NW 0911

SAIC®

September 7, 2012

Mr. Christopher Maurer
Washington State Department of Ecology
Toxics Cleanup Program Headquarters
P.O. Box 47775
Olympia, Washington 98504-7775

Subject: **First Semiannual 2012 Groundwater Monitoring and Sampling Report**
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North
Seattle, Washington

Dear Mr. Maurer:

SAIC Energy, Environment & Infrastructure, LLC (SAIC), on behalf of Chevron Environmental Management Company (CEMC), prepared this letter summarizing the first semiannual 2012 groundwater monitoring and sampling event at former Texaco Service Station No. 211577 (the site) in Seattle, Washington (Figure 1).

FIELD ACTIVITIES

Gettler-Ryan Inc. (Gettler-Ryan) conducted the groundwater monitoring and sampling field event on May 7 and 8, 2012. Resampling of select monitoring wells took place on May 9, due to shipping delays and holding time restrictions. Gettler-Ryan collected depth-to-groundwater measurements and checked for the presence of separate-phase hydrocarbons (SPH) in 40 of 41 monitoring wells on site. Measurements were not collected from well MW-11 due to an obstruction in the well casing.

Groundwater samples were collected from 25 monitoring wells and submitted to Lancaster Laboratories for the following analyses:

- Total petroleum hydrocarbons (TPH) as gasoline-range organics (TPH-GRO) by Washington State Department of Ecology (Ecology) Method NWTPH-Gx;
- TPH as diesel-range organics (TPH-DRO) and TPH as heavy oil-range organics (TPH-HRO) by Ecology Method NWTPH-Dx extended with silica-gel cleanup; and
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260 B.

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Additional analyses were performed on 20 of these wells for the following monitored natural attenuation (MNA) evaluation parameters:

- Alkalinity by SM20 2320B;
- Iron and manganese by USEPA Method 6010B;
- Ferrous iron by SM 3500FeB;
- Sulfate, nitrate, and nitrite by USEPA Method 300.0; and
- Sulfide by SM20 4500S2D.

Field data sheets are provided in the Gettler-Ryan groundwater monitoring and sampling data package (Attachment A).

FINDINGS

During this event, groundwater elevation measurements ranged from 103.48 feet in monitoring well VP-9 to 67.16 feet in monitoring well MW-30, based on an arbitrary benchmark elevation of 100 feet. Groundwater elevation data from this event indicate that groundwater flow is toward the southwest at a gradient of approximately 0.016 to 0.26 feet per foot (Figure 2), and that groundwater elevation across the site increased by an average of 0.11 foot since the previous semiannual monitoring event in May 2011.

SPH were not detected in any of the wells monitored.

The following analytes were detected at concentrations exceeding the cleanup levels for this site:

- TPH-GRO were detected in monitoring wells MW-4 and MW-14;
- TPH-DRO were detected in monitoring well VP-4, MW-6, MW-9, MW-14, and DPE-6;
- TPH-HRO were detected in monitoring well VP-4; and
- Benzene was detected in monitoring wells MW-4, MW-21, and MW-33.

Historical groundwater elevation data and laboratory analytical results are summarized in Table 1, and MNA data are summarized in Table 2. The laboratory analysis report is provided as Attachment B.

DISCUSSION

Groundwater monitoring and sampling results from this event are generally consistent with historical data for this site. Dissolved-phase petroleum contamination (predominantly TPH-GRO and TPH-DRO) continues to be detected in a select number of monitoring wells that are scattered throughout the site. Collectively, historical groundwater sampling data indicate that the dual-phase extraction (DPE) remedial action was effective in significant reductions in benzene and TPH-GRO concentrations at the site, and that further reductions in petroleum constituent concentrations are continuing to occur through natural attenuation.

As agreed to by Ecology, the groundwater cleanup standards for this site are based on protection of surface water and aquatic organisms. Therefore, groundwater is currently in compliance with the cleanup goals for the site since all applicable cleanup levels are being met at downgradient "sentinel" wells located along the east side of Second Avenue West.

Gettler-Ryan is scheduled to perform the next groundwater monitoring and sampling event in October 2012. Groundwater monitoring and sampling was not performed at this site in October 2011 due to access issues on the former service station portion of the site.

If you have any questions regarding information presented in this report, please contact the SAIC Project Manager, Mr. Russ Shropshire, (425) 482-3323 or via email at russell.s.shropshire@saic.com.

Sincerely,

SAIC Energy, Environment & Infrastructure, LLC

Julie Wartes
Project Scientist

Enclosures:
Figure 1 – Vicinity Map
Figure 2 – Potentiometric Map
Table 1 – Groundwater Monitoring Data and Analytical Results
Table 2 – Groundwater Analytical Results for Monitored Natural Attenuation Parameters
Attachment A – Groundwater Monitoring and Sampling Data Package
Attachment B – Laboratory Analysis Report

cc: Mr. Eric Hetrick –CEMC
Mr. Paul McTaggard – Darco, Inc.
Mr. Gerry Pigotti – Monterey Apartments, LLC
Mr. Bert Hyde – Sound Earth Strategies
Project File

REPORT LIMITATIONS

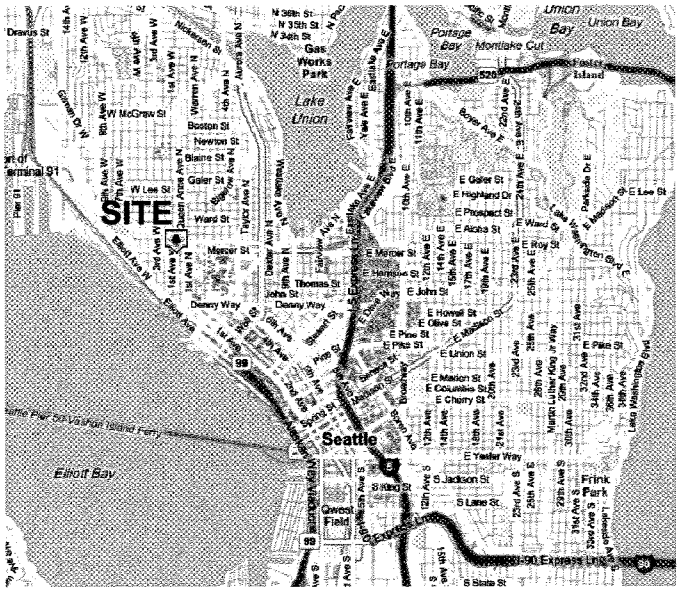
This technical document was prepared on behalf of Chevron and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by SAIC. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges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

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

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

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

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



Former Texaco Service Station No. 211577 631 Queen Anne Avenue North Seattle, Washington	FIGURE 1 Vicinity Map	
SAIC	FILE NAME: 211577 Vicinity Map.dwg	DATE: 8/22/2012

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WEST ROY STREET

2ND AVENUE WEST

1ST AVENUE WEST

QUEEN ANNE AVENUE NORTH

Chandler Hall Apartments

U-Park Parking Lot

Queen Anne Arms Apartments

Uptown Studios Apartments

Bank of America Parking Lot

Residences

Tup Tim Thai Restaurant

Bank of America

Del Roy Apartments

Monterey Apartments

Alvena Vista Apartments

Manhattan Express

Lindberg Apartments

18 Mercer Street Building

Retaining Wall

Remediation System Enclosure

MW-20 99.12
MW-35 70.22
MW-33 71.56
MW-34 67.35
MW-30 67.16
MW-31 67.42
MW-21 69.11
MW-32 90.89
MW-26 91.12
DB-9/MW-16 91.20
92.42 MW-25
DB-6/MW-14 91.39
DB-10/MW-17 90.89
DB-8/MW-15 91.03
MW-24 [103.10]
[103.48] VP-9
MW-9 95.39
MW-10 103.36
DB-2/MW-13 97.93
DPE-6 95.34
DPE-7 94.73
MW-6 94.62
DPE-5 [99.74]
DB-1/MW-12 [102.46]
MW-23 [100.62]
RW-2 95.23
RW-5 NM
RW-4 NM
RW-3 NM
DPE-4 91.65
DPE-9 92.13
VP-2 92.99
MW-4 91.54
DPE-8/MW-22 92.64
MW-18 91.52
DPE-1 91.63
VP-7/MW-3 91.35
DPE-2 91.94
VP-4 92.20
DPE-3 92.95
VP-8/MW-7 93.85
MW-19 91.48
VP-5/MW-5 91.88
MP-1 NM
NM MP-2
MW-11 NM

State of Washington 9/6/12 2633 Licensed Geologist
RUTH A. OTTEMAN

N

0 50' 100'

LEGEND:

MW-26	EXISTING 1" or 2" WELL LOCATION	70.00 — GROUNDWATER ELEVATION CONTOURS AT A 2 FOOT INTERVAL (DASHED WHERE INFERRED)
DPE-1	EXISTING 4" DIA. WELL LOCATION	[101.19] GROUNDWATER ELEVATION NOT USED IN CONTOUR MAP. MONITORING WELL LOCATED IN PERCHED ZONE
RW-2	EXISTING 6" or 8" DIA. RECOVERY WELL LOCATION	APPROXIMATE GROUNDWATER FLOW DIRECTION AT A GRADIENT OF 0.016 TO 0.26
— x —	FENCE	
— — —	STREET CENTER LINE	
92.13	GROUNDWATER ELEVATION IN FEET	
[92.13]	NOT INCLUDED IN POTENTIOMETRIC MAP	
NM	NOT MONITORED	

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Former Texaco Service Station No. 211577
631 Quenn Anne Avenue North
Seattle, Washington

FIGURE 2
Potentiometric Map
May 7 and 8, 2012

FILE NAME: 211577 Site Map.dwg
DATE: 9/6/2012

TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
VP-1													
06/14/00	103.03	--	--	--	--	**75,600**	<12,500	**5,000**	21.6	14.4	32.8	435	--
07/24/02	103.03	--	11.59	0.00	91.44	**18,000**	**1,500**	**35,000**	**120**	820	280	**4,600**	**22.9**
10/17-18/02	103.03	--	12.70	0.00	90.33	**7,500**	**598**[5]	**27,300**	**170**	756	334	**4,820**	**18.0**
01/21/03	103.03	--	12.70	0.00	90.33	**14,200**	**807**[5]	**36,700**	**90.5**	801	500	**6,630**	**47.1**
04/23-24/03	103.03	--	11.63	0.00	91.40	**2,830**	<500	**24,200**	**110**	136	225	**2,780**	**36.4**[13]
06/30-07/01/03	103.03	--	12.21	0.00	90.82	**20,200**	**1,750**	**8,000**[10]	**36.8**[10]	49.2[10]	47.1[10]	618[10]	13.2[13]
10/01-02/03	103.03	--	13.11	0.00	89.92	**40,000**	**6,300**	**7,600**	**56**	47	22	690	**31.2**[13]
01/21-23/04	103.03	--	12.21	0.00	90.82	**17,000**	**3,200**	**4,500**	11	6.2	<20	85	4.2[13]
04/29-30/04	103.03	--	11.87	0.00	91.16	**3,600**	**1,100**	**4,200**	**24**	3.6	9.8	85	2.6[13]
07/15-16/04	103.03	--	13.41	0.00	89.62	**1,050**[12]	<500	**1,880**	21.7	2.77	6.92	50.7	2.46[13]
08/03/04	103.03	--	12.71	0.00	90.32	--	--	--	--	--	--	--	--
10/28-11/01/04	103.03	--	12.84	0.00	90.19	**35,000**	**18,000**	**2,100**	**25**	5.5	7.6	97	--
01/24-31/05	103.03	--	12.38	0.00	90.65	**3,600**	**1,300**	670	5.2	0.8	1.4	13	--
04/18-21/05	103.03	--	12.09	0.00	90.94	**5,500**	**2,200**	340	<1.0	<0.5	0.7	5.2	--
07/27-28/05	103.03	--	12.38	0.00	90.65	--	--	--	--	--	--	--	--
11/08-10/05	103.03	--	13.48	--	89.55	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
02/22/06	103.03	--	10.89	0.00	92.14	--	--	--	--	--	--	--	--
04/17/06	103.03	--	12.10	0.00	90.93	--	--	--	--	--	--	--	--
WELL DECOMMISSIONED SEPTEMBER 2006													
VP-2													
12/15/99	104.72	--	--	--	--	**29,900**	<2,500	**5,980**	**935**	345	43.8	305	--
06/14/00	104.72	--	--	--	--	**2,810**	<1,000	**2,030**	**45.9**	16.2	<3.00	196	--
07/24/02	104.72	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
10/17-18/02	104.72	--	13.60	0.00	91.12	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/21/03	104.72	--	13.63	0.00	91.09	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/23-24/03	104.72	--	12.15	0.00	92.57	**12,100**	<250	**6,230**	**549**	42.6	106	**1,120**	1.52[13]
06/30-07/01/03	104.72	--	12.51	0.00	92.21	**35,900**	**1,380**	**3,330**	**180**	58.8	32.4	510	3.97[13]
10/01-02/03	104.72	--	14.12	0.00	90.60	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/21-23/04	104.72	--	13.06	0.00	91.66	**480,000**	<56,000	**1,700**	**69**	16	<10	210	5.3[13]
04/29-30/04	104.72	--	10.53	0.00	94.19	**850**	**2,200**	**6,400**	**1,500**	94	68	760	2.1[13]
07/15-16/04	104.72	--	13.52	0.00	91.20	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
08/03/04	104.72	--	13.66	0.00	91.06	--	--	--	--	--	--	--	--
10/28-11/01/04	105.11	--	14.18	0.00	90.93	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/24-31/05	105.11	--	13.51	0.00	91.60	**24,000**	**1,600**	640	23	3.6	5.3	57	--
04/18-21/05	105.11	--	13.20	0.00	91.91	**120,000**	**8,700**	<50	2.1	<0.5	<0.5	3.6	--

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TABLE 1

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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
VP-2 (cont.)													
07/27-28/05	105.11	--	13.75	0.00	91.36	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	105.11	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
02/22/06	105.11	--	12.02	0.00	93.09	--	--	--	--	--	--	--	--
04/17/06	105.11	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
10/17/06	105.11	--	14.66	0.00	90.45	--	--	--	--	--	--	--	--
04/17/07	105.11	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
12/04/07	105.11	--	14.70	0.00	90.41	--	--	--	--	--	--	--	--
04/28/08	105.11	--	14.65	0.00	90.46	--	--	--	--	--	--	--	--
11/03/08	105.11	--	14.76	0.00	90.35	--	--	--	--	--	--	--	--
04/13-16/09	105.11	--	13.88	0.00	91.23	--	--	--	--	--	--	--	--
10/12-15/09	105.11	--	14.47	0.00	90.64	--	--	--	--	--	--	--	--
04/19-22/10	105.11	--	12.25	0.00	92.86	--	--	--	--	--	--	--	--
01/17-20/11	105.11	--	11.58	0.00	93.53	--	--	--	--	--	--	--	--
05/10-12/11	105.11	--	11.97	0.00	93.14	--	--	--	--	--	--	--	--
05/07-08/12	105.11	--	12.12	0.00	92.99	--	--	--	--	--	--	--	--
VP-3/MW-2													
07/07/93	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
07/24/02	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
10/17-18/02	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/21/03	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/23-24/03	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
06/30-07/01/03	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
10/01-02/03	104.75	--	9.05	0.00	95.70	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/21-23/04	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/29-30/04	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
07/15-16/04	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
08/03/04	104.75	--	DRY	--	--	--	--	--	--	--	--	--	--
10/28-11/01/04	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/24-31/05	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/18-21/05	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
07/27-28/05	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/08-10/05	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/17/06	104.75	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
WELL DECOMMISSIONED SEPTEMBER 2006													

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TABLE 1

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VP-4													
06/13/00	103.35	--	--	--	--	**1,850**	<552	**26,400**	**1,020**	3,270	809	**6,160**	--
07/24/02	103.35	--	11.89	0.00	91.46	**78,000**	<9,700	**89,000**	**7,300**	7,500	1,900	**13,000**	**28.0**
10/17-18/02	103.35	12.75	12.78	0.03	90.59	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
01/21/03	103.35	12.61	12.71	0.10	90.72	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
04/23-24/03	103.35	11.72	11.75	0.03	91.62	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
06/30-07/01/03	103.35	12.31	12.34	0.03	91.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/01-02/03	103.35	13.26	13.29	0.03	90.08	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
01/21-23/04	103.35	12.34	12.37	0.03	91.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
04/29-30/04	103.35	--	12.21	0.00	91.14	**28,000**	<2,300	150	1.7	2.6	1	20	4.0[13]
07/15-16/04	103.35	--	12.62	0.00	90.73	**18,600**	**789**[5]	**32,200**	**2,230**	746	212	**3,710**	8.9[13]
08/03/04	103.35	--	12.91	0.00	90.44	--	--	--	--	--	--	--	--
10/28-11/01/04	103.35	--	12.98	0.00	90.37	**330,000**	<100,000	**48,000**	**2,500**	1,400	560	**5,400**	--
01/24-31/05	103.35	--	12.38	0.00	90.97	**110,000**	<9,500	**19,000**	**360**	750	89	**2,000**	--
04/18-21/05	103.35	--	12.14	0.00	91.21	**46,000**	<10,000	**2,800**	23	30	6.8	270	--
07/27-28/05	103.35	--	12.51	0.00	90.84	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	103.35	--	12.91	0.00	90.44	NOT SAMPLED		--	--	--	--	--	--
02/22/06	103.35	--	11.03	0.00	92.32	--	--	--	--	--	--	--	--
04/17/06	103.35	--	12.12	0.00	91.23	--	--	--	--	--	--	--	--
10/17/06	103.35	--	14.10	0.00	89.25	--	--	--	--	--	--	--	--
04/17/07	103.35	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
12/04/07	103.35	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08	103.35	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/03/08	103.35	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/13-16/09	103.35	--	12.89	0.00	90.46	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
10/12-15/09	103.35	--	13.30	0.00	90.05	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/19-22/10	103.35	--	11.32	0.00	92.03	**13,000**	**2,600**	640	2	0.7	0.8	6	--
01/17-20/11	103.35	--	10.92	0.00	92.43	**8,500**	**2,300**	350	0.7	<0.5	<0.5	3	--
05/10-12/11	103.35	--	10.91	0.00	92.44	**2,200**	**510**	280	1	<0.5	0.6	7	--
05/07-08/12	103.35	--	11.15	0.00	92.20	**19,000**	**3,200**	430	1	0.6	1	2	--
VP-5/MW-5													
11/03/86	103.21	--	15.15	0.00	88.06	--	--	--	--	--	--	--	--
09/90	102.92	--	13.49	0.00	89.43	--	--	--	--	--	--	--	--
03/26-28/91	102.91	--	12.58	0.00	90.33	--	--	--	**5,300**	1,300	900	**4,600**	--
07/07/93	102.91	--	12.29	0.00	90.62	--	--	--	--	--	--	--	--
12/15/99	102.91	--	--	--	--	**2,490**	<500	**23,400**	**841**	191	1,480	**7,720**	--
06/13/00	102.91	--	--	--	--	**1,340**	<1,120	**25,600**	**793**	155	1,380	**5,690**	--
07/24/02	102.63	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/17-18/02	102.63	--	12.31	0.00	90.32	**3,900**	<500	**15,900**	**318**	49.3	880	**1,870**	2.29

