND < 0.047

AGI-2	
DATE	4/23/2013
B	5.1 / [4.2]
T	1.1 / [1.4]
E	5.9 / [3.9]
N	0.63 / [0.60]
D-As	10.9 / [11.6]
D-Pb	ND < 0.073 / [ND < 0.047]

MW-25	
DATE	4/22/2013
B	ND < 0.5
T	ND < 0.5
E	ND < 0.5
N	ND < 0.031
D-As	0.90
D-Pb	ND < 0.073

MW-26	
DATE	4/22/2013
B	ND < 0.5
T	ND < 0.5
E	ND < 0.5
N	ND < 0.031
D-As	ND < 0.42
D-Pb	ND < 0.073

MW-4	
DATE	4/22/2013
B	ND < 0.5
T	ND < 0.5
E	ND < 0.5
N	ND < 0.030
D-As	ND < 0.40
D-Pb	0.050

MW-7	
DATE	4/22/2013
B	31
T	4.5
E	82
N	340
D-As	5.3
D-Pb	0.85

MLU-1	
DATE	4/22/2013
B	ND < 0.5
T	ND < 0.5
E	ND < 0.5
N	ND < 0.030
D-As	ND < 0.40
D-Pb	0.097

LEGEND:

- GROUNDWATER MONITORING WELL
- BIOSPARGE INJECTION WELL
- COMPLIANCE MONITORING WELL
- SMP LOCATION
- CATCH BASIN
- (18.86) GROUNDWATER ELEVATION IN FEET
- 18.80 GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MSL (DASHED WHERE INFERRED)
- DIRECTION OF GROUNDWATER FLOW
- ND NOT DETECTED, VALUE SHOWN IS DETECTION LIMIT
- MSL MEAN SEA LEVEL
- LNAPL LIGHT NON-AQUEOUS PHASE LIQUID

MLU-1	
B	BENZENE (µg/L)
T	TOLUENE (µg/L)
E	ETHYLBENZENE (µg/L)
N	NAPHTHALENE (µg/L)
D-As	DISSOLVED ARSENIC (µg/L)
D-Pb	DISSOLVED LEAD (µg/L)

NOTES:

1. BASE MAP FROM A DRAWING BY SAIC TITLED "SITE MAP", DATED 09-14-07, @ A SCALE OF 1" = 60'. REVISED IN ACCORDANCE WITH A SURVEY DRAWING BY OTAK CONDUCTED IN APRIL & MAY, 2011.
2. ALL LOCATIONS OTHER THAN MONITORING WELLS ARE APPROXIMATE.
3. ALL GROUNDWATER ELEVATIONS ARE FROM APRIL 22, 2013.

0 100' 200'

GRAPHIC SCALE

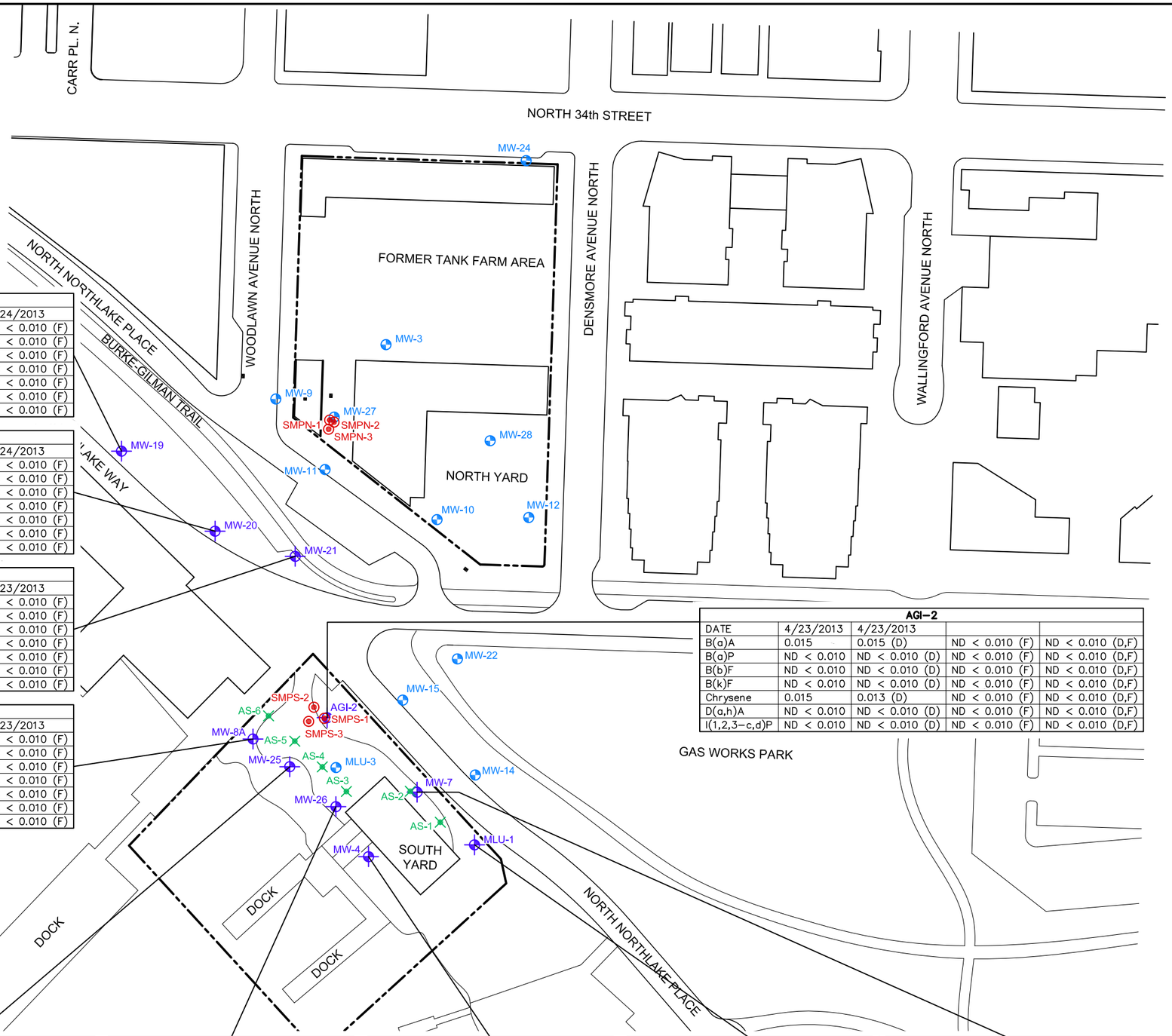
FORMER CHEVRON BULK PLANT No. 100-1327
FACILITIES NORTH / KING COUNTY (METRO)
SEATTLE, WASHINGTON
GROUNDWATER MONITORING REPORT