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
VP-5/MW-5 (cont.)													
01/21/03	102.63	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
04/23-24/03	102.63	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
06/30-07/01/03	102.63	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
10/01-02/03	102.63	--	12.81	0.00	89.82	**1,500**	270	**22,000**	**330**	76	1,000	**2,200**	2.4[13]
01/21-23/04	102.63	--	11.91	0.00	90.72	**1,500**	310	**19,000**	**310**	100	980	**1,600**	1.7[13]
04/29-30/04	102.63	--	11.80	0.00	90.83	**1,400**	400	**3,500**	**61**	13	190	180	<0.99[13]
07/15-16/04	102.63	--	12.22	0.00	90.41	<250	<500	**7,900**	**58.3**	18.4	384	475	<1.00[13]
08/03/04	102.63	--	12.52	0.00	90.11	--	--	--	--	--	--	--	--
10/28-11/01/04	102.63	--	12.57	0.00	90.06	**710**	<200	**19,000**	**98**	56	860	**1,600**	--
01/24-31/05	102.63	--	11.96	0.00	90.67	**910**	<250	**16,000**	**86**	60	770	**1,300**	--
04/18-21/05	102.63	--	11.75	0.00	90.88	**3,100**	<250	**12,000**	**39**	42	710	**1,200**	--
07/27-28/05	102.63	--	12.05	0.00	90.58	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	102.63	--	12.42	0.00	90.21	NOT SAMPLED		--	--	--	--	--	--
02/22/06	102.63	--	10.62	0.00	92.01	--	--	--	--	--	--	--	--
04/17/06	102.63	--	11.56	0.00	91.07	--	--	--	--	--	--	--	--
10/17/06	102.63	--	14.03	0.00	88.60	--	--	--	--	--	--	--	--
04/17/07	102.63	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
12/04/07	102.63	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08	102.63	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/04/08	102.63	--	14.30	0.00	88.33	160	<66	110	<0.5	<0.5	<0.5	0.8	--
04/13-16/09	102.63	--	13.56	0.00	89.07	**860**	130	99	<0.5	<0.5	0.7	2	--
10/12-15/09	102.63	--	12.92	0.00	89.71	**1,900**	**2,100**	380	1	0.6	0.9	2	--
04/19-22/10	102.63	--	11.02	0.00	91.61	200	<73	120	0.7	<0.5	<0.5	<0.5	--
01/17-20/11	102.63	--	10.47	0.00	92.16	140	360	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	102.63	--	10.58	0.00	92.05	310	<67	80	0.8	<0.5	<0.5	<0.5	--
05/07-08/12	102.63	--	10.75	0.00	91.88	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	--
VP-6													
NOT MONITORED/SAMPLED, REPLACED BY WELL DPE-1, SEE DPE-1 FOR VP-6 DATA													
VP-7/MW-3													
11/03/86	100.81	--	12.13	0.00	88.68	--	--	--	--	--	--	--	--
09/90	100.51	--	11.48	0.00	89.03	--	--	--	--	--	--	--	--
03/26-28/91	100.48	--	10.36	0.00	90.12	--	--	--	**3,700**	1,600	740	**3,500**	--
07/07/93	100.48	--	10.46	0.00	90.02	--	--	**20,000**	**4,700**	2,000	910	**3,600**	--
10/95	100.48	--	NM	--	--	--	--	**33,000**	**11,700**	2,330	1,070	**4,130**	--
01/97	100.48	--	NM	--	--	--	--	**51,000**	**12,400**	5,200	990	**5,200**	--
04/97	100.48	--	NM	--	--	--	--	**53,000**	**11,100**	4,800	1,400	**7,600**	--
07/97	100.48	--	NM	--	--	--	--	**37,000**	**11,000**	3,700	1,500	**7,100**	--
11/97	100.48	--	NM	--	--	--	--	**34,000**	**15,900**	3,600	1,500	**6,600**	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
VP-7/MW-3 (cont.)													
12/14/99	100.48	--	NM	--	--	**3,310**	<500	**73,400**	**16,800**	9,670	1,890	**10,500**	--
06/14/00	100.48	--	NM	--	--	**931**	<1,460	**54,400**	**10,000**	8,230	1,380	**7,470**	--
07/24/02	100.40	--	9.74	0.00	90.66	**5,800**	**580**	**60,000**	**8,200**	7,000	1,500	**8,300**	**25.0**
10/17-18/02	100.40	--	10.57	0.00	89.83	**5,160**	**510[5]**	**71,600**	**11,100**	5,880	1,940	**10,800**	2.40
01/21/03	100.40	--	10.29	0.00	90.11	**714[7]**	<500	**41,600**	**9,440**	1,470	1,360	**6,190**	<1.00
04/23-24/03	100.40	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
06/30-07/01/03	100.40	10.08	10.11	0.03	90.31	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/01-02/03	100.40	--	10.98	0.00	89.42	**3,800**	**520**	**61,000**	**10,000**	4,500	2,000	**10,000**	1.8[13]
01/21-23/04	100.40	--	10.09	0.00	90.31	<250	<250	**1,700**	**660**	69	70	350	<1.2[13]
04/29-30/04	100.40	--	9.96	0.00	90.44	<800	<1,000	<50	**28**	1.7	1.8	6.0	<0.99[13]
07/15-16/04	100.40	--	10.38	0.00	90.02	342	<500	**36,800**	**9,900**	985	1,270	**2,770**	<1.00[13]
08/03/04	100.40	--	10.66	0.00	89.74	--	--	--	--	--	--	--	--
10/28-11/01/04	100.40	--	10.76	0.00	89.64	**850**	<1,000	100	**250**	<0.5	<0.5	1.6	--
01/24-31/05	100.40	--	10.13	0.00	90.27	390	<250	**21,000**	**4,900**	1,900	890	**3,200**	--
04/18-21/05	100.40	--	9.97	0.00	90.43	**4,000**	<580	**26,000**	**5,800**	760	1,300	**5,100**	--
07/27-28/05	100.40	--	10.28	0.00	90.12	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	100.40	--	10.57	0.00	89.83	NOT SAMPLED		--	--	--	--	--	--
02/22/06	100.40	--	9.89	0.00	90.51	--	--	--	--	--	--	--	--
04/17/06	100.40	--	9.94	0.00	90.46	--	--	--	--	--	--	--	--
10/17/06	100.40	--	12.31	0.00	88.09	--	--	--	--	--	--	--	--
04/17/07	100.40	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
12/04/07	100.40	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08	100.40	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/03/08	100.40	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/13-16/09	100.40	--	10.86	0.00	89.54	--	--	--	--	--	--	--	--
10/12-15/09	100.40	--	11.17	0.00	89.23	--	--	--	--	--	--	--	--
04/19-22/10	100.40	--	9.31	0.00	91.09	--	--	--	--	--	--	--	--
01/17-20/11	100.40	--	8.79	0.00	91.61	--	--	--	--	--	--	--	--
05/10-12/11	100.40	--	8.93	0.00	91.47	--	--	--	--	--	--	--	--
05/07-08/12	100.40	--	9.05	0.00	91.35	--	--	--	--	--	--	--	--
VP-8/MW-7													
11/03/86	105.33	Trace	14.22	0.00	91.11	--	--	--	--	--	--	--	--
09/90	104.88	--	13.3	0.00	91.58	--	--	--	--	--	--	--	--
03/26-28/91	104.88	--	12.02	0.00	92.86	--	--	--	**280**	510	130	**1,100**	--
07/07/93	104.88	--	12.23	0.00	92.65	--	--	**7,000**	**220**	210	61	480	--
10/95	104.88	--	NM	--	--	--	--	**3,100**	2.5	1.2	3	16	--
01/97	104.88	--	NM	--	--	--	--	**8,000**	**816**	824	26	594	--
04/97	104.88	--	NM	--	--	--	--	**18,000**	**605**	786	119	**1,774**	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[5] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
VP-8/MW-7 (cont.)													
07/97	104.88	--	NM	--	--	--	--	**9,100 J**	**96**	246	52	980	--
11/97	104.88	--	NM	--	--	--	--	**830 J**	5.6	7	11	32.6	--
12/15/99	104.88	--	NM	--	--	**2,780**	<500	**7,640**	**540**	927	201	**1,430**	--
06/13/00	104.88	--	NM	--	--	**2,280**	<1,100	233	1.10	1.81	1.95	7.99	--
07/24/02	104.88	--	11.70	0.00	93.18	**1,800**	420	**1,500**	9.4	9.2	34	50	11.4
10/17-18/02	104.88	--	12.78	0.00	92.10	**1,830**	<500	552	9.75	1.45	4.25	5.73	1.93
01/21/03	104.88	--	12.63	0.00	92.25	**1,120**	<500	**1,910**	**139**	291	59.1	216	8.33
04/23-24/03	104.88	--	10.72	0.00	94.16	**800**	<500	700	**65.6**	35.7	22.9	69.8	3.73[13]
06/30-07/01/03	104.88	--	12.45	0.00	92.43	**939**	<500	379	2.68	1.57	3.70	4.69	2.06[13]
10/01-02/03	104.88	--	13.49	0.00	91.39	**19,000**	**2,100**	290	3.4	1.2	5.8	11	2.4[13]
01/21-23/04	104.88	--	12.16	0.00	92.72	**3,400**	**620**	89	<0.5	<0.5	<0.5	<1.5	3.2[13]
04/29-30/04	104.88	--	11.91	0.00	92.97	**620**	<250	460	0.6	<0.5	1.6	<3.0	<0.99[13]
07/15-16/04	104.88	--	12.76	0.00	92.12	**528**	<500	430	0.985	<0.500	1.50	2.40	<1.00[13]
08/03/04	104.88	--	12.94	0.00	91.94	--	--	--	--	--	--	--	--
10/28-11/01/04	104.88	--	13.09	0.00	91.79	**130,000**	<20,000	210	2.7	0.7	2.6	9.9	--
01/24-31/05	104.88	--	12.49	0.00	92.39	<250	<250	450	5.1	9.9	3.2	21	--
04/18-21/05	104.88	--	12.30	0.00	92.58	<250	<250	240	0.9	<0.5	6.2	4.7	--
07/27-28/05	104.88	--	12.59	0.00	92.29	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	104.88	--	13.12	0.00	91.76	NOT SAMPLED		--	--	--	--	--	--
02/22/06	104.88	--	11.05	0.00	93.83	--	--	--	--	--	--	--	--
04/17/06	104.88	--	12.40	0.00	92.48	--	--	--	--	--	--	--	--
08/08/06	104.88	--	14.00	0.00	90.88	--	--	380	<2.0	0.9	2.8	6.5	--
04/17-18/07	104.88	--	15.21	0.00	89.67	--	--	270	1.8	0.8	1.1	2.9	--
12/04/07	104.88	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28-29/08	104.88	--	15.23[16]	0.00	89.65	<76	<95	390	<0.5	<0.5	<0.5	<0.5	--
12/11/08[17]	104.88	--	13.98	0.00	90.90	71	<74	370	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	104.88	--	12.45	0.00	92.43	180	<71	**1,100**	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	104.88	--	13.10	0.00	91.78	89	<70	200	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	104.88	--	11.15	0.00	93.73	**970**	210	190	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	104.88	--	10.28	0.00	94.60	460	**660**	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	104.88	--	10.71	0.00	94.17	140	<69	220	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	104.88	--	11.03	0.00	93.85	76	<72	<50	<0.5	<0.5	<0.5	<0.5	--
VP-9													
12/15/99	112.35	--	--	--	--	<250	<500	118	<0.500	<0.500	<0.500	<1.00	--
06/14/00	112.35	--	--	--	--	**1,420**	<1,130	474	4.97	<1.30	55.6	4.48	--
07/24/02	112.35	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/17-18/02	112.35	--	11.90	0.00	100.45	**13,200**	**786**[5]	**1,910**	11.3	2.62	8.86	14.7	<1.00

SAIC

TABLE 1

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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
VP-9 (cont.)													
01/21/03	112.35	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/23-24/03	112.35	--	8.28	0.00	104.07	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
06/30-07/01/03	112.35	--	9.74	0.00	102.61	<250	<500	681	1.22	0.735	5.07	3.28	<1.00[13]
10/01-02/03	112.35	--	11.72	0.00	100.63	**5,400**	**1,300**	**1,600**	5.3	1.4	2.3	<10	--[14]
01/21-23/04	112.35	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/29-30/04	112.35	--	9.58	0.00	102.77	**1,500**	**<1,000**	750	0.8	<0.5	13	<1.5	<0.99[13]
07/15-16/04	112.35	--	11.15	0.00	101.20	259	<500	**1,270**	1.67	0.699	2.79	5.77	<1.00[13]
08/03/04	112.35	--	12.50	0.00	99.85	--	--	--	--	--	--	--	--
10/28-11/01/04	112.35	--	9.82	0.00	102.53	<800	<1,000	610	<0.5	<0.5	<0.5	<1.5	--
01/24-31/05	112.35	--	10.30	0.00	102.05	<250	<250	100	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	112.35	--	9.00	0.00	103.35	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	112.35	--	9.77	0.00	102.58	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	112.35	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
02/22/06	112.35	--	9.38	0.00	102.97	--	--	--	--	--	--	--	--
04/17/06	112.35	--	9.10	0.00	103.25	--	--	--	--	--	--	--	--
04/28/08	112.35	--	7.94	0.00	104.41	--	--	--	--	--	--	--	--
11/03/08	112.35	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/13-16/09	112.35	--	8.11	0.00	104.24	--	--	--	--	--	--	--	--
10/12-15/09	112.35	--	9.71	0.00	102.64	--	--	--	--	--	--	--	--
04/19-22/10	112.35	--	9.07	0.00	103.28	--	--	--	--	--	--	--	--
01/17-20/11	112.35	--	9.09	0.00	103.26	--	--	--	--	--	--	--	--
05/10-12/11	112.35	--	8.83	0.00	103.52	--	--	--	--	--	--	--	--
05/07-08/12	112.35	--	8.87	0.00	103.48	--	--	--	--	--	--	--	--
MW-4													
11/03/86	102.38	--	13.55	0.00	88.83	--	--	--	--	--	--	--	--
09/90	102.08	--	12.87	0.00	89.21	--	--	--	--	--	--	--	--
03/26-28/91	102.08	--	11.78	0.00	90.30	--	--	--	**10,000**	12,000	500	**9,800**	--
10/95	102.08	--	--	--	--	--	--	**95,000**	**19,600**	12,000	2,070	**10,800**	--
01/97	102.08	--	--	--	--	--	--	**88,000**	**12,900**	12,400	1,400	**10,600**	--
04/97	102.08	--	--	--	--	--	--	**100,000**	**14,300**	14,500	1,700	**11,000**	--
07/97	102.08	--	--	--	--	--	--	**120,000**	**19,600**	**19,700**	2,100	**13,100**	--
11/97	102.08	--	--	--	--	--	--	**89,000**	**17,500**	16,000	1,900	**12,200**	--
12/15/99	102.08	--	--	--	--	**3,340**	<500	**73,300**	**13,700**	13,500	1,830	**11,000**	--
06/14/00	102.08	--	--	--	--	**3,390**	<1,240	**74,400**	**14,400**	9,440	1,840	**10,800**	--
07/24/02	102.07	--	11.18	0.00	90.89	**10,000**	**680**	**83,000**	**11,000**	9,900	1,800	**11,000**	**15.5**
10/17-18/02	102.07	--	11.98	0.00	90.09	**9,860**	**697[5]**	**110,000**	**14,500**	11,600	2,630	**15,200**	10.7
10/17-18/02 (D)	102.07	--	--	--	--	**7,100**	<500	**92,400**	**12,400**	9,980	2,090	**12,200**	9.61
01/21/03	102.07	--	11.81	0.00	90.26	**2,540[8]**	<500	**80,000**	**10,700**	10,100	1,920	**11,700**	14.5