POTENTIOMETRIC MAP WITH ANALYTICAL RESULTS APRIL 22, 23, 24, 2013

ARCADIS

FIGURE 2

CITY: SYRACUSE, NY DIV/GROUP: ENV/CADD DB: E. KRAHMER, W.JONES PIC: J. VOGELEY PM/TM: G. SPRICK TR: M. MacDANIEL LYR: ON=*;OFF=REF
G:\ENV\CAD\SYRACUSE\ACTIVE\00457990005\00002\DWG\GMR_2012457990W04.dwg LAYOUT: 2 SAVED: 5/23/2013 12:02 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 5/23/2013 12:02 PM BY: JONES, WENDY
XREFS: 45799X03 45799X02 IMAGES: PROJECTNAME: ---



MW-19		
DATE	4/24/2013	4/24/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

MW-20		
DATE	4/24/2013	4/24/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

MW-21		
DATE	4/23/2013	4/23/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

MW-8A		
DATE	4/23/2013	4/23/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

AGI-2				
DATE	4/23/2013	4/23/2013		
B(a)A	0.015	0.015 (D)	ND < 0.010 (F)	ND < 0.010 (D,F)
B(a)P	ND < 0.010	ND < 0.010 (D)	ND < 0.010 (F)	ND < 0.010 (D,F)
B(b)F	ND < 0.010	ND < 0.010 (D)	ND < 0.010 (F)	ND < 0.010 (D,F)
B(k)F	ND < 0.010	ND < 0.010 (D)	ND < 0.010 (F)	ND < 0.010 (D,F)
Chrysene	0.015	0.013 (D)	ND < 0.010 (F)	ND < 0.010 (D,F)
D(a,h)A	ND < 0.010	ND < 0.010 (D)	ND < 0.010 (F)	ND < 0.010 (D,F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (D)	ND < 0.010 (F)	ND < 0.010 (D,F)

MW-25		
DATE	4/22/2013	4/22/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

MW-26		
DATE	4/22/2013	4/22/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

MW-4		
DATE	4/22/2013	4/22/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

MLU-1		
DATE	4/22/2013	4/22/2013
B(a)A	ND < 0.010	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	ND < 0.010	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	ND < 0.010	ND < 0.010 (F)
I(1,2,3-c,d)P	ND < 0.010	ND < 0.010 (F)

MW-7		
DATE	4/22/2013	4/22/2013
B(a)A	0.019	ND < 0.010 (F)
B(a)P	ND < 0.010	ND < 0.010 (F)
B(b)F	0.011	ND < 0.010 (F)
B(k)F	ND < 0.010	ND < 0.010 (F)
Chrysene	ND < 0.010	ND < 0.010 (F)
D(a,h)A	0.012	ND < 0.010 (F)
I(1,2,3-c,d)P	0.016	ND < 0.010 (F)

LEGEND:

- GROUNDWATER MONITORING WELL
- BIOSPARGE INJECTION WELL
- COMPLIANCE MONITORING WELL
- SMP LOCATION
- CATCH BASIN
- ND — NOT DETECTED, VALUE SHOWN IS DETECTION LIMIT
- (D) — DUPLICATE SAMPLE
- (F) — FIELD-FILTERED SAMPLE

SAMPLE ID	
DATE	Sample Collection Date
B(a)A	Benzo (a) anthracene (µg/L)
B(a)P	Benzo (a) pyrene (µg/L)
B(b)F	Benzo (b) fluoranthene (µg/L)
B(k)F	Benzo (k) fluoranthene (µg/L)
Chrysene	Chrysene (µg/L)
D(a,h)A	Dibenz (a,h) anthracene (µg/L)
I(1,2,3-c,d)P	Indeno (1,2,3-c,d) pyrene (µg/L)
(D)	Duplicate Sample
(F)	Field-filtered Sample

NOTES:

1. BASE MAP FROM A DRAWING BY SAIC TITLED "SITE MAP", DATED 09-14-07, @ A SCALE OF 1" = 60'. REVISED IN ACCORDANCE WITH A SURVEY DRAWING BY OTAK CONDUCTED IN APRIL & MAY, 2011.
2. ALL LOCATIONS OTHER THAN MONITORING WELLS ARE APPROXIMATE.

0 100' 200'

GRAPHIC SCALE

FORMER CHEVRON BULK PLANT No. 100-1327
FACILITIES NORTH / KING COUNTY (METRO)
SEATTLE, WASHINGTON

GROUNDWATER MONITORING REPORT

cPAH ANALYTICAL RESULTS APRIL 22, 23, 24, 2013

ARCADIS

FIGURE 3

ARCADIS

Appendix A

Field Notes

S. McGUIRE — KC METRO GWM — 4-22-13

1630 → SCM arrives onsite. Does sitewalk. Investigates drum to see situation for pickup.

1100 → Sam Miles on site. Fills out visitor paperwork. SWM does TIP. Reviews SOW.

1130 → SCM / SWM leave site. SCM is getting ratchet set that can open odd bolts on KC METRO.

1200 → SCM arrives back on site. Begins gusing round!

WELL	DTW	DTP	PID	COMMENTS
MW-4	15.18	—	0.0	—
MW-26	11.90	—	0.0	—
MW-25	12.30	—	0.0	—
MW-8A	11.70	—	0.0	—
AGI-2	SEARCHED FOR. CURRENTLY BURIED			
MW-7	12.40	—	250	—
MW-1	14.14	—	0.0	—
MW-19	12.18	—	0.0	—
MW-20	12.80	—	333	—
MW-21	12.47	—	0.0	—
MW-9	~~Hydrocarbon~~ sheen	10.40	1119	REPLACED OIL SOCK
SMPW-1	8.75	SHEEN	0.0	REPLACED OIL SOCK
SMPW-2	7.88	—	8.2	—
SMPW-3	8.30	—	212	—
MW-27	7.37	7.33	~~103~~ 203	REPLACED OIL SOCK
MW-3	COVERED BY COMMERCIAL VEHICLE			

1330 → Sample MW-1.

~~1410~~ → Sample MW-7.

1450 → Sample MW-4.

1530 → Sample MW-26

1610 → Sample MW-25

1700 → Leave site

Sean McGuire

S McGUIRE KC METRO GWM (DAY 2) 4-23-13

0815 → Arrive onsite after picking up metal detector for AGI-2. Site is located. SCM calls SWM.

0830 → Mon to N lot. Conduct tailgate. Review SOW. Prepare equipment.

0930 → Gate opens. Code is 1812. Use metal detector to find AGI-1.

1020 → Sample MW-8A.

1110 → Sample AGI-2. Also DUP-1.

1200 → Take lunch

1330 → Sample MW-20

1430 → Sample MW-19.

1530 → Transfer drum water. Prep drums for pickup.

1630 → Call SAM. MW-19 is still blocked. Cones put on have been removed. Will return tomorrow.

1715 → Site cleaned up SM out.

James McGuire

S. McGuire KC Metro (Day 3 GWM) 7-24-13

0700 → SCM arrives on Site. Tailgate conducted.

0730 → Mob to MW-19.

0800 → Sample MW-19.

0900 → Clean up site. Fill up drums.

0930 → CRA arrives for drum pickup. SCM supervise to make sure it gets moved off site.

1045 → SCM out.

Rite in the Rain.

ARCADIS Groundwater Sampling Form

Project No. _____ Well ID AGI-2 Date 4-23

Project Name/Location MC METRO Weather SUN

Measuring Pt. Description TOC | Screen Setting (ft-bmp) — | Casing Diameter (in.) 2" | Well Material X PVC ___ SS

Static Water Level (ft-btoc) 11.96 | Total Depth (ft-btoc) — | Water Column/ Gallons in Well _____ | Initial PID Reading (ppm) 911

TOC Elevation _____ | Pump Intake (ft-btoc) — | Purge Method: Low Flow Centrifugal ___ Submersible ___ Other ___ | Sample Method GRAB

Pump On/Off 1105 / 1120 | Volumes Purged — | Sample Time: Label 1110 Start ___ End ___ | Replicate/ Code No. DUP-1 | Sampled by MCG/SRE

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons Purged	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1100	0	200	11.95	0	6.23	523.1	—	0.68	12.9	95.2	clear	X → SMALL BAD
1103	3	↓	—	600	6.03	523.6	—	0.46	12.9	109.9	1	✓
1106	6	↓	—	1200	6.03	522.7	—	0.44	12.9	105.8	1	✓
1109	9	↓	11.99	1800	6.04	522.7	—	0.43	12.9	104.9	1	✓

SAMPLE @ 1110

DUP-1

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
DRS TOTAL LEAD/ARSENIC	POLY		HNO3
CBAH	GLASS		UN
FFCPAH / NAPTH	GLASS		UN

Well Casing Volumes

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Well Location: N SIDE / N CUT (WELL MEMBER) Well Locked at Arrival: Yes / (No)

Condition of Well: GOOD Well Locked at Departure: Yes / (No)

Well Completion: (Flush Mount) / Stick Up Key Number To Well: _____

ARCADIS Groundwater Sampling Form

Project No. _____ Well ID MW-1 Date 4-22

Project Name/Location KC METRO Weather SUN

Measuring Pt. Description _____ Screen Setting (ft-bmp) _____ Casing Diameter (in.) 4" Well Material ✓PVC ___SS

Static Water Level (ft-btoc) _____ Total Depth (ft-btoc) _____ Water Column/ Gallons in Well _____ Initial PID Reading (ppm) 0.0

TOC Elevation _____ Pump Intake (ft-btoc) _____ Purge Method: Low flow Centrifugal _____ Submersible _____ Other _____ Sample Method GRAB

Pump On/Off _____ Volumes Purged _____

Sample Time: Label _____ Start _____ End _____ Replicate/ Code No. _____ Sampled by MCGUIRE

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	~~Gallons~~ mL Purged	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1310	0	200		600	5.89	85.2	—	1.14	10.5	189.5	clear	X
1313	3	200		1200	5.77	85.0	—	1.10	10.4	185.5	1	1
1316	6	200		1800	5.74	85.1	—	1.08	10.4	185.5	1	1
1319	9	200		↓	5.70	85.2	—	1.09	10.3	185.0	1	1
SAMPLE @ 1330												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
TOTAL LEAD	POLY		HNO3
CPAH	GLASS 250		U4
CPAH/NAPTHALENE	↓		↓
D+T LEAD	PLST ~~HA~~		HNO3
DES ARSENIC	↓		↓

Well Casing Volumes

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Well Location: NE CORNER (S of ↓)

Condition of Well: GOOD

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / (No)

Well Locked at Departure: Yes / (No)

Key Number To Well: _____

ARCADIS Groundwater Sampling Form

Project No. _____ Well ID MW-1 Date 4-22

Project Name/Locatior KC METRO Weather SUN

Measuring Pt. Description TOC | Screen Setting (ft-bmp) — | Casing Diameter (in.) 2" | Well Material ✓ PVC ___ SS

Static Water Level (ft-btoc) 15.19 | Total Depth (ft-btoc) — | Water Column/ Gallons in Well — | Initial PID Reading (ppm) 0.0

TOC Elevation — | Pump Intake (ft-btoc) — | Purge Method: Low flow Centrifugal ___ Submersible ___ Other ___ | Sample Method GRAB

Pump On/Off 1440 / 1500 | Volumes Purged — | Sample Time: Label 1450 Start ___ End ___ | Replicate/ Code No. —

Sampled by MC/JRB

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons (mL) Purged	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1440	0	200		0	5.60	50.3	—	1.76	12.0	200.0	clear	^
1443	3	↓		600	5.68	50.8	—	1.77	11.5	186.8	1	1
1446	6			1200	5.71	55.4	—	1.77	11.9	184.5	1	1
1449	9	↓		1800	5.73	56.0	—	1.79	11.7	183.3	1	1
SAMPLE @ 1450												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
PFS ~~TOTAL~~ LEAD / ~~DISS~~	POLY	1	HNO3
CPAH	GLASS 250	2	UN
CPAH / NAPTH	↓	2	UN

Well Casing Volumes

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Well Location: S SIDE / S CUT | Well Locked at Arrival: Yes / No

Condition of Well: GOOD | Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up | Key Number To Well:

GW 4/22/2013

ARCADIS Groundwater Sampling Form

Project No. _____ Well ID MW-7 Date 4-22

Project Name/Location KC METRO Weather SUN

Measuring Pt. Description _____ Screen Setting (ft-bmp) _____ Casing Diameter (in.) 2" Well Material ✓PVC ___SS

Static Water Level (ft-btoc) 12.90 Total Depth (ft-btoc) _____ Water Column/ Gallons in Well _____ Initial PID Reading (ppm) 250

TOC Elevation _____ Pump Intake (ft-btoc) _____ Purge Method: _____ Sample Method _____

Pump On/Off _____ Volumes Purged _____ Centrifugal _____ Submersible _____ Other _____

Sample Time: Label _____ Start _____ End _____ Replicate/ Code No. NONE Sampled by MC GUIRE

Time	Minutes Elapsed	Rate (gpm) ~~(mL/min)~~	Depth to Water (ft)	Gallons Purged	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1350	0	200	12.90	0	5.78	809	—	0.76	11.7	155.9	Clear	X
1353	3	↓	—	600	5.79	786	—	0.60	11.6	155.7	1	1
1356	6	↓	—	1200	5.79	784	—	0.55	11.6	155.3	1	1
1359	9	↓	12.99	1800	5.98	784	—	0.53	11.6	154.9	1	1
SAMPLE @ 1410												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
D=S ~~TOTAL~~ LEAD / ARS	POLY		HNO3
~~Pb~~ LEAD (BAR	GLASS	2	ICE
(WIDTH	GLASS	2	ICE