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-4 (cont.)													
04/23-24/03	102.07	--	11.03	0.00	91.04	**1,680**	<500	**79,300**	**8,990**	7,350	1,780	**10,300**	5.74[13]
06/30-07/01/03	102.07	--	11.55	0.00	90.52	**3,910**	<500	**108,000**	**12,100**	11,200	2,630	**15,300**	7.85[13]
10/01-02/03	102.07	--	12.46	0.00	89.61	**3,800**	<500	**100,000**	**9,700**	11,000	2,000	**12,000**	7.1[13]
01/21-23/04	102.07	--	11.59	0.00	90.48	**62,000**	**2,800**	**93,000**	**11,000**	10,000	1,800	**12,000**	6.7[13]
04/29-30/04	102.07	--	11.48	0.00	90.59	**13,000**	**610**	**80,000**	**8,900**	8,200	1,600	**11,000**	14.3[13]
07/15-16/04	102.07	--	11.88	0.00	90.19	**943**	<500	**100,000**	**10,300**	7,600	2,090	**13,300**	9.06[13]
08/03/04	102.07	--	12.09	0.00	89.98	--	--	--	--	--	--	--	--
10/28-11/01/04	102.07	--	12.26	0.00	89.81	**7,500**	<1,000	**71,000**	**9,000**	5,900	2,000	**12,000**	--
01/24-31/05	102.07	--	11.68	0.00	90.39	**1,500**	<250	**56,000**	**8,900**	5,100	1,700	**9,600**	--
04/18-21/05	102.07	--	11.47	0.00	90.60	**3,700**	<510	**64,000**	**9,200**	6,800	2,000	**12,000**	--
07/27-28/05	102.07	--	11.73	0.00	90.34	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	102.07	--	12.12	0.00	89.95	NOT SAMPLED		--	--	--	--	--	--
02/22/06	102.07	--	10.38	0.00	91.69	--	--	--	--	--	--	--	--
04/17/06	102.07	--	11.59	0.00	90.48	--	--	--	--	--	--	--	--
08/08/06	102.07	--	13.37	0.00	88.70	--	--	**23,000**	**1,500**	870	750	**4,400**	--
08/19/06	102.07	13.72	13.78	0.06	88.34	--	--	--	--	--	--	--	--
10/17/06	102.07	--	13.92	0.00	88.15	--	--	--	--	--	--	--	--
04/17-18/07	102.07	--	15.65	0.00	86.42	210	<94	650	**280**	7.7	66	22	--
12/04/07	102.07	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08	101.95	--	17.21[16]	0.00	84.74	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/10/08	101.95	--	13.85	0.00	88.10	**2,300**	67	150	9	<0.5	<0.5	<0.5	--
04/13-16/09	101.95	--	12.23	0.00	89.72	**9,700**	<340	**1,500**	22	0.7	0.6	4	--
10/12-15/09	101.95	--	12.48	0.00	89.47	**11,000**	<720	**3,100**	**25**	2	3	8	--
04/19-22/10	101.95	--	10.60	0.00	91.35	**7,200**	**680**	**1,400**	**550**	3	8	8	--
01/17-20/11	101.95	--	10.07	0.00	91.88	**4,300**	**1,800**	**1,600**	**25**	0.7	2	2	--
05/10-12/11	101.95	--	10.19	0.00	91.76	**8,100**	**1,100**	**3,100**	**52**	2	3	6	--
05/07-08/12	101.95	--	10.41	0.00	91.54	250	<68	**1,900**	**25**	0.8	2	3	--
MW-6													
11/03/86	113.71	22.03	24.29	2.26	91.23	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
09/90	113.38	21.14	21.95	0.81	92.08	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
03/26-28/91	113.38	20.55	21.22	0.67	92.70	--	--	--	**25,000**	**29,000**	2,500	**19,000**	--
06/25/93	113.38	--	21.00	0.00	92.38	--	--	--	--	--	--	--	--
07/07/93	113.38	20.70	22.30	1.60	92.36	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/95	113.38	--	NM	--	--	--	--	**62,000**	**12,000**	13,800	920	**5,690**	--
01/97	113.38	--	NM	--	--	--	--	**54,000**	**7,290**	12,400	2,340	**19,800**	--
07/24/02	113.32	--	19.76	0.00	93.56	**29,000**	<10,000	**31,000**	**8,900**	1,600	820	**4,200**	5.1
10/17-18/02	113.32	20.64	20.69	0.05	92.67	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
01/21/03	113.32	21.71	21.74	0.03	91.60	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-6 (cont.)													
04/23-24/03	113.32	20.88	20.91	0.03	92.43	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
06/30-07/01/03	113.32	21.38	21.41	0.03	91.93	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/01-02/03	113.32	23.04	23.07	0.03	90.27	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
01/21-23/04	113.32	INACCESSIBLE - JUNKED VEHICLE OVER WELL				--	--	--	--	--	--	--	--
04/29-30/04[11]	113.32	20.20	20.22	0.02	93.12	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
07/15-16/04	113.32	--	20.48	0.00	92.84	**3,800**	<500	**46,600**	**9,610**	3,190	758	**3,060**	1.69[13]
08/03/04	113.32	--	20.65	0.00	92.67	--	--	--	--	--	--	--	--
10/28-11/01/04	113.32	--	20.93	0.00	92.39	**9,200**	<96	**24,000**	**8,600**	2,800	690	**3,100**	--
01/24-31/05	113.32	--	20.38	0.00	92.94	**11,000**	<480	**5,600**	**220**	60	110	310	--
04/18-21/05	113.32	--	20.31	0.00	93.01	**7,700**	<1,000	**3,600**	**1,000**	120	110	360	--
07/27-28/05	113.32	--	20.39	0.00	92.93	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	113.32	--	20.79	0.00	92.53	--	--	--	--	--	--	--	--
02/22/06	113.32	--	19.49	0.00	93.83	--	--	--	--	--	--	--	--
04/17/06	113.32	--	26.22	0.00	87.10	--	--	--	--	--	--	--	--
08/09/06	113.32	--	25.85	0.00	87.47	**14,000**	<2,300	**15,000**	**1,900**	1,000	590	**1,700**	--
10/17/06	113.32	--	27.06	0.00	86.26	--	--	--	--	--	--	--	--
04/17/07	113.32	--	27.12	0.00	86.20	--	--	--	--	--	--	--	--
12/04/07	113.32	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28-05/01/08	113.12	--	22.28	0.00	90.84	**8,600**	**1,200**	360	3	0.7	5	3	--
11/10/08	113.12	--	20.93	0.00	92.19	**3,200**	<660	<50	0.6	<0.5	<0.5	<0.5	--
11/10/08 (D)	113.12	--	--	--	--	**3,200**	<660	<50	0.6	<0.5	<0.5	<0.5	--
04/13-16/09	113.12	--	20.18	0.00	92.94	**26,000**	**3,000**	**1,100**	**31**	0.8	<0.5	2	--
04/13-16/09 (D)	113.12	--	--	--	--	--	--	**1,000**	**30**	0.8	2	3	--
10/12-15/09	113.12	--	20.28	0.00	92.84	**5,100**	<660	**1,200**	16	1	0.5	2	--
10/12-15/09 (D)	113.12	--	--	0.00	--	--	--	**1,200**	16	0.9	<0.5	1	--
04/19-22/10	113.12	--	18.83	0.00	94.29	--[9]	--[9]	630	20	0.7	<0.5	0.6	--
04/19-22/10 (D)	113.12	--	--	--	--	--	--	650	**24**	0.9	0.6	1	--
01/17-20/11	113.12	--	18.24	0.00	94.88	**12,000**	**4,600**	90	4	<0.5	<0.5	<0.5	--
01/17-20/11 (D)	113.12	--	--	--	--	--	--	130	3	<0.5	<0.5	<0.5	--
05/10-12/11	113.12	--	18.32	0.00	94.80	**12,000**	**1,500**	600	12	0.7	1	0.9	--
05/10-12/11 (D)	113.12	--	--	--	--	--	--	560	12	0.6	1	0.9	--
05/07-08/12	113.12	--	18.50	0.00	94.62	**540**	<70	250	1	<0.5	<0.5	<0.5	--
05/07-08/12 (D)	113.12	--	--	--	--	--	--	<50	0.7	<0.5	<0.5	<0.5	--
MW-6-FB													
11/10/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	--	--	--	--	--	--	--	<50	<0.5	0.9	<0.5	<0.5	--
05/10-12/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-9													
11/03/86	114.65	--	22.56	0.00	92.09	--	--	--	--	--	--	--	--
09/90	114.40	--	21.28	0.00	93.12	--	--	--	--	--	--	--	--
03/26-28/91	114.65	20.44	20.61	0.17	94.18	--	--	--	**1,600**	2,900	250	**3,100**	--
06/25/93	114.65	--	20.12	0.00	94.53	--	--	--	--	--	--	--	--
07/07/93	114.65	--	20.11	0.00	94.54	--	--	--	--	--	--	--	--
10/95	114.65	--	--	--	--	--	--	**3,400**	**3,520**	70 J	<200	312 J	--
01/97	114.65	--	--	--	--	--	--	**4,400**	**2,600**	53	310	285	--
04/97	114.65	--	--	--	--	--	--	**9,100**	**2,980**	173	413	674	--
07/97	114.65	--	--	--	--	--	--	**2,200 J**	**2,680**	127	460	620 J	--
11/97	114.65	--	--	--	--	--	--	**5,000**	**2,010**	80	334	400	--
12/15/99	114.65	--	--	--	--	**8,510**	<500	**4,460**	**831**	22.4	274	138	--
06/14/00	114.65	--	--	--	--	**6,070**	<500	**4,740**	**786**	26.0	274	156	--
10/17-18/02	114.27	--	20.88	0.00	93.39	**43,600**	**671**[5]	**6,380**	**493**	13.0	230	107	2.66
01/21/03	114.27	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/23-24/03	114.27	--	20.04	0.00	94.23	**3,680**	<500	**6,760**	**388**	15.9	277	105	1.31[13]
06/30-07/01/03	114.27	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/01-02/03	114.27	--	21.26	0.00	93.01	**33,000**	<5,000	**3,500**	**110**	30	100	<100	3.9[13]
01/21-23/04	114.27	--	20.36	0.00	93.91	**100,000**	<5,100	**2,300**	7.2	2.4	45	19	5.5[13]
04/29-30/04	114.27	--	20.38	0.00	93.89	**92,000**	<5,000	**1,200**	2.0	1.2	10	7.8	4.8[13]
07/15-16/04	114.27	--	20.71	0.00	93.56	**2,540**	<500	**9,540**	3.84	10.4	25.9	31.6	2.54[13]
08/03/04	114.27	--	20.92	0.00	93.35	--	--	--	--	--	--	--	--
10/28-11/01/04	114.27	--	21.22	0.00	93.05	**3,900**	420	300	1.4	0.5	1.9	<3.0	--
01/24-31/05	114.27	--	20.66	0.00	93.61	**140,000**	<5,300	730	1.7	<1.0	2.7	<6.0	--
04/18-21/05	114.27	--	20.59	0.00	93.68	**14,000**	<630	480	1.4	<1.0	5.7	3.1	--
07/27-28/05	114.27	--	20.65	0.00	93.62	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	114.27	--	21.29	0.00	92.98	NOT SAMPLED		--	--	--	--	--	--
02/22/06	114.27	--	19.75	0.00	94.52	--	--	--	--	--	--	--	--
04/17/06	114.27	--	22.55	0.00	91.72	--	--	--	--	--	--	--	--
08/09/06	114.27	--	22.80	0.00	91.47	**2,700**	<540	450	**66**	1.9	0.8	47	--
10/17/06	114.27	--	24.12	0.00	90.15	--	--	--	--	--	--	--	--
04/17/07	114.27	--	23.37	0.00	90.90	--	--	--	--	--	--	--	--
12/04-05/07	114.27	--	23.15	0.00	91.12	**2,200**	280	<50	<0.5	<0.5	<0.5	<1.5	--
05/01/08	114.27	--	NOT SAMPLED, FILLED WITH MUD				--	--	--	--	--	--	--
11/10/08	114.27	--	21.29	0.00	92.98	**2,000**	97	130	0.5	<0.5	<0.5	<0.5	--
04/13-16/09	114.27	--	24.60	0.00	89.67	**1,100**	69	160	0.7	<0.5	<0.5	<0.5	--

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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[4] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-9 (cont.)													
10/12-15/09	114.27	--	20.67	0.00	93.60	**960**	<66	83	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	114.27	--	19.04	0.00	95.23	**1,200**	190	130	1	<0.5	<0.5	<0.5	--
01/17-20/11	114.27	--	18.65	0.00	95.62	**6,400**	**1,400**	280	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	114.27	--	18.68	0.00	95.59	**2,200**	260	160	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	114.27	--	18.88	0.00	95.39	**1,500**	<67	230	<0.5	<0.5	<0.5	<0.5	--
MW-10													
11/03/86	115.75	--	14.84	0.00	100.91	--	--	--	--	--	--	--	--
09/90	115.49	--	14.75	0.00	100.74	--	--	--	--	--	--	--	--
03/26-28/91	115.75	--	13.14	0.00	102.61	--	--	--	<5	<5	<5	<5	--
03/26-28/91(D)	115.75	--	--	--	--	--	--	--	<5	<5	<5	<5	--
06/25/93	115.75	--	13.63	0.00	102.12	--	--	--	--	--	--	--	--
07/07/93	115.75	--	13.81	0.00	101.94	--	--	380	13	<5.0	11	24	--
10/95	115.75	--	--	--	--	--	--	780	1.8	2.9	0.82 J	5.6	--
01/97	115.75	--	--	--	--	--	--	180	1.5	<1	<1	<2	--
04/97	115.75	--	--	--	--	--	--	420	5.1	1	<1	2.0 J	--
07/97	115.75	--	--	--	--	--	--	**1,100**	10	2.1	2.4	4.34 J	--
11/97	115.75	--	--	--	--	--	--	**1,000**	4.2	2	4.8	2.2 J	--
09/09/99	115.75	--	13.36	0.00	102.39	--	--	--	--	--	--	--	--
12/15/99	115.75	--	--	--	--	353	<500	618	7.02	<0.910	<0.850	<4.22	--
06/14/00	115.75	--	--	--	--	<250	<500	99.2	1.56	ND	ND	ND	--
07/24/02	115.28	--	13.14	0.00	102.14	320	**600**	240	2.5	<0.50	<1.0	<1.5	1.3
10/17-18/02	115.28	--	13.59	0.00	101.69	**667**	<500	490	3.42	<0.500	1.34	5.00	<1.00
01/21/03	115.28	--	12.46	0.00	102.82	<250	<500	416	3.44	0.550	0.519	3.24	<1.00
04/23-24/03	115.28	--	11.76	0.00	103.52	--[9]	--[9]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
06/30-07/01/03	115.28	--	12.91	0.00	102.37	<250	<500	255	2.01	<0.500	0.535	2.53	<1.00[13]
10/01-02/03	115.28	--	13.68	0.00	101.60	<250	<250	190	2.6	<0.5	0.5	<3.0	<1.2[13]
01/21-23/04	115.28	--	11.99	0.00	103.29	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	<1.2[13]
04/29-30/04	115.28	--	13.23	0.00	102.05	<250	<250	<50	1.5	<0.5	<0.5	<1.5	<0.99[13]
07/15-16/04	115.28	--	13.44	0.00	101.84	<250	<500	362	2.75	<0.500	0.549	3.45	<1.00[13]
08/03/04	115.28	--	13.53	0.00	101.75	--	--	--	--	--	--	--	--
10/28-11/01/04	115.28	--	13.31	0.00	101.97	<82	<100	210	4.1	<0.5	1.2	2.1	--
01/24-31/05	115.28	--	12.36	0.00	102.92	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	115.28	--	12.70	0.00	102.58	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	115.28	--	13.39	0.00	101.89	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	115.28	--	13.11	0.00	102.17	--	--	--	--	--	--	--	--
02/22/06	115.28	--	11.84	0.00	103.44	--	--	--	--	--	--	--	--
04/17/06	115.28	--	14.66	0.00	100.62	--	--	--	--	--	--	--	--
10/17/06	115.28	--	14.68	0.00	100.60	--	--	--	--	--	--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-10 (cont.)													
04/17-19/07	115.28	--	13.05	0.00	102.23	<75	<94	100	1.4	<0.5	<0.5	<1.5	--
12/04-05/07	115.28	--	14.33	0.00	100.95	<78	<98	150	2.0	<2.0	0.9	<5.0	--
04/28-05/01/08	115.28	--	12.71[5]	0.00	102.57	<77	<97	<50	0.8	<0.5	<0.5	<0.5	--
11/10/08	115.28	--	12.66	0.00	102.62	<30	<69	<50	0.7	<0.5	<0.5	<0.5	--
04/13-16/09	115.28	--	12.11	0.00	103.17	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	115.28	--	12.23	0.00	103.05	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	115.28	--	11.93	0.00	103.35	<31	<73	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	115.28	--	10.62	0.00	104.66	<59[19]	250[19]	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	115.28	--	12.02	0.00	103.26	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	115.28	--	11.92	0.00	103.36	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--
MW-11													
03/26-28/91	97.32	--	11.70	0.00	85.62	--	--	--	<5	<5	<5	<5	--
07/24/02	--	--	11.16	0.00	--	<250	<250	<50	<0.50	<0.50	<0.50	<1.5	<1.2
10/17-18/02	--	--	11.43	0.00	--	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
01/21/03	--	--	11.29	0.00	--	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
04/23-24/03	--	--	11.09	0.00	--	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
06/30-07/01/03	--	--	11.39	0.00	--	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
10/01-02/03	--	--	12.10	0.00	--	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	<1.2[13]
01/21-23/04	--	--	11.69	0.00	--	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	<1.2[13]
04/29-30/04	--	--	11.41	0.00	--	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	<0.99[13]
07/15-16/04	--	--	11.58	0.00	--	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
08/03/04	97.32	--	11.65	0.00	85.67	NOT SAMPLED		--	--	--	--	--	--
10/28-11/01/04	97.32	--	11.73	0.00	85.59	<78	<98	<50	<0.5	<0.5	<0.5	<1.5	--
01/24-31/05	97.32	--	11.35	0.00	85.97	NOT SAMPLED		--	--	--	--	--	--
04/18-21/05	97.32	--	11.41	0.00	85.91	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	97.32	--	11.44	0.00	85.88	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	97.32	--	11.52	0.00	85.80	--	--	--	--	--	--	--	--
04/17/06	97.32	--	11.29	0.00	86.03	--	--	--	--	--	--	--	--
08/08/06	97.32	--	11.26	0.00	86.06	--	--	--	--	--	--	--	--
10/17/06	97.32	--	11.39	0.00	85.93	--	--	--	--	--	--	--	--
04/17/07	97.32	--	11.29	0.00	86.03	--	--	--	--	--	--	--	--
12/04/07	97.32	NOT SAMPLED, OBSTRUCTION IN WELL AT 10.98 FEET BGS						--	--	--	--	--	--
04/28/08	97.32	NOT SAMPLED, OBSTRUCTION IN WELL AT 11.01 FEET BGS						--	--	--	--	--	--
11/03/08	97.32	NOT SAMPLED, OBSTRUCTION IN WELL AT 11 FEET BGS						--	--	--	--	--	--
04/13-16/09	97.32	OBSTRUCTION IN WELL		--	--	--	--	--	--	--	--	--	--
10/12-15/09	97.32	OBSTRUCTION IN WELL		--	--	--	--	--	--	--	--	--	--
04/19-22/10	97.32	OBSTRUCTION IN WELL		--	--	--	--	--	--	--	--	--	--
01/17-20/11	97.32	OBSTRUCTION IN WELL		--	--	--	--	--	--	--	--	--	--
05/10-12/11	97.32	OBSTRUCTION IN WELL		--	--	--	--	--	--	--	--	--	--
05/07-08/12	97.32	OBSTRUCTION IN WELL		--	--	--	--	--	--	--	--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-12													
10/17-18/02	113.36	--	12.22	0.00	101.14	<250	<500	<50.0	0.516	0.869	<0.500	<1.00	--
01/21/03	113.36	--	11.72	0.00	101.64	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
04/23-24/03	113.36	--	11.04	0.00	102.32	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
06/30-07/01/03	113.36	--	11.32	0.00	102.04	**1,690**	<500	**1,040**	2.91	1.05	10.0	26.5	<1.00[13]
10/01-02/03	113.36	--	12.12	0.00	101.24	470	<250	69	1.2	<0.5	<0.5	<1.5	<1.2[13]
01/21-23/04	113.36	--	10.02	0.00	103.34	**1,500**	**5,700**	<50	<0.5	<0.5	<0.5	<1.5	<1.2[13]
04/29-30/04	113.36	--	10.59	0.00	102.77	260	440	<50	<0.5	<0.5	<0.5	<1.5	<0.99[13]
07/15-16/04	113.36	--	11.44	0.00	101.92	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
08/03/04	113.36	--	12.55	0.00	100.81	NOT SAMPLED		--	--	--	--	--	--
10/28-11/01/04	113.36	--	12.03	0.00	101.33	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
01/24-31/05	113.36	--	12.22	0.00	101.14	NOT SAMPLED		--	--	--	--	--	--
04/18-21/05	113.36	--	12.27	0.00	101.09	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	113.36	--	12.31	0.00	101.05	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	113.36	--	12.29	0.00	101.07	NOT SAMPLED		--	--	--	--	--	--
02/22/06	113.36	--	10.70	0.00	102.66	--	--	--	--	--	--	--	--
04/17/06	113.36	--	11.53	0.00	101.83	--	--	--	--	--	--	--	--
10/17/06	113.36	--	12.60	0.00	100.76	--	--	--	--	--	--	--	--
04/17/07	113.36	--	12.14	0.00	101.22	--	--	--	--	--	--	--	--
12/04/07	113.36	--	12.38	0.00	100.98	--	--	--	--	--	--	--	--
04/28/08	113.36	--	12.05[16]	0.00	101.31	--	--	--	--	--	--	--	--
11/03/08	113.36	--	12.16	0.00	101.20	--	--	--	--	--	--	--	--
04/13-16/09	113.36	--	11.71	0.00	101.65	--	--	--	--	--	--	--	--
10/12-15/09	113.36	--	11.99	0.00	101.37	--	--	--	--	--	--	--	--
04/19-22/10	113.36	--	11.28	0.00	102.08	--	--	--	--	--	--	--	--
01/17-20/11	113.36	--	11.02	0.00	102.34	--	--	--	--	--	--	--	--
05/10-12/11	113.36	--	11.43	0.00	101.93	--	--	--	--	--	--	--	--
05/07-08/12	113.36	--	10.90	0.00	102.46	--	--	--	--	--	--	--	--
MW-13													
10/17-18/02	114.80	--	19.31/DRY	0.00	95.49	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/21/03	114.80	--	19.01/DRY	0.00	95.79	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/23-24/03	114.80	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
06/30-07/01/03	114.80	--	18.72	0.00	96.08	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
10/01-02/03	114.80	--	19.32/DRY	0.00	95.48	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/21-23/04	114.80	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
04/29-30/04	114.80	--	18.72	0.00	96.08	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
07/15-16/04	114.80	--	19.16	0.00	95.64	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
08/03/04	114.80	--	19.26	0.00	95.54	--	--	--	--	--	--	--	--
10/28-11/01/04	114.80	--	19.37	0.00	95.43	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-13 (cont.)													
01/24-31/05	114.80	--	19.19	0.00	95.61	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/18-21/05	114.80	--	18.97	0.00	95.83	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	114.80	--	19.06	0.00	95.74	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	114.80	--	19.40	0.00	95.40	NOT SAMPLED		--	--	--	--	--	--
02/22/06	114.80	--	18.03	0.00	96.77	--	--	--	--	--	--	--	--
04/17/06	114.80	--	19.45	0.00	95.35	--	--	--	--	--	--	--	--
10/17/06	114.80	--	19.28	0.00	95.52	--	--	--	--	--	--	--	--
04/17/07	114.80	--	19.62	0.00	95.18	--	--	--	--	--	--	--	--
12/04/07	114.80	--	19.53	0.00	95.27	--	--	--	--	--	--	--	--
04/28/08	114.80	--	19.25[16]	0.00	95.55	--	--	--	--	--	--	--	--
11/03/08	114.80	--	19.08	0.00	95.72	--	--	--	--	--	--	--	--
04/13-16/09	114.80	--	18.18	0.00	96.62	--	--	--	--	--	--	--	--
10/12-15/09	114.80	--	18.43	0.00	96.37	--	--	--	--	--	--	--	--
04/19-22/10	114.80	--	17.08	0.00	97.72	--	--	--	--	--	--	--	--
01/17-20/11	114.80	--	16.80	0.00	98.00	--	--	--	--	--	--	--	--
05/10-12/11	114.80	--	16.52	0.00	98.28	--	--	--	--	--	--	--	--
05/07-08/12	114.80	--	16.87	0.00	97.93	--	--	--	--	--	--	--	--
MW-14													
10/17-18/02	101.64	--	--	--	--	--	--	--	--	--	--	--	--
11/14/02	101.64	--	11.88	0.00	89.76	**4,710**	<500	**43,100**[6]	**9,900**[6]	4,930[6]	1,540[6]	**6,020**[6]	1.82
01/21/03	101.64	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/23-24/03	101.64	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
06/30-07/01/03	101.64	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/01-02/03	101.64	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/14/03	101.64	--	--	--	--	**2,100**	130	**69,000**	**12,000**	9,900	1,600	**7,900**	--
01/21-23/04	101.64	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/29-30/04	101.64	--	11.12	0.00	90.52	**1,500**	<250	**27,000**	**4,800**	2,500	910	**3,300**	<0.99[13]
07/15-16/04	101.64	--	11.46	0.00	90.18	**836**[7]	<500	**61,800**	**10,400**	5,550	1,350	**5,890**	<1.00[13]
10/26-27/04	101.64	--	--	--	--	<800	<1,000	**57,000**	**13,000**	11,000	1,500	**8,300**	--
10/28-11/01/04	101.64	--	11.94	0.00	89.70	--	--	--	--	--	--	--	--
01/24-31/05	101.64	--	11.37	0.00	90.27	470	<250	**24,000**	**4,400**	2,300	760	**3,300**	--
04/18-21/05	101.64	--	11.19	0.00	90.45	**1,500**	<250	**23,000**	**5,000**	2,500	860	**3,700**	--
07/27-28/05	101.64	--	11.36	0.00	90.28	**2,300**	<250	**24,000**	**5,000**	2,200	760	**3,300**	--
11/08-10/05	101.64	--	11.82	0.00	89.82	**2,600**	<520	**37,000**	**8,900**	4,600	1,100	**4,900**	--
04/17/06	101.56	--	11.26	0.00	90.30	**1,900**	<100	**40,000**	**4,400**	3,300	1,300	**7,200**	--
08/08/06	101.56	--	13.10	0.00	88.46	**6,800**	<1,000	**52,000**	**4,200**	3,900	1,500	**8,600**	--
10/17/06	101.56	--	13.65	0.00	87.91	--	--	--	--	--	--	--	--
04/17/07	101.56	--	15.54	0.00	86.02	**1,600**	<100	**11,000**	**920**	120	590	**1,300**	--

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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-14 (cont.)													
12/04/07	101.56	--	17.99	0.00	83.57	**3,400**	<470	**3,300**	**48**	5.6	200	16	--
04/28/08	101.56	--	16.92[16]	0.00	84.64	**1,400**	<99	**1,200**	**61**	4	140	21	--
11/04/08	101.56	--	13.66	0.00	87.90	**2,900**	<130	**8,400**	**38**	3	44	6	--
04/13-16/09	101.56	--	12.03	0.00	89.53	**8,800**	<660	**6,200**	15	3	11	4	--
10/12-15/09	101.56	--	12.21	0.00	89.35	**5,200**	<700	**4,000**	13	2	8	3	--
04/19-22/10	101.56	--	10.41	0.00	91.15	**3,200**	350	**1,600**	16	2	7	2	--
01/17-20/11	101.56	--	9.94	0.00	91.62	**3,300**	**840**	**3,000**	12	2	3	2	--
05/10-12/11	101.56	--	9.87	0.00	91.69	**2,500**	350	**3,400**	11	3	3	8	--
05/07-08/12	101.56	--	10.17	0.00	91.39	**550**	<67	**6,600**	14	5	25	120	--
MW-15													
10/17-18/02	99.03	--	--	--	--	--	--	--	--	--	--	--	--
11/14/02	99.03	--	9.44	0.00	89.59	**780**	<500	**3,280**	**1,640**	5.23	5.06	<10.0	1.04
01/21/03	99.03	--	9.29	0.00	89.74	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
04/23-24/03	99.03	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
06/30-07/01/03	99.03	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/01-02/03	99.03	--	9.72	0.00	89.31	410	<250	**810**	**1,700**	60	48	110	<1.2[13]
01/21-23/04	99.03	--	8.94	0.00	90.09	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	<1.2[13]
04/29-30/04	99.03	--	8.19	0.00	90.84	**700**	390	<50	<0.5	<0.5	<0.5	<1.5	<0.99[13]
07/15-16/04	99.03	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
08/03/04	99.03	--	13.82	0.00	85.21	--	--	--	--	--	--	--	--
10/26-27/04	99.03	--	--	--	--	<800	<1,000	**1,700**	**230**	99	99	260	--
10/28-11/01/04	99.03	--	9.65	0.00	89.38	--	--	--	--	--	--	--	--
01/24-31/05	99.03	--	9.00	0.00	90.03	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	99.03	--	8.98	0.00	90.05	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	99.03	--	9.31	0.00	89.72	NOT SAMPLED			--	--	--	--	--
11/08-10/05	99.03	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
02/22/06	99.03	--	8.21	0.00	90.82	--	--	--	--	--	--	--	--
04/17/06	99.03	--	8.67	0.00	90.36	--	--	--	--	--	--	--	--
10/18/06	99.03	--	11.12	0.00	87.91	--	--	--	--	--	--	--	--
04/17/07	99.03	--	13.81	0.00	85.22	<82	<100	<50	<0.5	<0.5	<0.5	<1.5	--
12/04/07	99.03	--	16.46	0.00	82.57	<76	<95	<50	0.9	<0.5	<0.5	<1.5	--
04/28/08	99.03	--	14.68[16]	0.00	84.35	--	--	--	--	--	--	--	--
12/11/08[17]	99.03	--	11.35	0.00	87.68	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	99.03	--	9.79	0.00	89.24	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	99.03	--	10.11	0.00	88.92	**980**	<69	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	99.03	--	8.85	0.00	90.18	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	99.03	--	8.02	0.00	91.01	100[19]	370[19]	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	99.03	--	7.76	0.00	91.27	<32	<75	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	99.03	--	8.00	0.00	91.03	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-16													
10/17-18/02	101.83	--	--	--	--	--	--	--	--	--	--	--	--
11/14/02	101.83	--	12.36	0.00	89.47	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
01/21/03	101.83	--	11.88	0.00	89.95	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
04/23-24/03	101.83	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
06/30-07/01/03	101.83	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/01-02/03	101.83	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/14/03	101.83	--	--	--	--	<160	<200	740	**26**	1.0	3.8	3.6	--
01/21-23/04	101.83	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/29-30/04	101.83	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
05/03/04	101.83	--	--	--	--	<75	<94	150	2.1	<0.5	1.7	<1.5	--
07/15-16/04	101.83	--	11.89	0.00	89.94	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[13]
08/03/04	101.83	--	12.03	0.00	89.80	--	--	--	--	--	--	--	--
10/26-27/04	101.83	--	--	--	--	<800	<1,000	220	9.1	1.1	5.7	2.3	--
10/28-11/01/04	101.83	--	12.42	0.00	89.41	--	--	--	--	--	--	--	--
01/24-31/05	101.83	--	11.91	0.00	89.92	<250	<250	210	8.4	1	6.0	3.2	--
04/18-21/05	101.83	--	11.69	0.00	90.14	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	101.83	--	11.81	0.00	90.02	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	101.83	--	12.36	0.00	89.47	<79	<99	<48	0.9	<0.5	0.7	<1.5	--
04/17/06	101.75	--	11.59	0.00	90.16	<81	100	<48	<0.5	<0.5	<0.5	<1.5	--
08/08/06	101.75	--	13.33	0.00	88.42	--	--	--	--	--	--	--	--
10/17/06	101.75	--	14.08	0.00	87.67	--	--	--	--	--	--	--	--
04/17/07	101.75	--	16.24	0.00	85.51	--	--	--	--	--	--	--	--
12/04/07	101.75	--	18.33	0.00	83.42	--	--	--	--	--	--	--	--
04/28-05/02/08	101.75	--	17.49[16]	0.00	84.26	<79	<99	<50	<0.5	<0.5	<0.5	<0.5	--
11/06/08	101.75	--	14.13	0.00	87.62	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	101.75	--	12.48	0.00	89.27	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	101.75	--	12.65	0.00	89.10	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	101.75	--	10.85	0.00	90.90	<31	<73	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	101.75	--	10.25	0.00	91.50	53	290	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	101.75	--	10.24	0.00	91.51	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	101.75	--	10.55	0.00	91.20	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	--
MW-17													
10/17-18/02	99.29	--	--	--	--	--	--	--	--	--	--	--	--
11/14/02	99.29	--	10.00	0.00	89.29	<250	<500	**2,780**	**569**	31.0	91.1	250	<1.00
01/21/03	99.29	--	9.62	0.00	89.67	<250	<500	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
04/23-24/03	99.29	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
06/30-07/01/03	99.29	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-17 (cont.)													
10/01-02/03	99.29	--	10.30	0.00	88.99	<250	<250	**1,100**	**420**	69	38	130	<1.2[13]
01/21-23/04	99.29	--	9.48	0.00	89.81	<250	<250	<50	1.6	<0.5	<0.5	<1.5	<1.2[13]
04/29-30/04	99.29	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
05/03/04	99.29	--	--	--	--	190	<95	**2,300**	**370**	20	89	100	--
07/15-16/04	99.29	--	9.81	0.00	89.48	<250	<500	**1,310**	**171**	8.98	43.1	83.5	**23.7**[13]
08/03/04	99.29	--	9.90	0.00	89.39	--	--	--	--	--	--	--	--
10/28-11/01/04	99.29	--	10.11	0.00	89.18	<400	<500	**5,600**	**1,900**	280	230	700	--
01/24-31/05	99.29	--	9.42	0.00	89.87	<250	<250	310	**160**	4.9	17	27	--
02/17/05	99.29	--	9.37	0.00	89.92	<76	<95	**1,000**	**320**	12	41	52	--
04/18-21/05	99.29	--	9.32	0.00	89.97	<250	750	<50	18	0.6	<0.5	<3.0	--
07/27-28/05	99.29	--	9.64	0.00	89.65	<250	<250	730	**230**	9.3	17	26	--
11/08-10/05	99.29	--	9.98	0.00	89.31	<76	<95	110	**65**	2.0	1.5	4.9	--
04/17-19/06	99.29	--	9.26	0.00	90.03	<79	<98	<48	0.7	<0.5	<0.5	<1.5	--
08/08/06	99.29	--	10.98	0.00	88.31	--	--	**1,200**	**400**	41	39	130	--
10/17/06	99.29	--	11.65	0.00	87.64	--	--	--	--	--	--	--	--
04/17/07	99.29	--	14.21	0.00	85.08	490	<100	**4,500**	**1,100**	26	300	350	--
12/04/07	99.29	--	17.02	0.00	82.27	95	<96	690	**42**	2.4	58	55	--
04/28-05/01/08	99.29	--	15.24[16]	0.00	84.05	<82	<100	190	**32**	<0.5	19	0.6	--
11/06/08	99.29	--	11.73	0.00	87.56	160	<70	67	22	<0.5	<0.5	<0.5	--
11/6/08 (D)	99.29	--	--	--	--	150	<66	110	**30**	0.6	<0.5	<0.5	--
04/13-16/09	99.29	--	10.15	0.00	89.14	150	<77	<50	5	<0.5	<0.5	<0.5	--
04/13-16/09 (D)	--	--	--	--	--	--	--	<50	3	<0.5	<0.5	<0.5	--
10/12-15/09	99.29	--	10.43	0.00	88.86	290	<68	81	3	<0.5	<0.5	<0.5	--
10/12-15/09 (D)	--	--	--	--	--	--	--	89	3	<0.5	<0.5	<0.5	--
04/19-22/10	99.29	--	8.81	0.00	90.48	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10 (D)	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	99.29	--	8.13	0.00	91.16	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11 (D)	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	99.29	--	8.24	0.00	91.05	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11 (D)	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	99.29	--	8.40	0.00	90.89	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12 (D)	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
MW-17-FB													
11/06/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	--	--	--	--	--	--	--	<50	<0.5	1	<0.5	<0.5	--
05/10-12/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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TABLE 1