Well Casing Volumes

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Well Location: N SIDE (S LOT)

Condition of Well: GOOD

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / (No)

Well Locked at Departure: Yes / (No)

Key Number To Well: _____

ARCADIS Groundwater Sampling Form

Project No. _____ Well ID MW-8A Date 4-23

Project Name/Location KC METRO Weather CLOUDY

Measuring Pt. Description TOC | Screen Setting (ft-bmp) — | Casing Diameter (in.) 2" | Well Material ☒ PVC ☐ SS

Static Water Level (ft-btoc) _____ | Total Depth (ft-btoc) — | Water Column/ Gallons in Well _____ | Initial PID Reading (ppm) _____

TOC Elevation _____ | Pump Intake (ft-btoc) — | Purge Method: LOW FLOW Centrifugal _____ Submersible _____ Other _____ | Sample Method GRAB

Pump On/Off 1010 / 1030 | Volumes Purged — | Sampled by MC GUIRE

Sample Time: Label 1020 Start _____ End 10 | Replicate/ Code No. NONE

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons Purged (mL)	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1010	0	200		0	6.69	59.1	—	1.61	11.2	117.3	clear	X
1013	3	↓		600	6.36	58.7	—	1.97	11.2	127.8	↓	↓
1016	6			1200	6.31	58.7	—	1.98	11.2	130.9	↓	↓
1019	9	↓		1800	6.27	59.6	—	1.99	11.2	132.5	↓	↓
SAMPLE @ 1020												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
DRO TOTAL LEAD / ARSENIC	POLY		HNO3
CPAH	GLASS		UN
FILTERED CPAH / NAPTH	GLASS		UN

Well Casing Volumes

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Well Location: SW CORNER / S LOT

Condition of Well: GOOD

Well Completion: (Flush Mount) / Stick Up

Well Locked at Arrival: Yes / (No)

Well Locked at Departure: Yes / (No)

Key Number To Well: _____

ARCADIS Groundwater Sampling Form

Page 1 of 1

Project No. _____ Well ID MW-19 Date 4-29

Project Name/Location KC METRO Weather SUN

Measuring Pt. Description TOC | Screen Setting (ft-bmp) — | Casing Diameter (in.) 2" | Well Material ☑ PVC ☐ SS

Static Water Level (ft-btoc) 12.18 | Total Depth (ft-btoc) — | Water Column/ Gallons in Well _____ | Initial PID Reading (ppm) 0.0

TOC Elevation _____ | Pump Intake (ft-btoc) — | Purge Method: Low Flow ☐ Centrifugal ☐ Submersible ☐ Other | Sample Method GRAB

Pump On/Off 0720 | Volumes Purged — |

Sample Time: Label 0820 Start _____ End _____ | Replicate/ Code No. NONE | Sampled by MC Gloss

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons Purged	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
0730	0	200	12.18	0	5.97	242.7	—	1.22	11.2	109.3	Clear	X
0733	3	↓	—	Low	6.11	231.6	—	1.19	11.1	120.1	—	—
0736	6		—	1250	6.13	227.9	—	1.11	11.1	122.9	—	—
0739	9	↓	12.26	1500	6.12	226.0	—	1.08	11.1	126.0	—	—
SAMPLE @ 0800												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
DF3 ~~TOTAL~~ LEAD (ARSENIC)	POLY		HNO3
cPAH	GLASS 250		UN
FILTERED cPAH	GLASS 250		UN

Well Casing Volumes

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Well Location: PARKING STRIP

Condition of Well: GOOD

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Key Number To Well: _____

GW Sampling Form 4.22/2013

ARCADIS Groundwater Sampling Form

Page 1 of 1

Project No. _____ Well ID MW-20 Date 4.2.13

Project Name/Location MC METRO Weather SUNNY

Measuring Pt. Description TOC Screen Setting (ft-bmp) — Casing Diameter (in.) 2" Well Material X PVC ___ SS

Static Water Level (ft-btoc) _____ Total Depth (ft-btoc) — Water Column/ Gallons in Well _____ Initial PID Reading (ppm) 3.3

TOC Elevation _____ Pump Intake (ft-btoc) — Purge Method: LOW FLOW Centrifugal _____ Submersible _____ Other _____ Sample Method GRAB

Pump On/Off _____ Volumes Purged —

Sample Time: Label 1330 Start _____ End _____ Replicate/ Code No. NONE Sampled by M. GUERRE

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons (mL) Purged	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1310	0	200		0	6.02	166.6	-	1.29	12.8	102.4	Clear	X
1313	3	↓		600	6.07	171.9	-	1.30	12.8	101.9	1	1
1316	6			1200	6.04	159.8	-	1.31	12.9	101.2	1	1
1319	9	↓		1800	6.02	166.7	-	1.31	12.9	100.3	1	1
SAMPLE @ 1330												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
PAHs TOTAL LEAD / DISSOLVED	POLY		HNO3
CPAH	GLASS		UN
FLUORIDE CPAH / NAPH	GLASS		UN

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location: PARKING STRIP SE

Condition of Well: GOOD

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Key Number To Well: _____

GW

ARCADIS Groundwater Sampling Form

Page 1 of 1

Project No. _____ Well ID MW-21 Date 4-23

Project Name/Location KC METRO Weather SUN

Measuring Pt. Description TOC | Screen Setting (ft-bmp) — | Casing Diameter (in.) 2" | Well Material X PVC ___ SS

Static Water Level (ft-btoc) 12.47 | Total Depth (ft-btoc) — | Water Column/ Gallons in Well — | Initial PID Reading (ppm) 0.0

TOC Elevation — | Pump Intake (ft-btoc) — | Purge Method: LOW FLOW Centrifugal ___ Submersible ___ Other ___ | Sample Method GRAB

Pump On/Off — | Volumes Purged — | Sampled by MC/JUSKO

Sample Time: Label 1420 Start ___ End ___ | Replicate/ Code No. —

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons Purged	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1410	0	200	12.47	0	6.19	388.1	—	1.39	12.5	90.5		
1413	3	↓	—	600	6.19	388.3	—	1.38	12.6	89.3		
1416	6	↓	—	1200	6.22	388.7	—	1.40	12.7	88.1		
1419	9	↓	12.60	1800	6.29	388.9	—	1.41	12.9	87.6		
SAMPLED @ 1420												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
D+S TOTAL LEAD/ ARSENIC	POLY		HNO3
CPAH	GLASS		UN
D+S CPAH	GLASS		UN

Well Casing Volumes

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Well Location: PARKING STRIP

Condition of Well: GOOD

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Key Number To Well: ___

ARCADIS Groundwater Sampling Form

Project No. _____ Well ID MW-25 Date 4-22

Project Name/Location MC METRO Weather SUN

Measuring Pt. Description TOC Screen Setting (ft-bmp) — Casing Diameter (in.) 4" Well Material ✓ PVC ___ SS

Static Water Level (ft-btoc) 12.30 Total Depth (ft-btoc) — Water Column/ Gallons in Well — Initial PID Reading (ppm) 0.0

TOC Elevation — Pump Intake (ft-btoc) — Purge Method: LOW FLOW Centrifugal Submersible Other Sample Method GRAB

Pump On/Off [illegible] Volumes Purged —

Sample Time: Label 1610 Start ___ End ___ Replicate/ Code No. NONE Sampled by MC GUIRE

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons Purged (mL)	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1600	0	200	12.30	0	5.85	472.3	—	0.70	12.1	169.9	clear	X
1603	3	↓	—	600	5.87	471.9	—	0.60	12.1	167.6	1	1
1606	6	↓	—	1200	5.88	471.3	—	0.57	12.1	166.8	1	1
1609	9	↓	12.36	1800	5.89	470.9	—	0.54	12.1	165.9	1	1

SAMPLE @ 1610

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
D+S TOTAL LEAD / ARS	POLY		HNO3
CPAH	GLASS		UH
D+S CPAH / NAPTH	↓		UH

Well Casing Volumes

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Well Location: S SIDE / SOUTH CURB Well Locked at Arrival: Yes / No

Condition of Well: GOOD Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up Key Number To Well:

ARCADIS Groundwater Sampling Form

Page 1 of 1

Project No. _____ Well ID MW-26 Date 4-22

Project Name/Location KC METRO Weather SUNNY

Measuring Pt. Description TOC | Screen Setting (ft-bmp) — | Casing Diameter (in.) 4" | Well Material ✓PVC ___SS

Static Water Level (ft-btoc) 11.90 | Total Depth (ft-btoc) — | Water Column/ Gallons in Well — | Initial PID Reading (ppm) 0.0

TOC Elevation _____ | Pump Intake (ft-btoc) — | Purge Method: LOW FLOW Centrifugal ___ Submersible ___ Other ___ | Sample Method GRAB

Pump On/Off 1515/1535 | Volumes Purged — | Sampled by MC GUSTAFS

Sample Time: Label ___ Start ___ End ___ | Replicate/ Code No. NONE

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft)	Gallons Purged (mL)	pH	Cond. (µMhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1515	0	200		0	5.62	431.9	-	1.53	11.8	186.2	CLEAR	X
1518	3	↓		600	5.54	430.2	-	1.59	11.8	192.7	1	1
1521	6	↓		1200	5.54	430.0	-	1.58	11.9	192.7	1	1
1524	7	↓		1800	5.59	430.0	-	1.60	11.7	191.5	1	1
SAMPLE @ 1530												

Constituents Sampled	Container	Number	Preservative
GRO	VOA		HCL
BTEX and MTBE	VOA		HCL
DRS TOTAL LEAD / DES	POLY		HNO3
CPAH	GLASS 250		UN
NAPTH	L		UN

Well Casing Volumes

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Well Location: S END S CCT

Condition of Well: GOOD

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / (No)

Well Locked at Departure: Yes / (No)

Key Number To Well: _____

ARCADIS

Appendix B

Laboratory Analytical Reports

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

May 07, 2013

Project: 1001327

Submittal Date: 04/25/2013
Group Number: 1385524
PO Number: 0015117901
Release Number: HARMON
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
MW-19 Grab Water	7034517
MW-19 Filtered Grab Water	7034518
MW-20 Grab Water	7034519
MW-20 Filtered Grab Water	7034520
AGI-2 Grab Water	7034521
AGI-2 Filtered Grab Water	7034522
MW-8A Grab Water	7034523
MW-8A Filtered Grab Water	7034524
MW-25 Grab Water	7034525
MW-25 Filtered Grab Water	7034526
MW-26 Grab Water	7034527
MW-26 Filtered Grab Water	7034528
MW-4 Grab Water	7034529
MW-4 Filtered Grab Water	7034530
MW-7 Grab Water	7034531
MW-7 Filtered Grab Water	7034532
MLU-1 Grab Water	7034533
MLU-1 Filtered Grab Water	7034534
MW-21 Grab Water	7034535
MW-21 Filtered Grab Water	7034536
DUP-1 Grab Water	7034537
DUP-1 Filtered Grab Water	7034538
TRIP BLANK NA Water	7034539

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

ELECTRONIC Arcadis Attn: Scott Zorn

COPY TO
ELECTRONIC COPY TO Arcadis Attn: Alan Kahal

Respectfully Submitted,

Jill M. Parker
Senior Specialist

(717) 556-7262

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: MW-19 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034517
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/24/2013 08:00 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW19-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13117WAC026	05/05/2013 04:25	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13117WAC026	04/28/2013 07:20	Katheryne V Sponheimer	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/26/2013 23:45	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/26/2013 23:45	Catherine J Schwarz	1

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

Analysis Report

Sample Description: MW-19 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034518
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/24/2013 08:00 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW19F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	N.D.	0.010	1
08357	2-Methylnaphthalene	91-57-6	N.D.	0.010	1
08357	Naphthalene	91-20-3	N.D.	0.030	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	0.42	0.42	1
06035	Lead	7439-92-1	0.13	0.073	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13117WAC026	05/05/2013 04:54	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13117WAC026	04/28/2013 07:20	Katheryne V Sponheimer	1
06025	Arsenic	SW-846 6020	1	131196050004A	05/01/2013 11:44	David K Beck	1
06035	Lead	SW-846 6020	1	131196050004A	05/01/2013 11:44	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131196050004	04/30/2013 08:20	James L Mertz	1

Sample Description: MW-20 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034519
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 13:30 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW20-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/06/2013 23:37	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/27/2013 00:12	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/27/2013 00:12	Catherine J Schwarz	1

Sample Description: MW-20 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034520
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 13:30 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW20F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	0.014	0.010	1
08357	2-Methylnaphthalene	91-57-6	0.019	0.010	1
08357	Naphthalene	91-20-3	0.039	0.031	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	1.4	0.42	1
06035	Lead	7439-92-1	N.D.	0.073	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 00:06	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131196050004A	05/01/2013 11:46	David K Beck	1
06035	Lead	SW-846 6020	1	131196050004A	05/01/2013 11:46	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131196050004	04/30/2013 08:20	James L Mertz	1

Sample Description: AGI-2 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034521
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 11:10 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWAG2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	0.015	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	0.015	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	5.1	0.5	1
02102	Ethylbenzene	100-41-4	5.9	0.5	1
02102	Toluene	108-88-3	1.1	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 00:36	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/27/2013 00:38	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/27/2013 00:38	Catherine J Schwarz	1