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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-18													
04/29-30/04	--	--	10.95	0.00	--	**1,700**	<250	**76,000**	**9,200**	11,000	1,400	**8,400**	<0.99[13]
08/03/04	101.52	--	11.66	0.00	89.86	--	--	--	--	--	--	--	--
10/28-11/01/04	101.52	--	11.72	0.00	89.80	230	<97	**42,000**	**4,700**	5,400	860	**4,300**	--
01/24-31/05	101.52	--	11.10	0.00	90.42	270	<250	**24,000**	**2,800**	3,400	600	**3,100**	--
04/18-21/05	101.52	--	10.91	0.00	90.61	**1,500**	<250	**20,000**	**2,500**	3,200	540	**2,900**	--
07/27-28/05	101.52	--	11.22	0.00	90.30	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	101.52	--	11.53	0.00	89.99	NOT SAMPLED		--	--	--	--	--	--
02/22/06	101.52	--	9.83	0.00	91.69	--	--	--	--	--	--	--	--
04/17/06	101.52	--	10.93	0.00	90.59	--	--	--	--	--	--	--	--
08/08/06	101.52	--	12.65	0.00	88.87	--	--	**1,100**	**210**	74	43	130	--
10/17/06	101.52	--	13.29	0.00	88.23	--	--	--	--	--	--	--	--
04/17/07	101.52	--	15.51	0.00	86.01	--	--	--	--	--	--	--	--
12/04/07	101.52	--	20.30	0.00	81.22	--	--	--	--	--	--	--	--
04/28-29/08	101.52	--	16.76[16]	0.00	84.76	190	<98	200	**140**	<0.5	<0.5	<0.5	--
12/11/08[17]	101.52	--	13.45	0.00	88.07	**1,900**	<67	790	**32**	0.9	1	1	--
04/13-16/09	101.52	--	11.81	0.00	89.71	**7,600**	<390	530	4	0.5	<0.5	1	--
10/12-15/09	101.52	--	12.13	0.00	89.39	**590**	<66	310	8	<0.5	<0.5	<0.5	--
04/19-22/10	101.52	--	10.25	0.00	91.27	**1,000**	<75	91	3	<0.5	<0.5	<0.5	--
01/17-20/11	101.52	--	9.73	0.00	91.79	270	270	<50	0.6	<0.5	<0.5	<0.5	--
05/10-12/11	101.52	--	9.83	0.00	91.69	280	<71	220	11	<0.5	<0.5	<0.5	--
05/07-08/12	101.52	--	10.00	0.00	91.52	<30	<69	<50	1	<0.5	<0.5	<0.5	--
MW-19													
04/29-30/04	--	--	10.63	0.00	--	**680**	<250	**18,000**	**1,700**	1,700	470	**2,400**	<0.99[13]
07/15-16/04	--	--	11.04	0.00	--	--	--	--	--	--	--	--	--
08/03/04	101.18	--	11.31	0.00	89.87	--	--	--	--	--	--	--	--
10/28-11/01/04	101.18	--	11.41	0.00	89.77	270	<100	**21,000**	**1,900**	1,400	880	**3,500**	--
01/24-31/05	101.18	--	10.78	0.00	90.40	280	<250	**25,000**	**1,700**	1,500	940	**3,700**	--
04/18-21/05	101.18	--	10.61	0.00	90.57	**1,200**	<250	**23,000**	**1,.900**	1,400	1,000	**3,800**	--
07/27-28/05	101.18	--	10.92	0.00	90.26	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	101.18	--	11.25	0.00	89.93	NOT SAMPLED		--	--	--	--	--	--
02/22/06	101.18	--	9.55	0.00	91.63	--	--	--	--	--	--	--	--
04/17/06	101.18	--	10.61	0.00	90.57	--	--	--	--	--	--	--	--
10/17/06	101.18	--	12.93	0.00	88.25	--	--	--	--	--	--	--	--
04/17/07	101.18	--	15.27	0.00	85.91	<75	<94	130	3.2	<0.5	<0.5	<1.5	--
12/04/07	101.18	--	19.80	0.00	81.38	<78	<98	<50	3.0	<0.5	<0.5	<1.5	--
04/28-29/08	101.18	--	16.45[16]	0.00	84.73	<78	<98	90	2	<0.5	<0.5	<0.5	--
11/03/08	101.18	--	13.14	0.00	88.04	--	--	--	--	--	--	--	--
04/13-16/09	101.18	--	11.50	0.00	89.68	--	--	--	--	--	--	--	--

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631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-19 (cont.)													
10/12-15/09	101.18	--	11.83	0.00	89.35	--	--	--	--	--	--	--	--
04/19-22/10	101.18	--	10.06	0.00	91.12	--	--	--	--	--	--	--	--
01/17-20/11	101.18	--	9.45	0.00	91.73	--	--	--	--	--	--	--	--
05/10-12/11	101.18	--	9.56	0.00	91.62	--	--	--	--	--	--	--	--
05/07-08/12	101.18	--	9.70	0.00	91.48	--	--	--	--	--	--	--	--
MW-20													
10/28-11/01/04	105.64	--	8.91	0.00	96.73	<80	220	<50	<0.5	<0.5	<0.5	<1.5	--
01/24-31/05	105.64	--	5.94	0.00	99.70	NOT SAMPLED		--	--	--	--	--	--
04/18-21/05	105.64	--	6.39	0.00	99.25	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	105.64	--	7.88	0.00	97.76	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	105.64	--	8.08	0.00	97.56	NOT SAMPLED		--	--	--	--	--	--
02/22/06	105.64	--	6.56	0.00	99.08	NOT SAMPLED		--	--	--	--	--	--
04/17/06	105.64	--	6.64	0.00	99.00	NOT SAMPLED		--	--	--	--	--	--
08/08/06	105.64	--	8.00	0.00	97.64	NOT SAMPLED		--	--	--	--	--	--
10/17/06	105.64	--	8.32	0.00	97.32	NOT SAMPLED		--	--	--	--	--	--
04/17/07	105.64	--	6.93	0.00	98.71	NOT SAMPLED		--	--	--	--	--	--
12/04/07	105.64	--	5.46	0.00	100.18	NOT SAMPLED		--	--	--	--	--	--
04/28/08	105.64	--	7.07[16]	0.00	98.57	NOT SAMPLED		--	--	--	--	--	--
11/03/08	105.64	--	8.10	0.00	97.54	NOT SAMPLED		--	--	--	--	--	--
04/13-16/09	105.64	--	6.51	0.00	99.13	--	--	--	--	--	--	--	--
10/12-15/09	105.64	--	8.13	0.00	97.51	--	--	--	--	--	--	--	--
04/19-22/10	105.64	--	7.10	0.00	98.54	--	--	--	--	--	--	--	--
01/17-20/11	105.64	--	5.39	0.00	100.25	--	--	--	--	--	--	--	--
05/10-12/11	105.64	--	6.98	0.00	98.66	--	--	--	--	--	--	--	--
05/07-08/12	105.64	--	6.52	0.00	99.12	--	--	--	--	--	--	--	--
MW-21													
08/03/04	94.76	--	25.89	0.00	68.87	--	--	--	--	--	--	--	--
08/12/04	94.76	--	25.89	0.00	68.87	140	160	120	**360**	<0.5	<0.5	3.1	<10
10/28-11/01/04	94.76	--	25.95	0.00	68.81	<800	<1,000	**31,000**	**5,200**	730	1,300	**4,500**	--
01/24-31/05	94.76	--	25.85	0.00	68.91	<250	<250	130	**230**	0.6	<0.5	4.3	--
02/17/05	94.76	--	25.82	0.00	68.94	<85	<110	130	**280**	<0.5	<0.5	<1.5	--
04/18-21/05	94.76	--	25.94	0.00	68.82	<250	<250	110	**230**	<0.5	<0.5	3.9	--
07/27-28/05	94.76	--	25.75	0.00	69.01	<250	<250	79	**220**	<0.5	<0.5	<3.0	--
11/08-10/05	94.76	--	25.96	0.00	68.80	<78	<97	110	**250**	<0.5	<0.5	<1.5	--
02/22/06	94.76	--	25.58	0.00	69.18	--	--	--	--	--	--	--	--
04/17/06	94.76	--	25.62	0.00	69.14	<79	<99	<48	**84**	<0.5	<0.5	<1.5	--
08/09/06	94.76	--	25.38	0.00	69.38	--	--	130	**170**	<0.5	<0.5	1.6	--
10/17/06	94.76	--	25.81	0.00	68.95	--	--	--	--	--	--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-21 (cont.)													
04/17-18/07	94.76	--	25.34	0.00	69.42	<81	<100	57	**130**	0.6	<0.5	<1.5	--
12/04-05/07	94.76	--	26.36	0.00	68.40	<76	<96	61	**140**	<0.5	<0.5	<1.5	--
04/28-05/01/08	94.76	--	26.42[16]	0.00	68.34	<78	<97	83	**160**	<0.5	<0.5	<0.5	--
11/06/08	94.76	--	26.23	0.00	68.53	<30	<70	79	**120**	<0.5	<0.5	<0.5	--
04/13-16/09	94.76	--	26.11	0.00	68.65	36	<78	89	**120**	<0.5	<0.5	<0.5	--
10/12-15/09	94.76	--	25.95	0.00	68.81	<29	<68	<50	**88**	<0.5	<0.5	<0.5	--
04/19-22/10	94.76	--	25.65	0.00	69.11	38	<70	67	**88**	<0.5	<0.5	<0.5	--
01/17-20/11	94.76	--	25.60	0.00	69.16	140	**630**	60	**100**	<0.5	<0.5	<0.5	--
05/10-12/11	94.76	--	25.40	0.00	69.36	89	<70	58	**82**	<0.5	<0.5	<0.5	--
05/07-08/12	94.76	--	25.65	0.00	69.11	<30	<70	<50	**70**	<0.5	<0.5	<0.5	--
MW-22													
NOT MONITORED/SAMPLED, REPLACED BY WELL DPE-8, SEE DPE-8 FOR MW-22 DATA													
MW-23													
10/26-27/04	107.82	--	--	--	--	**42,000**	<5,000	**57,000**	--	--	--	--	--
10/28/04	107.82	--	9.64	0.00	98.18	--	--	--	--	--	--	--	--
10/28-11/01/04	107.82	--	13.50	0.00	94.32	--	--	--	--	--	--	--	--
01/24-31/05	107.82	--	5.32	0.00	102.50	**13,000**	<4,100	**19,000**	**190**	210	710	**3,600**	--
04/18-21/05	107.82	--	8.78	0.00	99.04	**2,400**	<250	**54,000**	**630**	7,000	1,700	**9,200**	--
07/27-28/05	107.82	--	9.71	0.00	98.11	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	107.82	--	9.69	0.00	98.13	NOT SAMPLED		--	--	--	--	--	--
04/17/06	107.82	--	9.91	0.00	97.91	--	--	--	--	--	--	--	--
04/18/07	107.82	--	9.17	0.00	98.65	**7,100**	<530	**3,500**	**27**	30	31	310	--
12/06/07	107.82	--	7.85	0.00	99.97	**7,200**	<940	310	<0.5	0.6	16	46	--
04/29/08	107.82	--	8.90[16]	0.00	98.92	--	--	--	--	--	--	--	--
11/03/08	107.82	--	9.44	0.00	98.38	--	--	--	--	--	--	--	--
04/13-16/09	107.82	--	7.93	0.00	99.89	--	--	--	--	--	--	--	--
10/12-15/09	107.82	--	9.14	0.00	98.68	--	--	--	--	--	--	--	--
04/19-22/10	107.82	--	8.02	0.00	99.80	--	--	--	--	--	--	--	--
01/17-20/11	107.82	--	6.82	0.00	101.00	--	--	--	--	--	--	--	--
05/10-12/11	107.82	--	6.63	0.00	101.19	--	--	--	--	--	--	--	--
05/07-08/12	107.82	--	7.20	0.00	100.62	--	--	--	--	--	--	--	--
MW-24													
10/26-27/04	107.95	--	--	--	--	<800	<1,000	500	--	--	--	--	--
10/28/04	107.95	--	6.41	0.00	101.54	--	--	--	--	--	--	--	--
10/28-11/01/04	107.95	--	14.20	0.00	93.75	--	--	--	--	--	--	--	--
01/24-31/05	107.95	--	5.58	0.00	102.37	<250	<250	<50	<0.5	0.6	<0.5	1.6	--
04/18-21/05	107.95	--	4.76	0.00	103.19	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	107.95	--	6.68	0.00	101.27	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	107.95	--	4.84	0.00	103.11	NOT SAMPLED		--	--	--	--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-24 (cont.)													
02/22/06	107.95	--	5.81	0.00	102.14	--	--	--	--	--	--	--	--
04/17/06	107.95	--	5.55	0.00	102.40	--	--	--	--	--	--	--	--
04/17/07	107.95	--	5.63	0.00	102.32	--	--	--	--	--	--	--	--
12/04/07	107.95	--	4.61	0.00	103.34	--	--	--	--	--	--	--	--
04/28/08	107.95	--	4.96[16]	0.00	102.99	--	--	--	--	--	--	--	--
11/03/08	107.95	--	4.65	0.00	103.30	--	--	--	--	--	--	--	--
04/13-16/09	107.95	--	4.65	0.00	103.30	--	--	--	--	--	--	--	--
10/12-15/09	107.95	--	5.82	0.00	102.13	--	--	--	--	--	--	--	--
04/19-22/10	107.95	--	5.40	0.00	102.55	--	--	--	--	--	--	--	--
01/17-20/11	107.95	--	4.62	0.00	103.33	--	--	--	--	--	--	--	--
05/10-12/11	107.95	--	5.65	0.00	102.30	--	--	--	--	--	--	--	--
05/07-08/12	107.95	--	4.85	0.00	103.10	--	--	--	--	--	--	--	--
MW-25													
10/26-27/04	--	--	--	--	--	260	<99	**11,000**	--	--	--	--	--
10/28-11/01/04	101.96	--	12.36	0.00	89.60	--	--	--	--	--	--	--	--
01/24-31/05	101.96	--	11.81	0.00	90.15	440	<250	**7,400**	6.8	42	160	**1,100**	--
04/18-21/05	101.96	--	11.63	0.00	90.33	**2,800**	<250	**22,000**	17	300	750	**3,900**	--
07/27-28/05	101.96	--	11.73	0.00	90.23	**2,400**	<250	**22,000**	<20	210	630	**3,100**	--
11/08-10/05	101.96	--	12.23	0.00	89.73	**870**	<100	**14,000**	<20	59	450	**1,600**	--
02/22/06	101.96	--	10.50	0.00	91.46	--	--	--	--	--	--	--	--
04/17/06	101.96	--	11.65	0.00	90.31	**520**	<100	780	<2.0	2.9	14	49	--
08/08/06	101.96	--	13.39	0.00	88.57	**1,100**	210	**6,300**	19	31	240	650	--
10/17/06	101.96	--	14.06	0.00	87.90	--	--	--	--	--	--	--	--
04/17/07	101.96	--	16.00	0.00	85.96	**1,200**	<110	**1,900**	7	13	55	97	--
12/04/07	101.96	--	18.05	0.00	83.91	**2,000**	<100	**2,400**	10	2.9	73	47	--
04/28/08	101.96	--	17.34[16]	0.00	84.62	120	<96	250	1	0.7	11	0.9	--
11/04/08	101.96	--	14.08	0.00	87.88	33	<72	150	2	<0.5	<0.5	<0.5	--
04/13-16/09	101.96	--	12.44	0.00	89.52	340	<66	190	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	101.96	--	12.62	0.00	89.34	440	<70	570	<0.5	<0.5	3	0.7	--
04/19-22/10	101.96	--	10.80	0.00	91.16	**540**	93	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	101.96	--	10.28	0.00	91.68	**670**	180	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	102.96	--	10.20	0.00	92.76	**560**	180	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	102.96	--	10.54	0.00	92.42	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--
MW-26													
10/28-11/01/04	100.47	--	11.18	0.00	89.29	**760**	<200	**57,000**	**8,300**	4,300	1,600	**8,700**	--
01/24-31/05	100.47	--	10.59	0.00	89.88	<250	<250	**3,100**	**310**	190	54	510	--
02/17/05	100.47	--	10.56	0.00	89.91	310	<95	**27,000**	**6,800**	1,900	990	**4,800**	--
04/18-21/05	100.47	--	10.39	0.00	90.08	<250	<250	**3,500**	**730**	320	100	660	--
07/27-28/05	100.47	--	10.55	0.00	89.92	270	<250	**5,100**	**1,200**	370	130	880	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-26 (cont.)													
11/08-10/05	100.47	--	11.02	0.00	89.45	**1,200**	<94	**15,000**	**5,700**	850	590	**2,400**	--
02/22/06	100.47	--	9.32	0.00	91.15	--	--	--	--	--	--	--	--
04/17/06	100.47	--	10.35	0.00	90.12	<80	<100	<48	<0.5	<0.5	<0.5	<1.5	--
08/08/06	100.47	--	12.11	0.00	88.36	240	150	**4,900**	**1,200**	310	160	750	--
10/17/06	100.47	--	12.80	0.00	87.67	--	--	--	--	--	--	--	--
04/17-18/07	100.47	--	15.09	0.00	85.38	440	<100	**4,500**	**730**	63	230	660	--
12/04-05/07	100.47	--	18.05	0.00	82.42	400	<130	**3,400**	**1,000**	43	200	420	--
04/28-05/01/08	100.47	--	16.31[16]	0.00	84.16	280	<95	130	9	<0.5	4	<0.5	--
5/1/08 (D)	100.47	--	--	--	--	**630**	<99	140	10	<0.5	5	<0.5	--
11/06/08	100.47	--	12.82	0.00	87.65	**2,500**	<66	**1,100**	**450**	1	110	3	--
04/13-16/09	100.47	--	11.23	0.00	89.24	460	<66	<50	**26**	<0.5	11	<0.5	--
10/12-15/09	100.47	--	11.41	0.00	89.06	**1,200**	<69	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	100.47	--	9.64	0.00	90.83	41	<74	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	100.47	--	9.08	0.00	91.39	40	<71	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	100.47	--	9.08	0.00	91.39	57	<68	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	100.47	--	9.35	0.00	91.12	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
MW-27													
01/24-31/05	97.26	--	29.81	0.00	67.45	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	97.26	--	29.85	0.00	67.41	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	97.26	--	29.86	0.00	67.40	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	97.26	--	29.91	0.00	67.35	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	97.26	--	29.91	0.00	67.35	--	--	--	--	--	--	--	--
04/17/06	97.26	--	29.69	0.00	67.57	--	--	--	--	--	--	--	--
10/18/06	97.26	--	29.90	0.00	67.36	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
MW-28													
01/24-31/05	87.78	--	21.18	0.00	66.60	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
02/10/05	87.78	--	21.17	0.00	66.61	<79	<98	<48	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	87.78	--	21.22	0.00	66.56	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	87.78	--	21.26	0.00	66.52	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	87.78	--	21.32	0.00	66.46	--	--	--	--	--	--	--	--
04/17/06	87.78	--	21.19	0.00	66.59	--	--	--	--	--	--	--	--
10/18/06	87.78	--	21.28	0.00	66.50	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
MW-29													
01/24-31/05	80.88	--	15.14	0.00	65.74	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	80.88	--	14.31	0.00	66.57	NOT SAMPLED		--	--	--	--	--	--
07/27-28/05	80.88	--	14.79	0.00	66.09	NOT SAMPLED		--	--	--	--	--	--