Sample Description: AGI-2 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034522
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 11:10 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWA2F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	0.37	0.010	1
08357	2-Methylnaphthalene	91-57-6	0.35	0.010	1
08357	Naphthalene	91-20-3	0.63	0.030	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	10.9	0.42	1
06035	Lead	7439-92-1	N.D.	0.073	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 01:05	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131196050004A	05/01/2013 10:59	David K Beck	1
06035	Lead	SW-846 6020	1	131196050004A	05/01/2013 10:59	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131196050004	04/30/2013 08:20	James L Mertz	1

Sample Description: MW-8A Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034523
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 10:20 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWM8A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 01:34	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13119A94A	04/29/2013 14:05	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13119A94A	04/29/2013 14:05	Catherine J Schwarz	1

Sample Description: MW-8A Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034524
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 10:20 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW8AF

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	N.D.	0.010	1
08357	2-Methylnaphthalene	91-57-6	N.D.	0.010	1
08357	Naphthalene	91-20-3	N.D.	0.030	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	N.D.	0.40	1
06035	Lead	7439-92-1	N.D.	0.047	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample
Additional sample volume received on 04/26/13 for Dissolved Lead and Arsenic.

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 02:03	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131196050002A	05/01/2013 08:24	Choon Y Tian	1
06035	Lead	SW-846 6020	1	131196050002A	05/01/2013 08:24	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131196050002	04/30/2013 08:09	James L Mertz	1

Sample Description: MW-25 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034525
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 16:10 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW25-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 02:33	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/27/2013 01:05	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/27/2013 01:05	Catherine J Schwarz	1

Sample Description: MW-25 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034526
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 16:10 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW25F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	N.D.	0.010	1
08357	2-Methylnaphthalene	91-57-6	N.D.	0.010	1
08357	Naphthalene	91-20-3	N.D.	0.031	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	0.90	0.42	1
06035	Lead	7439-92-1	N.D.	0.073	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 03:02	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131196050004A	05/01/2013 11:48	David K Beck	1
06035	Lead	SW-846 6020	1	131196050004A	05/01/2013 11:48	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131196050004	04/30/2013 08:20	James L Mertz	1

Sample Description: MW-26 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034527
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 15:30 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW26-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 03:31	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/27/2013 01:32	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/27/2013 01:32	Catherine J Schwarz	1

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Analysis Report

Sample Description: MW-26 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034528
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 15:30 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW26F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	N.D.	0.010	1
08357	2-Methylnaphthalene	91-57-6	N.D.	0.010	1
08357	Naphthalene	91-20-3	N.D.	0.031	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	N.D.	0.42	1
06035	Lead	7439-92-1	N.D.	0.073	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 04:00	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131196050004A	05/01/2013 11:49	David K Beck	1
06035	Lead	SW-846 6020	1	131196050004A	05/01/2013 11:49	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131196050004	04/30/2013 08:20	James L Mertz	1

Sample Description: MW-4 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034529
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 14:50 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWMW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 04:30	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/27/2013 01:58	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/27/2013 01:58	Catherine J Schwarz	1

Sample Description: MW-4 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034530
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 14:50 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWM4F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	N.D.	0.010	1
08357	2-Methylnaphthalene	91-57-6	N.D.	0.010	1
08357	Naphthalene	91-20-3	N.D.	0.030	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	N.D.	0.40	1
06035	Lead	7439-92-1	0.050	0.047	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 04:59	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131206050002A	05/02/2013 04:28	Choon Y Tian	1
06035	Lead	SW-846 6020	1	131206050002A	05/02/2013 04:28	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131206050002	05/01/2013 12:00	James L Mertz	1

Sample Description: MW-7 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034531
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 14:10 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWMW7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	0.019	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	0.011	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	0.012	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	0.016	0.010	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	31	0.5	1
02102	Ethylbenzene	100-41-4	82	0.5	1
02102	Toluene	108-88-3	4.5	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 05:28	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/27/2013 02:52	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/27/2013 02:52	Catherine J Schwarz	1

Sample Description: MW-7 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034532
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 14:10 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWM7F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	77	1.0	100
08357	2-Methylnaphthalene	91-57-6	130	1.0	100
08357	Naphthalene	91-20-3	340	3.0	100
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	5.3	0.40	1
06035	Lead	7439-92-1	0.85	0.047	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 05:57	Holly Berry	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 12:06	Joseph M Gambler	100
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131206050002A	05/02/2013 04:30	Choon Y Tian	1
06035	Lead	SW-846 6020	1	131206050002A	05/02/2013 04:30	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131206050002	05/01/2013 12:00	James L Mertz	1

Sample Description: MLU-1 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034533
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 13:30 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWML1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 06:27	Holly Berry	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/27/2013 02:25	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/27/2013 02:25	Catherine J Schwarz	1

Sample Description: MLU-1 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034534
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013 13:30 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWL1F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	N.D.	0.010	1
08357	2-Methylnaphthalene	91-57-6	N.D.	0.010	1
08357	Naphthalene	91-20-3	N.D.	0.030	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	N.D.	0.40	1
06035	Lead	7439-92-1	0.097	0.047	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 09:38	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131206050002A	05/02/2013 04:35	Choon Y Tian	1
06035	Lead	SW-846 6020	1	131206050002A	05/02/2013 04:35	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131206050002	05/01/2013 12:00	James L Mertz	1

Sample Description: MW-21 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034535
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 14:20 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW21-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	11	0.5	1
02102	Ethylbenzene	100-41-4	0.9	0.5	1
02102	Toluene	108-88-3	0.8	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 10:08	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13119A94A	04/29/2013 14:30	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13119A94A	04/29/2013 14:30	Catherine J Schwarz	1

Sample Description: MW-21 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034536
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 14:20 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NW21F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.011	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.011	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.011	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.011	1
08357	Chrysene	218-01-9	N.D.	0.011	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.011	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.011	1
08357	1-Methylnaphthalene	90-12-0	89	0.21	20
08357	2-Methylnaphthalene	91-57-6	24	0.21	20
08357	Naphthalene	91-20-3	1.3	0.032	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	11.6	0.40	1
06035	Lead	7439-92-1	N.D.	0.047	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 10:37	Joseph M Gambler	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 12:36	Joseph M Gambler	20
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131206050002A	05/02/2013 04:37	Choon Y Tian	1
06035	Lead	SW-846 6020	1	131206050002A	05/02/2013 04:37	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131206050002	05/01/2013 12:00	James L Mertz	1

Sample Description: DUP-1 Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034537
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWDU1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	0.015	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	0.013	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
02102	Benzene	71-43-2	4.2	0.5	1
02102	Ethylbenzene	100-41-4	3.9	0.5	1
02102	Toluene	108-88-3	1.4	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259
Carcinogenic PAHs have been reported for this sample

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 11:07	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
02102	Method 8021 Water Master	SW-846 8021B	1	13119A94A	04/29/2013 14:55	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13119A94A	04/29/2013 14:55	Catherine J Schwarz	1

Sample Description: DUP-1 Filtered Grab Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034538
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/23/2013 by SM

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

NWD1F

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	1-Methylnaphthalene	90-12-0	0.31	0.010	1
08357	2-Methylnaphthalene	91-57-6	0.25	0.010	1
08357	Naphthalene	91-20-3	0.60	0.030	1
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06025	Arsenic	7440-38-2	11.6	0.40	1
06035	Lead	7439-92-1	N.D.	0.047	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was field filtered for dissolved cPAHs, lead and arsenic.
Carcinogenic PAHs have been reported for this sample
Additional sample volume received on 04/26/13 for Dissolved Lead and Arsenic.