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631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-29 (cont.)													
11/08-10/05	80.88	--	14.70	0.00	66.18	NOT SAMPLED		--	--	--	--	--	--
04/17/06	80.88	--	14.60	0.00	66.28	--	--	--	--	--	--	--	--
10/18/06	80.88	--	15.16	0.00	65.72	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
MW-30													
02/10/05	91.81	--	24.70	0.00	67.11	<77	<96	<48	4.1	<0.5	<0.5	<1.5	--
04/18-21/05	91.81	--	24.76	0.00	67.05	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	91.81	--	24.72	0.00	67.09	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	91.81	--	24.82	0.00	66.99	<83	<100	<48	<0.5	<0.5	<0.5	<1.5	--
04/17/06	91.81	--	24.68	0.00	67.13	<80	<100	<50	<0.5	<0.5	<0.5	<1.5	--
10/17/06	91.81	--	24.80	0.00	67.01	--	--	--	--	--	--	--	--
04/17-18/07	91.81	--	24.72	0.00	67.09	<76	<94	<50	<0.5	<0.5	<0.5	<1.5	--
12/04-05/07	91.81	--	24.84	0.00	66.97	<75	<94	<50	<0.5	<0.5	<0.5	<1.5	--
04/28-30/08	91.81	--	24.81	0.00	67.00	<77	<97	<50	<0.5	<0.5	<0.5	<0.5	--
11/06/08	91.81	--	24.85	0.00	66.96	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	--
11/6/08 (D)	91.81	--	--	0.00	--	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	91.81	--	24.81	0.00	67.00	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09 (D)	91.81	--	--	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	91.81	--	24.77	0.00	67.04	<29	<68	<50	<0.5	0.5	<0.5	<0.5	--
10/12-15/09 (D)	91.81	--	--	0.00	--	--	--	<50	<0.5	0.6	<0.5	<0.5	--
04/19-22/10	91.81	--	24.67	0.00	67.14	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10 (D)	91.81	--	--	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	91.81	--	24.68	0.00	67.13	67	<69	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11 (D)	91.81	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	91.81	--	24.60	0.00	67.21	51	<71	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11 (D)	91.81	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	91.81	--	24.65	0.00	67.16	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12 (D)	91.81	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
MW-30-FB													
11/06/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	--	--	--	--	--	--	--	<50	<0.5	1	<0.5	<0.5	--
05/10-12/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
MW-31													
02/10/05	87.22	--	19.89	0.00	67.33	<77	<96	<48	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	87.22	--	20.02	0.00	67.20	<800	<1,000	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	87.22	--	19.89	0.00	67.33	<250	<250	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	87.22	--	20.12	0.00	67.10	NOT SAMPLED		--	--	--	--	--	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-31 (cont.)													
04/17/06	87.22	--	19.94	0.00	67.28	--	--	--	--	--	--	--	--
10/17/06	87.22	--	20.14	0.00	67.08	--	--	--	--	--	--	--	--
04/17-18/07	87.22	--	19.78	0.00	67.44	<75	<94	<50	<0.5	<0.5	<0.5	<1.5	--
12/04-05/07	87.22	--	20.14	0.00	67.08	<75	<94	<50	<0.5	<0.5	<0.5	<1.5	--
04/28-30/08	87.22	--	20.06	0.00	67.16	<81	<100	<50	<0.5	<0.5	<0.5	<0.5	--
11/04/08	87.22	--	20.11	0.00	67.11	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	87.22	--	20.04	0.00	67.18	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	87.22	--	19.99	0.00	67.23	<29	<68	<50	<0.5	1	<0.5	<0.5	--
04/19-22/10	87.22	--	19.80	0.00	67.42	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	87.22	--	19.79	0.00	67.43	32	<70	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	87.22	--	19.70	0.00	67.52	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	87.22	--	19.80	0.00	67.42	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
MW-32													
07/27-28/05	101.09	--	11.43	0.00	89.66	**1,200**	<250	**17,000**	**2,300**	540	630	**2,600**	--
11/08-10/05	101.09	--	11.81	0.00	89.28	<80	<100	580	**200**	29	5.4	130	--
02/22/06	101.09	--	10.15	0.00	90.94	--	--	--	--	--	--	--	--
04/17/06	101.09	--	11.12	0.00	89.97	<81	<100	70	**47**	1.9	4.0	8.7	--
08/08/06	101.09	--	12.86	0.00	88.23	400	140	**4,000**	**1,500**	130	210	730	--
04/17-18/07	101.09	--	15.97	0.00	85.12	**2,600**	<940	**17,000**	**2,400**	170	830	2,400	--
12/04-05/07	101.09	--	18.42	0.00	82.67	<79	<98	670	**310**	6.6	57	73	--
04/29/08	101.09	--	17.09[16]	0.00	84.00	<79	<98	95	**77**	<0.5	9	2	--
11/04/08	101.09	--	13.56	0.00	87.53	41	<71	130	**36**	<0.5	2	<0.5	--
04/13-16/09	101.09	--	12.00	0.00	89.09	330	<67	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	101.09	--	12.21	0.00	88.88	74	<67	<50	<0.5	0.7	<0.5	<0.5	--
04/19-22/10	101.09	--	10.44	0.00	90.65	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	101.09	--	9.82	0.00	91.27	34	<70	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	101.09	--	9.93	0.00	91.16	34	<69	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	101.09	--	10.20	0.00	90.89	<29	<69	<50	<0.5	<0.5	<0.5	<0.5	--
MW-33													
07/27-28/05	100.31	--	28.33	0.00	71.98	**630**	<250	**2,200**	**2,500**	200	93	170	--
11/08-10/05	100.31	--	28.50	0.00	71.81	340	<100	**1,900**	**4,800**	180	110	170	--
04/17/06	100.36	--	27.95	0.00	72.41	250	<110	**1,900**	**4,000**	140	93	170	--
08/09/06	100.36	--	28.65	0.00	71.71	490	<98	**3,000**	**4,100**	220	180	290	--
10/17/06	100.36	--	28.96	0.00	71.40	--	--	--	--	--	--	--	--
04/17-18/07	100.36	--	29.65	0.00	70.71	400	<100	**1,600**	**3,700**	130	110	130	--
12/04-05/07	100.36	--	30.46	0.00	69.90	400	<94	**1,200**	**3,300**	110	76	86	--
04/28/08	100.36	--	30.46[16]	0.00	69.90	370	<100	**1,300**	**2,400**	86	75	76	--
11/04/08	100.36	--	29.62	0.00	70.74	270	<69	**1,200**	**2,700**	97	95	85	--
04/13-16/09	100.36	--	28.95	0.00	71.41	330	<68	**1,800**	**2,500**[18]	73[18]	110[18]	76[18]	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MW-33 (cont.)													
10/12-15/09	100.36	--	28.63	0.00	71.73	210	<68	**1,200**	**1,300**	37	78	40	--
04/19-22/10	100.36	--	27.91	0.00	72.45	270	<72	790	**830**	17	44	20	--
01/17-20/11	100.36	--	27.75	0.00	72.61	**680**	370	750	**620**	10	64	27	--
05/10-12/11	100.36	--	27.40	0.00	72.96	480	100	530	**460**	7	56	20	--
05/07-08/12	100.36	--	28.80	0.00	71.56	<30	<70	290	**270**	1	22	7	--
MW-34													
11/28/05	--	--	--	--	--	<84	<110	<48	--	--	--	--	--
04/17/06	94.35	--	26.97	0.00	67.38	<80	<100	<48	<0.5	<0.5	<0.5	<1.5	--
10/17/06	94.35	--	27.13	0.00	67.22	--	--	--	--	--	--	--	--
04/17-18/07	94.35	--	27.06	0.00	67.29	<81	<100	<50	<0.5	<0.5	<0.5	<1.5	--
12/04-05/07	94.35	--	27.22	0.00	67.13	<78	<98	60	<0.5	<0.5	<0.5	<1.5	--
04/28-30/08	94.35	--	27.15	0.00	67.20	<80	<100	<50	<0.5	<0.5	<0.5	<0.5	--
11/06/08	94.35	--	27.19	0.00	67.16	<31	<73	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	94.35	--	27.15	0.00	67.20	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	94.35	--	27.10	0.00	67.25	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	94.35	--	26.96	0.00	67.39	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	--
01/17-20/11	94.35	--	27.00	0.00	67.35	39	<69	<50	<0.5	<0.5	<0.5	<0.5	--
05/10-12/11	94.35	--	26.90	0.00	67.45	<60	<140	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	94.35	--	27.00	0.00	67.35	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
MW-35													
11/28/05	--	--	--	--	--	280	180	250	--	--	--	--	--
02/22/06	100.52	--	30.32	0.00	70.20	--	--	--	--	--	--	--	--
04/17/06	100.52	--	30.41	0.00	70.11	270	<100	370	**100**	1.3	1.0	3.9	--
08/09/06	100.52	--	30.75	0.00	69.77	300	230	780	**150**	3.1	1.9	5.8	--
10/18/06	100.52	--	30.94	0.00	69.58	--	--	--	--	--	--	--	--
04/17/07	100.52	--	31.19	0.00	69.33	--	--	--	--	--	--	--	--
12/04/07	100.52	--	31.89	0.00	68.63	--	--	--	--	--	--	--	--
04/28-05/01/08	100.52	--	31.78[16]	0.00	68.74	180	<100	110	**45**	<0.5	<0.5	<0.5	--
11/05/08	100.52	--	31.48	0.00	69.04	110	<67	180	**150**	<0.5	<0.5	<0.5	--
04/13-16/09	100.52	--	31.22	0.00	69.30	120	<68	83	**100**	<0.5	<0.5	<0.5	--
10/12-15/09	100.52	--	30.98	0.00	69.54	50	<68	<50	**58**	<0.5	<0.5	<0.5	--
04/19-22/10	100.52	--	30.45	0.00	70.07	59	<71	<50	**66**	<0.5	<0.5	<0.5	--
01/17-20/11	100.52	--	30.43	0.00	70.09	170	220	<50	5	<0.5	<0.5	<0.5	--
05/10-12/11	100.52	--	30.00	0.00	70.52	60	<70	<50	4	<0.5	<0.5	<0.5	--
05/07-08/12	100.52	--	30.30	0.00	70.22	<30	<70	<50	0.6	<0.5	<0.5	<0.5	--
DPE-1/VP-6													
07/24/02	101.90	10.60	12.18	1.58	90.98	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/17-18/02	101.90	11.35	12.00	0.65	90.42	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
01/21/03	101.90	11.27	12.90	1.63	90.30	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--

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TABLE 1

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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
DPE-1/VP-6 (cont.)													
04/23-24/03	101.90	10.75	10.90	0.15	91.12	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
06/30-07/01/03	101.90	11.32	11.54	0.22	90.54	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/01-02/03	101.90	12.12	12.91	0.79	89.62	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
01/21-23/04	101.90	NOT MONITORED/SAMPLED DUE TO WELL OBSTRUCTION AT 2.41 FEET						--	--	--	--	--	--
04/29-30/04	--	11.20	11.25	0.05	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
07/15-16/04	--	11.61	11.63	0.02	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
08/03/04	101.84	--	11.85	0.00	89.99	--	--	--	--	--	--	--	--
10/28-11/01/04	101.84	--	11.99	0.00	89.85	**180,000**	<20,000	**81,000**	**7,500**	9,500	1,100	**9,000**	--
01/24-31/05	101.84	--	11.37	0.00	90.47	**21,000**	<1,000	**19,000**	**1,800**	1,200	75	**3,300**	--
04/18-21/05	101.84	--	11.19	0.00	90.65	**280,000**	<11,000	**8,000**	**190**	240	48	800	--
07/27-28/05	101.84	--	11.50	0.00	90.34	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	101.84	--	11.76	0.00	90.08	NOT SAMPLED		--	--	--	--	--	--
08/09/05	101.84	11.59	11.60	0.01	90.24	--	--	--	--	--	--	--	--
11/08-10/05	101.84	NP	11.76	0.00	90.08	--	--	--	--	--	--	--	--
02/22/06	101.84	Sheen	10.02	0.00	91.82	--	--	--	--	--	--	--	--
04/17/06	101.84	NP	11.25	0.00	90.59	--	--	--	--	--	--	--	--
08/31/06	101.84	13.21	13.13	0.00	88.71	--	--	--	--	--	--	--	--
09/15/06	101.84	13.31	13.35	0.04	88.49	--	--	--	--	--	--	--	--
10/17/06	101.55	12.85	14.68	1.83	88.33	--	--	--	--	--	--	--	--
04/17-19/07	101.55	--	15.63	0.00	85.92	**5,600**	<950	650	20	4.1	3.7	13	--
04/17-19/07 (D)	101.55	--	--	--	--	<1,500	<1,900	690	20	4.3	3.9	14	--
12/04-05/07	101.55	--	20.72	0.00	80.83	240	<100	550	**380**	4.7	32	15	--
04/28-29/08	101.63	--	16.74	0.00	84.89	**610**	<200	260	**430**	1	1	2	--
4/29/08 (D)	101.63	--	--	--	--	490	<200	250	**450**	1	1	2	--
11/03/08	101.63	--	13.50	0.00	88.13	--	--	--	--	--	--	--	--
04/13-16/09[15]	101.63	--	11.84	0.00	89.79	--	--	--	--	--	--	--	--
10/12-15/09[15]	101.63	--	12.05	0.00	89.58	--	--	--	--	--	--	--	--
04/19-22/10[15]	101.63	--	10.26	0.00	91.37	--	--	--	--	--	--	--	--
01/17-20/11[15]	101.63	--	10.56	0.00	91.07	--	--	--	--	--	--	--	--
05/10-12/11[15]	101.63	--	9.85	0.00	91.78	--	--	--	--	--	--	--	--
05/07-08/12[15]	101.63	--	10.00	0.00	91.63	--	--	--	--	--	--	--	--
DPE-2													
04/29-30/04	--	11.31	11.51	0.20	--	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
07/15-16/04	--	--	11.73	0.00	--	--	--	--	--	--	--	--	--
08/03/04	102.17	--	12.17	0.00	90.00	--	--	--	--	--	--	--	--
10/28-11/01/04	102.17	--	12.12	0.00	90.05	**6,200**	<1,000	**48,000**	**2,500**	3,000	940	**5,400**	--
01/24-31/05	102.17	--	11.51	0.00	90.66	**870**	<250	**2,200**	**70**	79	13	140	--
04/18-21/05	102.17	--	11.30	0.00	90.87	290	<250	**2,000**	**210**	170	42	220	--
07/27-28/05	102.17	--	11.64	0.00	90.53	NOT SAMPLED		--	--	--	--	--	--