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
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	13116WAC026	05/07/2013 11:37	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	13116WAC026	04/27/2013 09:30	Seth A Farrier	1
06025	Arsenic	SW-846 6020	1	131196050002A	05/01/2013 08:42	Choon Y Tian	1
06035	Lead	SW-846 6020	1	131196050002A	05/01/2013 08:42	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	131196050002	04/30/2013 08:09	James L Mertz	1

Sample Description: TRIP BLANK NA Water
Facility# 1001327
1602 N Northlake Way - Seattle, WA

LLI Sample # WW 7034539
LLI Group # 1385524
Account # 11964

Project Name: 1001327

Collected: 04/22/2013

Submitted: 04/25/2013 09:30
Reported: 05/07/2013 20:52

Chevron
L4310
6001 Bollinger Canyon Road
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
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	Toluene	108-88-3	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	13115B53A	04/26/2013 15:47	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13115B53A	04/26/2013 15:47	Catherine J Schwarz	1

Quality Control Summary

Client Name: Chevron Group Number: 1385524
Reported: 05/07/13 at 08:52 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: 13116WAC026	Sample number(s): 7034519-7034538							
Benzo(a)anthracene	N.D.	0.010	ug/l	101	87	75-115	15	30
Benzo(a)pyrene	N.D.	0.010	ug/l	100	88	72-120	12	30
Benzo(b)fluoranthene	N.D.	0.010	ug/l	104	97	74-130	7	30
Benzo(k)fluoranthene	N.D.	0.010	ug/l	107	90	74-118	18	30
Chrysene	N.D.	0.010	ug/l	105	93	75-112	13	30
Dibenz(a,h)anthracene	N.D.	0.010	ug/l	104	85	66-122	20	30
Indeno(1,2,3-cd)pyrene	N.D.	0.010	ug/l	103	85	66-122	20	30
1-Methylnaphthalene	N.D.	0.010	ug/l	113	100	72-114	12	30
2-Methylnaphthalene	N.D.	0.010	ug/l	110	96	74-119	14	30
Naphthalene	N.D.	0.030	ug/l	108	95	67-118	13	30
Batch number: 13117WAC026	Sample number(s): 7034517-7034518							
Benzo(a)anthracene	N.D.	0.010	ug/l	99	101	75-115	2	30
Benzo(a)pyrene	N.D.	0.010	ug/l	98	100	72-120	2	30
Benzo(b)fluoranthene	N.D.	0.010	ug/l	109	112	74-130	2	30
Benzo(k)fluoranthene	N.D.	0.010	ug/l	103	104	74-118	1	30
Chrysene	N.D.	0.010	ug/l	102	104	75-112	2	30
Dibenz(a,h)anthracene	N.D.	0.010	ug/l	91	97	66-122	7	30
Indeno(1,2,3-cd)pyrene	N.D.	0.010	ug/l	94	98	66-122	4	30
1-Methylnaphthalene	N.D.	0.010	ug/l	110	111	72-114	1	30
2-Methylnaphthalene	N.D.	0.010	ug/l	106	108	74-119	1	30
Naphthalene	N.D.	0.030	ug/l	104	105	67-118	1	30
Batch number: 13115B53A	Sample number(s): 7034517,7034519,7034521,7034525,7034527,7034529,7034531,7034533,7034539							
Benzene	N.D.	0.5	ug/l	103	104	80-120	2	30
Ethylbenzene	N.D.	0.5	ug/l	105	106	80-120	1	30
Toluene	N.D.	0.5	ug/l	102	105	80-120	2	30
Batch number: 13119A94A	Sample number(s): 7034523,7034535,7034537							
Benzene	N.D.	0.5	ug/l	108	106	80-120	2	30
Ethylbenzene	N.D.	0.5	ug/l	104	103	80-120	2	30
Toluene	N.D.	0.5	ug/l	107	105	80-120	2	30
Batch number: 131196050002A	Sample number(s): 7034524,7034538							
Arsenic	N.D.	0.40	ug/l	108		80-120		
Lead	N.D.	0.047	ug/l	104		90-115		
Batch number: 131196050004A	Sample number(s): 7034518,7034520,7034522,7034526,7034528							
Arsenic	N.D.	0.42	ug/l	107		80-120		
Lead	N.D.	0.073	ug/l	104		90-115		
Batch number: 131206050002A	Sample number(s): 7034530,7034532,7034534,7034536							

*- 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: 1385524
Reported: 05/07/13 at 08:52 PM

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Arsenic	N.D.	0.40	ug/l	99		80-120		
Lead	N.D.	0.047	ug/l	102		90-115		

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: 131196050002A	Sample number(s): 7034524,7034538 UNSPK: P032283 BKG: P032283								
Arsenic	104	94	75-125	4	20	15.5	13.9	11	20
Lead	105	105	83-120	1	20	0.26	0.24	10 (1)	20
Batch number: 131196050004A	Sample number(s): 7034518,7034520,7034522,7034526,7034528 UNSPK: 7034522 BKG: 7034522								
Arsenic	71*	102	75-125	16	20	10.9	11.0	1	20
Lead	104	106	83-120	3	20	N.D.	N.D.	0 (1)	20
Batch number: 131206050002A	Sample number(s): 7034530,7034532,7034534,7034536 UNSPK: P034565 BKG: P034565								
Arsenic	119	104	75-125	9	20	5.4	6.0	10 (1)	20
Lead	108	104	83-120	4	20	N.D.	N.D.	0 (1)	20

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: PAHs in waters by SIM
Batch number: 13116WAC026

	Fluoranthene-d10	Benzo(a)pyrene-d12	1-Methylnaphthalene-d10
7034519	102	109	101
7034520	102	112	100
7034521	94	116	111
7034522	95	108	108
7034523	105	105	99
7034524	100	109	98
7034525	103	110	99
7034526	102	109	100
7034527	106	109	101
7034528	103	103	98
7034529	99	104	92
7034530	104	111	100
7034531	100	91	106
7034532	103	84	111
7034533	105	106	98
7034534	102	107	97
7034535	117	111	100

*- 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: 1385524
Reported: 05/07/13 at 08:52 PM

Surrogate Quality Control

7034536	102	112	103
7034537	91	105	106
7034538	92	110	109
Blank	105	117	103
LCS	108	118	107
LCSD	90	101	92
Limits:	64-120	62-141	58-134

Analysis Name: PAHs in waters by SIM
Batch number: 13117WAC026

	Fluoranthene-d10	Benzo(a)pyrene-d12	1-Methylnaphthalene-d10
7034517	97	103	92
7034518	98	104	94
Blank	96	102	93
LCS	98	107	100
LCSD	97	107	101
Limits:	64-120	62-141	58-134

Analysis Name: Method 8021 Water Master
Batch number: 13115B53A

	Trifluorotoluene-P
7034517	79
7034519	80
7034521	80
7034525	80
7034527	80
7034529	80
7034531	109
7034533	81
7034539	81
Blank	79
LCS	81
LCSD	81
Limits:	51-120

Analysis Name: Method 8021 Water Master
Batch number: 13119A94A

	Trifluorotoluene-P
7034523	91
7034535	84
7034537	90
Blank	90
LCS	90
LCSD	90
Limits:	51-120

*- 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: 1385524
Reported: 05/07/13 at 08:52 PM

*- 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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Acct. # 11964 Group # 1385524 Sample # 7034517-39
Instructions on reverse side correspond with circled numbers.

SCR #: _____

1 Client Information

Facility # WBS: B0045799.0006
Site Address: 1602 North Northlake Way, Seattle, WA
Chevron PM: Marlea Harmon
Lead Consultant: Rebecca Andresen
Consultant/Office: Arcadis/Seattle
Consultant Project Mgr.: Scott Zorn
Consultant Phone #: 206-726-4703/339-222-4873
Sampler: Seamas McGuire

4 Matrix

Sediment ☐ Soil ☐ | Ground ☐ Potable ☐ Water ☐ | Surface ☐ NPDES ☐ | Air ☐ Oil ☐

3 Grab / Composite

5 Analyses Requested

Total Number of Containers | BTEX + MTBE 8021 ☐ Naphth ☐ 8260 ☑ | 8260 full scan | Oxygenates ____ | NWTPH GX | NWTPH DX ☐ Silica Gel Cleanup ☐ | Lead Total ☐ Diss. ☐ Method ____ | WAVPH ☐ WAEPH ☐ | Dissolved Lead/Arsenic | cPAH | Dissolved cPAH/Naphthalenes

2 Sample Identification	Collected Date	Collected Time	Grab	Composite	Total Number of Containers	BTEX + MTBE 8021 / 8260	8260 full scan	Oxygenates	NWTPH GX	NWTPH DX	Silica Gel Cleanup	Lead Total / Diss. / Method	WAVPH / WAEPH	Dissolved Lead/Arsenic	cPAH	Dissolved cPAH/Naphthalenes
MW-19	4-24	0800	✓		8	✓								✓	✓	✓
MW-20	4-23	1330	✓		8	✓								✓	✓	✓
AGI-2	4-23	1110	✓		8	✓								✓	✓	✓
MW-8A	4-23	1020	✓		8	✓								✓	✓	✓
MW-25	4-22	1610	✓		8	✓								✓	✓	✓
MW-26	4-22	1530	✓		8	✓								✓	✓	✓
MW-4	4-22	1450	✓		7	✓								✓	✓	✓
MW-7	4-22	1410	✓		8	✓								✓	✓	✓
MLU-1	4-22	1330	✓		8	✓								✓	✓	✓
MW-21	4-23	1420*	✓		8	✓								✓	✓	✓
DUP-1	4-23	—	✓		8	✓								✓	✓	✓
TRIP BLANK	—	—	-	-	2	✓										

☐ 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

* PLEASE DO NOT ANALYZE FOR XYLENES
* Dissolved lead/arsenic & cPAHs have been field filtered.
* MW-4 had one bottle crack.
* MW-21 collection time is 1430, not 1420, per S.

7 Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | 72 hour | 48 hour | 24 hour

8 Data Package Options (please circle if required)

Type I - Full | Type VI (Raw Data)

Relinquished by	Date	Time	Received by	Date	Time
Seamas McGuire	4-24-13	1400			
Relinquished by	Date	Time	Received by	Date	Time

Relinquished by Commerical Carrier: UPS ____ FedEx X Other ____

Received by: [signature] Date: 4/25/13 Time: 930

Temperature Upon Receipt 2.1-3.6 °C

Custody Seals Intact? Yes / No

Chevron Northwest Region Analysis Request/Chain of Custody

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For Lancaster Laboratories use only
Acct. # 11964 Group # 1385524 Sample # 7034517-39
Instructions on reverse side correspond with circled numbers.

SCR #: _____

1 Client Information

Facility # 204579910006 WBS
Site Address: 1602 North Northgate Way, Seattle, WA
Chevron PM: Marley Harmon
Lead Consultant: Rebecca Andresen
Consultant/Office: Arcadis / Seattle
Consultant Project Mgr.: Scott Zorn
Consultant Phone #: 206-726-4703 / 314-222-1473
Sampler: Seamas McGuire

2 Sample Identification | Collected Date | Time | **3** Grab | Composite

4 Matrix: Soil ☐ | Sediment ☐ | Water: Potable ☐ Ground ☐ Surface ☐ NPDES ☐ | Oil ☐ | Air ☐

5 Analyses Requested: Total Number of Containers | BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ | 8260 full scan | Oxygenates ____ | NWTPH GX | NWTPH DX ☐ Silica Gel Cleanup ☐ | Lead Total ☐ Diss. ☐ Method ____ | WAVPH ☐ WAEPH ☐ | Dissolved lead / Arsenic

Sample Identification	Date	Time	Grab	Composite	Soil	Sediment	Water: Potable	Water: Ground	Water: Surface	Water: NPDES	Oil	Air	Total Number of Containers	BTEX + MTBE 8021 8260 Naphth	8260 full scan	Oxygenates	NWTPH GX	NWTPH DX Silica Gel Cleanup	Lead Total Diss. Method	WAVPH WAEPH	Dissolved lead / Arsenic
MW-8A	4-23	1620	✓										1								✓
DUP-1	4-23	-	✓										1								✓

6 Remarks

*Missing bottles from previous chain.

*Samples have been filtered.

☐ 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

7 Turnaround Time Requested (TAT) (please circle)
Standard | 5 day | 4 day | 72 hour | 48 hour | 24 hour

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

9

Relinquished by	Date	Time	Received by	Date	Time
[signature]	4-25-13	1406			
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Commerical Carrier: UPS ____ FedEx X Other ____			Received by [signature]	Date 4.26.13	Time 915
Temperature Upon Receipt 1.7 °C			Custody Seals Intact?	Yes	No

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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

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

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

ppb parts per billion

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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.