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631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
DPE-2 (cont.)													
11/08-10/05	102.17	--	12.02	0.00	90.15	NOT SAMPLED		--	--	--	--	--	--
02/22/06	102.17	10.06	10.98	0.92	91.93	--	--	--	--	--	--	--	--
02/27/06	102.17	10.20	11.09	0.89	91.79	--	--	--	--	--	--	--	--
04/17/06	102.17	11.25	11.71	0.46	90.83	--	--	--	--	--	--	--	--
07/31/06	102.17	12.76	12.80	0.04	89.40	--	--	--	--	--	--	--	--
08/19/06	102.17	13.33	13.45	0.12	88.82	--	--	--	--	--	--	--	--
09/15/06	102.43	13.69	13.73	0.04	88.73	--	--	--	--	--	--	--	--
09/29/06	102.43	13.83	13.86	0.03	88.59	--	--	--	--	--	--	--	--
10/17/06	102.43	13.91	13.92	0.01	88.52	--	--	--	--	--	--	--	--
10/24/06	102.43	14.20	14.50	0.30	88.17	--	--	--	--	--	--	--	--
04/17/07	102.43	--	15.96	0.00	86.47	**110,000**	<9,500	**27,000**	<10	2.9	14	**1,100**	--
12/04-05/07	102.43	--	21.52	0.00	80.91	**5,300**	<480	600	**150**	5.3	8.6	15	--
04/28-29/08	102.54	--	17.20	0.00	85.34	**8,100**	<2,000	770	2	<0.5	<0.5	0.5	--
11/04/08	102.54	--	14.06	0.00	88.48	**3,000**	<130	340	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09[15]	102.54	--	12.40	0.00	90.14	83	<72	93	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	102.54	--	12.77	0.00	89.77	230	<68	330	0.8	<0.5	<0.5	<0.5	--
04/19-22/10	102.54	--	10.85	0.00	91.69	--	--	--	--	--	--	--	--
01/17-20/11	102.54	--	10.33	0.00	92.21	--	--	--	--	--	--	--	--
05/10-12/11	102.54	--	10.45	0.00	92.09	--	--	--	--	--	--	--	--
05/07-08/12	102.54	--	10.60	0.00	91.94	--	--	--	--	--	--	--	--
DPE-3													
10/17/06	103.93	--	14.49	0.00	89.44	--	--	--	--	--	--	--	--
10/26/06	103.93	--	14.79	0.00	89.14	<80	<100	<48	<0.5	<0.5	<0.5	<0.5	--
04/17-19/07	103.93	--	18.25	0.00	85.68	**4,900**	<2,000	87	<0.5	<0.5	<0.5	3.9	--
12/04/07	103.93	--	18.35	0.00	85.58	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08	104.02	--	18.25	0.00	85.77	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/03/08	104.02	--	14.39	0.00	89.63	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/13-16/09	104.02	--	12.70	0.00	91.32	--	--	--	--	--	--	--	--
10/12-15/09	104.02	--	13.23	0.00	90.79	--	--	--	--	--	--	--	--
04/19-22/10	104.02	--	11.24	0.00	92.78	--	--	--	--	--	--	--	--
01/17-20/11	104.02	--	10.62	0.00	93.40	--	--	--	--	--	--	--	--
05/10-12/11	104.02	--	10.77	0.00	93.25	--	--	--	--	--	--	--	--
05/07-08/12	104.02	--	11.07	0.00	92.95	--	--	--	--	--	--	--	--
DPE-4													
10/17/06	102.26	--	14.29	0.00	87.97	--	--	--	--	--	--	--	--
10/18/06	102.26	--	14.29	0.00	87.97	--	--	--	--	--	--	--	--
10/24/06	102.26	--	14.00	0.00	88.26	**920**	**1,400**	**4,900**	**260**	240	39	720	--
04/17-19/07	102.26	--	19.17	0.00	83.09	**6,700**	<1,900	**12,000**	**2,200**	220	400	**2,000**	--
12/04-06/07	102.26	--	19.42	0.00	82.84	330	<100	210	**44**	0.9	1	5.5	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
DPE-4 (cont.)													
04/28-30/08	102.39	--	17.36	0.00	85.03	**5,200**	<2,500	410	**51**	3	2	23	--
4/30/08 (D)	102.39	--	--	--	--	**2,500**	<2,000	390	**51**	3	2	23	--
11/03/08	102.39	--	14.14	0.00	88.25	--	--	--	--	--	--	--	--
04/13-16/09[15]	102.39	--	12.56	0.00	89.83	--	--	--	--	--	--	--	--
10/12-15/09	102.39	--	12.76	0.00	89.63	--	--	--	--	--	--	--	--
04/19-22/10	102.39	--	10.95	0.00	91.44	--	--	--	--	--	--	--	--
01/17-20/11	102.39	--	10.40	0.00	91.99	--	--	--	--	--	--	--	--
05/10-12/11	102.39	--	10.47	0.00	91.92	--	--	--	--	--	--	--	--
05/07-08/12	102.39	--	10.74	0.00	91.65	--	--	--	--	--	--	--	--
DPE-5													
11/28/05	--	--	--	--	--	**5,300**	<1,000	**36,000**	--	--	--	--	--
01/23/06	113.32	16.70	16.75	0.05	96.61	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
02/22/06	113.81	--	17.16	0.00	96.65	--	--	--	--	--	--	--	--
04/17/06	113.81	--	--	--	--	**4,800**	<190	**19,000**	**1,100**	1,400	160	**2,900**	--
04/17-19/07	113.81	--	23.78	0.00	90.03	**4,600**	<470	200	17	2.6	1.6	11	--
12/04-06/07	113.81	--	23.72	0.00	90.09	**4,000**	<470	180	0.6	0.5	0.6	4.3	--
04/28-29/08	113.82	--	18.93	0.00	94.89	**11,000**	<2,500	<250	**32**	4	3	22	--
4/29/08 (D)	113.82	--	--	--	--	**3,300**	<1,900	--	--	--	--	--	--
11/03/08	113.82	--	22.45	0.00	91.37	**12,000**	<3,500	460	**77**	7	4	17	--
04/13-16/09	113.82	--	14.63	0.00	99.19	**690**	83	110	2	<0.5	1	3	--
10/12-15/09	113.82	--	18.60	0.00	95.22	**25,000**	<1,400	490	22	2	19	10	--
04/19-22/10	113.82	--	15.92	0.00	97.90	**530**	95	78	2	<0.5	<0.5	0.5	--
01/17-20/11	113.82	--	13.99	0.00	99.83	**540**	230	<50	<0.5	<0.5	2	1	--
05/10-12/11	113.82	--	16.16	0.00	97.66	**1,900**	270	520	18	4	30	63	--
05/07-08/12	113.82	--	14.08	0.00	99.74	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
DPE-6													
11/28/05	--	--	--	--	--	170	<100	280	--	--	--	--	--
02/22/06	113.32	--	19.62	0.00	93.70	--	--	--	--	--	--	--	--
04/17/06	113.32	--	--	--	--	--	--	**38,000**	**3,000**	5,400	690	**4,900**	--
04/17/07	113.32	--	29.83	0.00	83.49	**110,000**	<9,300	**5,400**	**27**	39	35	350	--
12/04-05/07	113.32	--	28.51	0.00	84.81	**1,100**	<190	160	<2.0	0.6	<2.0	3.8	--
04/28-29/08	114.14	--	22.81	0.00	91.33	**8,500**	<480	460	1	6	2	32	--
4/29/08 (D)	114.14	--	--	--	--	**6,500**	<480	--	--	--	--	--	--
11/04/08	114.14	--	21.30	0.00	92.84	**11,000**	<1,300	**870**	16	12	7	63	--
04/13-16/09	114.14	--	20.60	0.00	93.54	**16,000**	**880**	**900**	**100**	6	16	24	--
10/12-15/09	114.14	--	20.51	0.00	93.63	**3,600**	<680	490	18	3	8	9	--
04/19-22/10	114.14	--	19.02	0.00	95.12	**10,000**	**2,000**	680	**44**	3	13	13	--
01/17-20/11	114.14	--	18.61	0.00	95.53	**16,000**	**27,000**	520	**42**	2	4	6	--

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GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
DPE-6 (cont.)													
05/10-12/11	114.14	--	18.44	0.00	95.70	**8,300**	**1,300**	510	16	2	5	14	--
05/07-08/12	114.14	--	18.80	0.00	95.34	**1,000**	<66	360	9	1	1	4	--
DPE-7													
11/28/05	--	--	--	--	--	**6,200**	<1,000	**17,000**	--	--	--	--	--
02/22/06	113.15	--	19.20	0.00	93.95	--	--	--	--	--	--	--	--
04/17/06	113.15	--	--	--	--	**8,600**	<500	**29,000**	**4,500**	1,800	470	**4,200**	--
04/17/07	113.15	--	27.00	0.00	86.15	**22,000**	<4,700	**3,800**	**78**	40	97	180	--
12/04-05/07	113.15	--	27.52	0.00	85.63	**120,000**	<9,900	760	**44**	1.7	28	15	--
04/28-29/08	113.13	--	22.26	0.00	90.87	**6,100**	<980	<250	7	2	2	6	--
4/29/08 (D)	113.13	--	--	--	--	**6,300**	<980	--	--	--	--	--	--
11/03/08	113.13	20.95	20.96	0.01	92.18	--	--	--	--	--	--	--	--
04/13-16/09[15]	113.13	--	19.90	0.00	93.23	--	--	--	--	--	--	--	--
10/12-15/09	113.13	--	20.25	0.00	92.88	--	--	--	--	--	--	--	--
04/19-22/10	113.13	--	18.76	0.00	94.37	--	--	--	--	--	--	--	--
01/17-20/11	113.13	--	18.29	0.00	94.84	--	--	--	--	--	--	--	--
05/10-12/11	113.13	--	18.22	0.00	94.91	--	--	--	--	--	--	--	--
05/07-08/12	113.13	--	18.40	0.00	94.73	--	--	--	--	--	--	--	--
DPE-8/MW-22													
10/26-27/04	104.83	--	--	--	--	**5,000**	<1,000	**54,000**	--	--	--	--	--
10/28-11/01/04	104.83	--	14.11	0.00	90.72	--	--	--	--	--	--	--	--
01/24-31/05	104.83	--	13.62	0.00	91.21	**980**	<250	**55,000**	**5,200**	6,300	1,500	**8,800**	--
04/18-21/05	104.83	--	13.72	0.00	91.11	**2,000**	<250	**40,000**	**4,600**	4,300	1,200	**6,800**	--
07/27-28/05	104.83	--	13.53	0.00	91.30	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	104.83	--	14.14	0.00	90.69	NOT SAMPLED		--	--	--	--	--	--
02/22/06	104.83	--	12.34	0.00	92.49	--	--	--	--	--	--	--	--
04/17/06	104.83	--	14.60	0.00	90.23	--	--	--	--	--	--	--	--
08/08/06	104.83	16.55	16.56	0.01	88.28	**2,000**	<210	**41,000**	**3,100**	3,500	1,200	**6,400**	--
08/19/06	104.83	15.30	15.65	0.35	89.46	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
08/31/06	104.83	15.21	16.33	1.12	89.40	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
09/15/06	104.83	15.47	16.55	1.08	89.14	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/17/06	104.35	15.75	17.12	1.37	88.32	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/24/06	104.35	16.59	16.59	0.00	87.76	**5,200**	**880**	**67,000**	**3,100**	4,900	1,800	**11,000**	--
04/17/07	104.35	--	20.28	0.00	84.07	**1,900,000**	**510,000**	**9,300**	**84**	34	35	**1,100**	--
12/04-05/07	104.35	--	20.23	0.00	84.12	**120,000**	**32,000**	**4,900**	2.6	1.0	3.5	49	--
04/28-29/08	104.49	--	18.63	0.00	85.86	**38,000**	**8,900**	**4,500**	14	5	11	29	--
04/30/08	104.49	NO PURGE NWTPHDx SAMPLE			--	**820,000**	**190,000**	--	--	--	--	--	--
04/30/08	104.49	FILTERED, NO PURGE NWTPHDx SAMPLE				**3,900**	<420	--	--	--	--	--	--
11/06/08	104.49	--	15.51	0.00	88.98	**18,000**	<3,300	**3,500**	**35**	16	19	140	--
04/13-16/09	104.49	--	13.87	0.00	90.62	**12,000**	**590**	**2,000**	7	1	3	6	--

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
DPE-8/MW-22 (cont.)													
10/12-15/09	104.49	--	13.90	0.00	90.59	**3,900**	<680	**940**	6	1	0.6	3	--
04/19-22/10	104.49	--	12.08	0.00	92.41	**2,000**	**510**	88	2	<0.5	<0.5	<0.5	--
01/17-20/11	104.49	--	11.60	0.00	92.89	**1,400**	**1,100**	<50	0.6	<0.5	<0.5	<0.5	--
05/10-12/11	104.49	--	11.50	0.00	92.99	**990**	450	120	1	<0.5	<0.5	<0.5	--
05/07-08/12	104.49	--	11.85	0.00	92.64	130	<70	<50	<0.5	<0.5	<0.5	<0.5	--
DPE-9													
10/17/06	103.38	--	14.92	0.00	88.46	--	--	--	--	--	--	--	--
10/18/06	103.38	--	14.92	0.00	88.46	--	--	--	--	--	--	--	--
10/24/06	103.38	Sheen	13.78	0.00	89.60	220	<100	<48	<0.5	<0.5	<0.5	<0.5	--
04/17-18/07	103.38	--	14.13	0.00	89.25	380	**530**	<50	<0.5	<0.5	<0.5	<1.5	--
12/04/07	103.38	--	16.23	0.00	87.15	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08	103.46	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
11/03/08	103.46	--	15.06	0.00	88.40	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/13-16/09[15]	103.46	--	12.30	0.00	91.16	--	--	--	--	--	--	--	--
10/12-15/09[15]	103.46	--	13.56	0.00	89.90	--	--	--	--	--	--	--	--
04/19-22/10[15]	103.46	--	11.51	0.00	91.95	--	--	--	--	--	--	--	--
01/17-20/11[15]	103.46	--	11.63	0.00	91.83	--	--	--	--	--	--	--	--
05/10-212/11[15]	103.46	--	11.10	0.00	92.36	--	--	--	--	--	--	--	--
05/07-08/12[15]	103.46	--	11.33	0.00	92.13	--	--	--	--	--	--	--	--
RW-2													
09/90	104.54	12.68	12.72	0.04	91.85	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
03/26-28/91	104.54	10.13	10.21	0.08	94.39	--	--	--	**19,000**	**46,000**	2,500	**120,000**	--
07/07/93	104.54	--	11.71	0.00	92.83	--	--	--	--	--	--	--	--
01/97	104.54	--	--	--	--	--	--	390	**31**	14	6	49	--
04/97	104.54	--	--	--	--	--	--	**11,000**	**189**	243	99	743	--
07/97	104.54	--	--	--	--	--	--	**24,000**	**4,230**	2,490	398	**2,732**	--
11/97	104.54	--	--	--	--	--	--	**4,400**	**3,140**	1,200	338	**2,265**	--
07/24/02	106.63	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
10/17-18/02	106.63	--	14.44	0.00	92.19	**988**	<500	**1,380**	**90.5**	8.05	29.2	31.5	2.23
01/21/03	106.63	--	10.61	0.00	96.02	<250	<500	126	**33.5**	0.859	1.28	4.11	<1.00
04/23-24/03	106.63	--	10.30	0.00	96.33	<250	<500	55.7	<0.500	<0.500	0.642	2.64	<1.00[13]
06/30-07/01/03	106.63	--	13.72	0.00	92.91	**505**	<500	**2,380**	**53.5**	8.72	39.8	43.2	1.43[13]
10/01-02/03	106.63	--	15.05	0.00	91.58	**1,400**	<250	**2,300**	**75**	7.3	29	33	4.9[13]
01/21-23/04	106.63	--	10.22	0.00	96.41	<250	<250	53	1.2	0.7	1.3	8.9	<1.2[13]
04/29-30/04	106.63	--	13.31	0.00	93.32	270	<250	81	11	0.9	2.0	1.9	<0.99[13]
07/15-16/04	106.63	--	14.41	0.00	92.22	<250	<500	634	**25.7**	2.39	6.18	3.55	<1.00[13]
08/03/04	106.63	--	14.90	0.00	91.73	--	--	--	--	--	--	--	--
10/28-11/01/04	106.63	--	14.68	0.00	91.95	**280,000**	<40,000	**26,000**	**410**	63	470	950	--
01/24-31/05	106.63	--	11.57	0.00	95.06	<250	<250	94	<0.5	<0.5	<2.0	2.5	--

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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[5] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
RW-2 (cont.)													
04/18-21/05	106.63	--	9.18	0.00	97.45	260	<250	130	0.8	<0.5	2.3	6.1	--
07/27-28/05	106.63	--	14.16	0.00	92.47	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	106.63	--	9.99	0.00	96.64	NOT SAMPLED		--	--	--	--	--	--
04/17/06	106.63	--	10.80	0.00	95.83	--	--	--	--	--	--	--	--
10/18/06	106.63	--	17.96	0.00	88.67	--	--	--	--	--	--	--	--
04/17-18/07	106.63	--	17.12	0.00	89.51	**15,000**	<1,900	650	**54**	12	10	35	--
12/04-06/07	106.63	--	15.21	0.00	91.42	400	<100	<50	<0.5	<0.5	<0.5	<1.5	--
04/28-29/08	106.63	--	15.84[16]	0.00	90.79	**890**	<95	190	12	1	0.9	2	--
11/04/08	106.63	--	15.66	0.00	90.97	**1,000**	<66	**890**	**82**	9	14	6	--
04/13-16/09	106.63	--	13.80	0.00	92.83	**840**	<65	340	21	0.9	0.5	0.8	--
10/12-15/09	106.63	--	14.75	0.00	91.88	**4,300**	<680	**1,100**	**35**	4	7	11	--
04/19-22/10	106.63	--	12.56	0.00	94.07	430	240	160	9	0.7	<0.5	<0.5	--
01/17-20/11	106.63	--	9.70	0.00	96.93	270	190	150	<0.5	<0.5	8	16	--
05/10-12/11	106.63	--	11.96	0.00	94.67	230	91	<50	<0.5	<0.5	<0.5	<0.5	--
05/07-08/12	106.63	--	11.40	0.00	95.23	<30	<69	<50	<0.5	<0.5	2	3	--
RW-3													
07/07/93	100.70	--	16.14	0.00	84.56	--	--	--	--	--	--	--	--
07/24/02	100.70	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
10/17-18/02	100.70	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
01/21/03	100.70	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
04/23-24/03	100.70	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
06/30-07/01/03	100.70	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
10/01-02/03	100.70	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
01/21-23/04	100.70	--	10.32	0.00	90.38	**3,000**	270	**9,100**	**4,400**	360	520	**1,300**	12.0[13]
04/29-30/04	100.70	--	10.19	0.00	90.51	**5,200**	<250	**11,000**	**5,000**	750	550	**1,600**	10.6[13]
07/15-16/04[15]	100.70	--	10.59	0.00	90.11	**1,300**	**1,330**	**18,900**	**5,350**	341	554	**1,350**	2.32[13]
10/28-11/01/04	100.70	--	10.98	0.00	89.72	**680**	<250	**10,000**	**4,800**	120	680	**1,100**	--
01/24-31/05	100.70	--	10.49	0.00	90.21	**770**	<250	**6,600**	**3,000**	170	460	940	--
04/18-21/05	100.70	--	10.17	0.00	90.53	**3,700**	<250	**8,200**	**3,900**	380	550	**1,300**	--
07/27-28/05	100.70	--	10.45	0.00	90.25	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	100.70	--	10.57	0.00	90.13	NOT SAMPLED		--	--	--	--	--	--
04/17/06	100.70	--	10.72	0.00	89.98	--	--	--	--	--	--	--	--
10/18/06	100.70	--	12.55	0.00	88.15	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
RW-4													
06/25/93	110.82	--	20.76	0.00	90.06	--	--	--	--	--	--	--	--
07/07/93	110.82	--	21.65	0.00	89.17	--	--	**14,000**	**6,500**	2,800	370	**2,000**	--
07/24/02	110.82	--	18.30	0.00	92.52	**15,000**	<2,000	**990**	**62**	1.3	32	7.0	3.3
10/17-18/02	110.82	--	19.29	0.00	91.53	**8,930**	**939**	**3,160**	**59.8**	2.50	40.4	15.6	1.23

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TABLE 1

GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
RW-4 (cont.)													
01/21/03	110.82	--	17.88	0.00	92.94	**2,830**	<500	689	0.991	<0.500	2.37	7.03	<1.00
04/23-24/03	110.82	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
06/30-07/01/03	110.82	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
10/01-02/03	110.82	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
01/21-23/04	110.82	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/29-30/04	110.82	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
07/15-16/04	110.82	17.98	18.20	0.22	92.80	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
10/28/04	110.82	--	18.44	0.00	92.38	--	--	--	--	--	--	--	--
10/28-11/01/04	110.82	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/24-31/05	110.82	--	18.04	0.00	92.78	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/18-21/05	110.82	--	17.86	0.00	92.96	NOT SAMPLED DUE TO INSUFFICIENT WATER/OBSTRUCTION						--	--
07/27-28/05	110.82	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
11/08-10/05	110.82	--	0.00	0.00	110.82	NOT SAMPLED		--	--	--	--	--	--
10/18/06	110.82	--	23.64	0.00	87.18	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
RW-5													
07/07/93	104.22	--	12.34	0.00	91.88	--	--	--	--	--	--	--	--
07/24/02	104.22	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
10/17-18/02	104.22	--	12.63	0.00	91.59	**84,900**	**3,650**	**3,370**	**696**	67.2	63.0	408	3.91
01/21/03	104.22	--	11.81	0.00	92.41	**1,860**	<500	493	17.1	4.43	1.37	52.9	13.3
04/23-24/03	104.22	--	11.31	0.00	92.91	**2,050**	<500	2,490	9.73	13.4	<5.00	870	7.31[13]
06/30-07/01/03	104.22	--	11.91	0.00	92.31	**8,010**	<500	2,170	**34.6**	20.3	8.10	**1,050**	1.98[13]
10/01-02/03	104.22	--	13.29	0.00	90.93	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
01/21-23/04	104.22	--	11.52	0.00	92.70	**1,800**	<250	470	**64**	12	2.5	65	1.6[13]
04/29-30/04	104.22	--	11.88	0.00	92.34	NOT SAMPLED DUE TO WIRE OBSTRUCTI				--	--	--	--
07/15-16/04[15]	104.22	--	13.32	0.00	90.90	NOT SAMPLED DUE TO INSUFFICIENT WATER/OBSTRUCTION						--	--
10/28-11/01/04	104.22	--	12.98	0.00	91.24	**36,000**	<10,000	**890**	**120**	12	11	58	--
01/24-31/05	104.22	--	11.31	0.00	92.91	**3,200**	360	**880**	**45**	13	6.6	190	--
04/18-21/05	104.22	--	11.40	0.00	92.82	**1,900**	400	150	1.3	<0.5	0.8	9.4	--
07/27-28/05	104.22	--	12.16	0.00	92.06	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05	104.22	INACCESIBLE - UNABLE TO MONITOR DUE TO CONSTRUCTION							--	--	--	--	--
04/17/06	104.22	--	12.41	0.00	91.81	--	--	--	--	--	--	--	--
10/18/06	104.22	--	14.38	0.00	89.84	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													

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TABLE 1

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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
MP-1													
07/24/02	--	INACCESIBLE - UNABLE TO OPEN WELL				--	--	--	--	--	--	--	--
10/17-18/02	--	INACCESIBLE - UNABLE TO OPEN WELL				--	--	--	--	--	--	--	--
08/03/04	104.95	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/17/06	104.95	--	4.32	0.00	100.63	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
MP-2													
07/24/02	--	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--
08/03/04	97.04	--	115.00	0.00	-17.96	--	--	--	--	--	--	--	--
04/17/06	97.04	--	114.56	0.00	-17.52	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
Station 5													
04/05/91	--	--	--	--	--	--	--	**7,400**	**5,040**	12.3	42.1	41.2	--
04/05/91	--	--	--	--	--	--	--	**7,030**	**3,850**	15.0	51.8	50.9	--
04/05/91	--	--	--	--	--	--	--	**3,000**	0.9 J	13.8	10.2	134	--
04/19/91	--	--	--	--	--	--	--	<0.05	<0.5	<1.0	<1.0	1.4 J	--
NOT MONITORED/SAMPLED													
DVP-1													
09/12/02	--	--	6.00	--	--	--	--	**98,100**	**7,640**	18,600	2,660	**15,000**	--
09/12/02	--	--	6.00	--	--	--	--	**107,000**	**13,500**	**19,100**	2,140	**12,400**	--
09/12/02	--	--	6.00	--	--	--	--	**102,000**	**12,300**	17,400	1,980	**11,500**	--
NOT MONITORED/SAMPLED													
TRIP BLANK													
TB-1-1909J													
04/28/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
TB-2-1909J													
04/29/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
TB-3-1909J													
04/30/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
TB-4-1909J													
05/01/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
TB-5-1909J													
05/02/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FIELD BLANK													
FB-1-04/28/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-2-04/29/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-3-04/29/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-1-04/22/10	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-2-04/20/10	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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TABLE 1
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631 Queen Anne Avenue North
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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
FIELD BLANK (cont.)													
FB-3-04/21/10	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-1-01/20/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-2-01/18/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-3-01/18/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-1-05/12/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-2-05/10/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-3-05/10/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-1-05/08/12	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-2-05/08/12	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
FB-3-05/08/12	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
QA													
07/24/02	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	--
10/17-18/02	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--
11/14/02	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--
01/21/03	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23-24/03	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--
06/30-07/01/03	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--
10/01-02/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/14/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
01/21-23/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
04/29-30/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
05/03/00	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/15-16/04	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.00	--
10/26-27/04	--	--	--	--	--	--	--	<50	--	--	--	--	--
10/28-11/01/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
01/24-31/05	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
02/10/05	--	--	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	--
02/17/05	--	--	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	--	--	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/03/08	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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TABLE 1

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631 Queen Anne Avenue North
Seattle, Washington

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	D. Lead (µg/L)
QA (cont.)													
04/14/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/15/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/16/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/13/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/14/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/15/09	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/20/10	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/21/10	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/10	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/20/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/10/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/11/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/12/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/08/12	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--
Standard Laboratory Reporting Limits:								50	0.5	0.5	0.5	1.5	1.00
Groundwater Cleanup Levels[1]						500	500	800/1,000	23	19,000	6,900	1,000	15
Current Method:						NWTPH-Dx Extended[4]		NWTPH-Gx and USEPA 8020B					USEPA 7421

Abbreviations:

(D) = Duplicate
D. Lead = Dissolved Lead
DTW/P = Depth to Water or Product
(ft.) = Feet
GWE = Groundwater Elevation
J = Estimated result between the MDL and the laboratory reporting limit
MDL = Method dectection limit
MTCA = Model Toxics Control Act Cleanup Regulations
QA = Quality Assurance/Trip Blank
SAIC = SAIC Energy, Environment & Infrastructure, LLC
-- = Not Measured/Not Analyzed
SPH = Separate-Phase Hydrocarbons
SPHT = SPH Thickness
TOC = Top of Casing
TPH = Total Petroleum Hydrocarbons
TPH-DRO = TPH as Diesel-Range Organics
TPH-GRO = TPH as Gasoline-Range Organics
TPH-HRO = TPH as Heavy Oil-Range Organics
USEPA = United States Environmental Protection Agency
µg/L = Micrograms per liter
< = Analyte not detected at or above the laboratory reporting limit. Number represents reporting limit
DRY = The difference between the DTW and the total depth of the well was less than 0.20 inch in thickness, or there was insufficient water column to collect a DTW measurement

Notes:

1 Analytical results in bold font indicate concentrations exceeding cleanup levels. Groundwater cleanup levels based on Method B standard formula values for protection of surface water. Where no value exists, cleanup levels are based on MTCA Method A cleanup levels as allowed by WAC chapter 173-340-730.
2 TOC elevations have been surveyed in feet based on an arbitrary benchmark.
3 GWE corrected for the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.8)].
4 Analized with silica-gel cleanup.
5 Laboratory report indicates the heavy oil range organics present are due to hydrocarbons eluting primarily in the diesel range.
6 Laboratory report indicates this sample was received and analyzed unpreserved.
7 Laboratory report indicates results in the diesel organics range are primarily due to overlap from a gasoline range product.

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS[1]
FORMER TEXACO SERVICE STATION NO. 211577
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Seattle, Washington

Notes (cont.):

8 Laboratory report indicates the sample chromatographic pattern does not resemble the fuel standard used for quantitation.
9 Sample container broken during transport to laboratory.
10 Laboratory report indicates this sample was analyzed outside of our recommended holding time. See case narrative.
11 Absorbent sock in well.
12 Laboratory report indicates the hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
13 Laboratory report indicates this sample was laboratory filtered.
14 Due to limited sample volume; no results will be provided.
15 Pump in well.
16 DTW was adjusted to reflect the difference in measuring tape lengths between different water level meters used to collect DTW measurements across the site.
17 Resampled at a later date due to original samples not returned to lab for analysis within the sample holding period.
18 Laboratory report indicates preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.
19 Reporting limits were raised due to interference from the sample matrix.

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR MONITORED NATURAL ATTENUATION PARAMETERS
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/Date	Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (µg/L)	Nitrite as Nitrogen (µg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (µg/L)	Sulfide (µg/L)
VP-5/MW-5									
04/19-22/10	366	1,740	4,700	<400	73,300	69,500	<460	130	<54
01/17-20/11	2,350	234	11,600	<400	51,300	36,900	<460	26	<54
05/10-12/11	1,240	1,480	5,000	<400	70,100	63,100	<460	560	<54
05/07-08/12	9,890	3,240	7,200[2]	<400[2]	48,900	50,000	<700	48	<54
VP-8/ MW-7									
12/11/08	5,470	527	840	<200	109,000	193,000	<460	<100	<54
04/13-16/09	1,690	217	770	<400	43,700	149,000	<460	960	<54
10/12-15/09	1,220	187	2,300	<400	29,200	112,000	<460	2,800	<54
04/19-22/10	4,400	311	3,300	<400	23,700	112,000	<460	1,200	140
01/17-20/11	71,700	4,330	45,600	<400	28,100	15,700	<460	33	<54
05/10-12/11	1,460	122	3,800	<400	57,800	137,000	<460	500	<54
05/07-08/12	144,000	3,420	17,300[2]	<400[2]	39,900	78,000	<700	80	<54
MW-4									
11/10/08	<52.2	1,460	4,720	<200	220,000	117,000	<460	<100	<54
04/13-16/09	299	3,570	1,300	<400	133,000	206,000	<460	420	<54
10/12-15/09	643	6,300	<250	<400	99,200	267,000	<460	690	230
04/19-22/10	876	5,370	<250	<400	23,900	233,000	<460	690	81
01/17-20/11	4,210	2,630	1,900	<400	21,100	217,000	<460	890	<54
05/10-12/11	6,760	6,130	<250	<400	27,800	255,000	<460	1,500	<54
05/07-08/12	6,700	6,720	2,700[2]	<400[2]	11,000	323,000	<700	1,000	<54
MW-6									
05/01/08	22,900	5,170	560	<200	155,000	57,400	<460	17,300	270
11/10/08	6,590	32,400	21,100	300	785,000	38,900	<460	698	<54
11/10/08 (D)	6,370	32,700	21,000	310	843,000	39,200	<460	819	<54
04/13-16/09	8,860	14,800	280	<400	248,000	298,000	<460	3,500	<54
10/12-15/09	4,060	5,560	<250	<400	72,900	397,000	<460	4,800	230
04/19-22/10	33,600	15,500	<250	<400	151,000	400,000	<460	37,100	150
01/17-20/11	43,500	23,100	<250	<400	270,000	327,000	<460	43,400	110
05/10-12/11	35,500	33,800	<250	<400	96,800	702,000	<460	22,800	340
05/07-08/12	25,000	23,900	<250[2]	<400[2]	98,000	394,000	<700	20,700	850

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR MONITORED NATURAL ATTENUATION PARAMETERS
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/Date	Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (µg/L)	Nitrite as Nitrogen (µg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (µg/L)	Sulfide (µg/L)
MW-9									
11/10/08	23,400	21,400	<200	<200	13,800	578,000	<460	2,500	200
04/13-16/09	31,200	37,000	<250	<400	242,000	354,000	<460	30,200	110
10/12-15/09	25,300	20,700	<250	<400	116,000	384,000	<460	25,000	130
04/19-22/10	25,900	13,200	<250	<400	128,000	328,000	<460	25,300	67
01/17-20/11	68,500	69,300	<250	<400	88,800	360,000	<460	27,500	410
05/10-12/11	23,300	10,800	<250	<400	64,700	339,000	<460	17,200	290
05/07-08/12	39,100	11,400	<250	<400	48,100	341,000	<700	18,000	2,500
MW-10									
05/01/08	32,800	3,110	320	<200	33,900	208,000	<460	--	<54
11/10/08	390	1,570	1,330	<200	45,900	168,000	<460	120	<54
04/13-16/09	575	2,860	2,000	<400	64,400	192,000	<460	510	<54
10/12-15/09	2,970	3,350	<250	<400	79,600	181,000	<460	470	<54
04/19-22/10	1,410	960	3,500	<400	50,700	227,000	<460	29	<54
01/17-20/11	5,210	4,460	9,200	<400	33,300	229,000	<460	<10	<54
05/10-12/11	3,680	2,220	3,800	<400	37,300	199,000	<460	100	<54
05/07-08/12	2,290	1,310	6,900	<400	35,400	167,000	<700	57	<54
MW-14									
04/19-22/10	8,080	7,530	<250	<400	127,000	342,000	<460	8,600	93
01/17-20/11	28,300	6,880	<250	<400	38,800	308,000	<460	10,100	110
05/10-12/11	14,900	6,770	<250	<400	33,300	320,000	<460	10,700	130
05/07-08/12	35,700	8,480	<250[2]	<400[2]	19,300	394,000	<700	13,800	5,900
MW-15									
12/11/08	116	96	490	<200	25,400	44,400	<460	<100	<54
04/13-16/09	405	139	<250	<400	6,600	29,100	<460	<10	<54
10/12-15/09	274	330	<250	<400	99,800	84,800	<460	37	<54
04/19-22/10	<52.2	7.2	<250	<400	3,100	45,000	<460	<10	<54
01/17-20/11	4,600	238	<250	<400	2,300	41,300	<460	20	<54
05/10-12/11	793	146	<250	<400	2,700	42,200	<460	44	<54
05/07-08/12	4,150	582	<250[2]	<400[2]	13,300	87,100	<700	40	<54
MW-16									
05/02/08	2,250	1,240	1,630	600	23,900	121,000	<460	<250	<54
11/06/08	181	1,900	5,580	<200	46,200	50,300	<460	<100	<54
04/13-16/09	508	205	9,800	<400	24,900	63,100	<460	<10	<54
10/12-15/09	78.4	172	14,900	<400	24,700	67,300	<460	17	<54

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR MONITORED NATURAL ATTENUATION PARAMETERS
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/Date	Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (µg/L)	Nitrite as Nitrogen (µg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (µg/L)	Sulfide (µg/L)
MW-16 (cont.)									
04/19-22/10	925	1,630	7,900	<400	22,300	58,100	<460	<10	<54
01/17-20/11	43,600	4,020	5,900	<400	14,500	67,400	<460	10	<54
05/10-12/11	2,480	1,660	6,400	<400	17,300	55,700	<460	81	<54
05/07-08/12	1,390	2,350	5,700	<400	11,700	58,900	<700	<10	<54
MW-17									
05/01/08	2,820	2,570	<200	<200	27,600	111,000	<460	<250	<54
11/06/08	499	1,990	1,500	<200	65,700	92,800	<460	<100	<54
11/06/08 (D)	647	2,450	1,090	<200	68,400	111,000	<460	<100	<54
04/13-16/09	343	1,520	1,500	<400	68,000	92,900	<460	130	<54
10/12-15/09	273	2,890	2,900	<400	28,000	218,000	<460	180	<54
04/19-22/10	1,150	1,090	6,100	<400	26,000	74,900	<460	<10	<54
01/17-20/11	134	116	4,600	<400	26,000	75,400	<460	<10	<54
05/10-12/11	912	1,870	1,600	<400	30,000	90,500	<460	43	<54
05/07-08/12	890	1,060	9,900[2]	<400[2]	34,000	78,500	<700	44	<54
MW-18									
12/11/08	3,170	4,300	<200	<200	55,300	266,000	<460	<100	<54
04/13-16/09	8,880	3,220	<250	<400	77,500	196,000	<460	2,100	<54
10/12-15/09	2,670	3,820	<250	<400	41,900	247,000	<460	2,900	66
04/19-22/10	420	1,900	4,100	<400	32,800	178,000	<460	120	<54
01/17-20/11	106,000	710	7,200	<400	22,000	107,000	<460	18	<54
05/10-12/11	525	1,050	6,600	<400	28,100	162,000	<460	31	<54
05/07-08/12	3,990	624	8,100[2]	<400[2]	25,900	116,000	<700	75	<54
MW-21									
05/01/08	8,110	395	<200	<200	21,900	268,000	<460	2,130	<54
11/06/08	5,980	374	<200	<200	18,400	260,000	<460	216	<54
04/13-16/09	6,260	334	<250	<400	18,900	245,000	<460	4,600	<54
10/12-15/09	4,740	299	<250	<400	19,900	234,000	<460	5,100	<54
04/19-22/10	7,320	200	<250	<400	20,600	164,000	<460	3,900	<54
01/17-20/11	55,800	930	<250	<400	40,900	198,000	<460	6,100	140
05/10-12/11	27,200	514	<250	<400	42,700	202,000	<460	4,600	<54
05/07-08/12	8,860	399	<250[2]	<400[2]	39,100	238,000	<700	4,700	<54
MW-25									
04/19-22/10	<52.2	1,280	1,600	<400	28,600	180,000	<460	<10	<54
01/17-20/11	8,470	1,880	3,600	<400	23,800	168,000	<460	46	<54
05/10-12/11	1,460	1,430	890	<400	21,200	157,000	<460	51	<54
05/07-08/12	624	1,250	3,600[2]	<400[2]	12,800	134,000	<700	<10	<54

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR MONITORED NATURAL ATTENUATION PARAMETERS
FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/Date	Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (µg/L)	Nitrite as Nitrogen (µg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (µg/L)	Sulfide (µg/L)
MW-26									
05/01/08	3,030	3,660	<200	<200	137,000	129,000	<460	373	57
05/01/08 (D)	3,210	3,660	<200	<200	133,000	131,000	<460	817	<54
11/06/08	4,260	3,710	800	<200	117,000	156,000	<460	275	78
04/13-16/09	319	1,380	5,600	<8,000[3]	16,500	142,000	<460	71	<54
10/12-15/09	<52.2	1,040	10,300	<400	60,800	88,400	<460	12	<54
04/19-22/10	<52.2	48.4	17,700	<400	44,300	87,200	<460	12	<54
01/17-20/11	98.3	55.6	15,300	<400	33,700	97,100	<460	20	<54
05/10-12/11	<52.2	29.7	19,400	<400	51,300	93,800	<460	23	<54
05/07-08/12	34,800	7,170	8,800[2]	<400[2]	38,100	103,00	<700	<10	<54
MW-30									
04/30/08	1,570	144	4,910	<200	16,500	228,000	<460	<250	<54
11/06/08	196	108	4,110	<200	10,700	226,000	<460	<100	<54
11/06/08 (D)	325	92.9	4,090	<200	11,000	224,000	<460	<100	<54
04/13-16/09	410	174	4,800[1]	<400	13,200	225,000	<460	<10	<54
10/12-15/09	59.8	120	9,500	<400	15,500	216,000	<460	<10	<54
04/19-22/10	1,830	352	690	<400	8,100	281,000	<460	<33	<54
01/17-20/11	71,800	6,500	22,700	<400	28,800	267,000	<460	<10	<54
05/10-12/11	53,800	4,410	23,200	<400	27,600	223,000	<460	<10	<110
05/07-08/12	189,000	8,160	20,800[2]	<400[2]	36,200	227,000	<700	<10	<110
MW-31									
04/19-22/10	567	10.1	340	<400	57,300	161,000	<460	55	<54
01/17-20/11	247,000	6,290	710	<400	41,400	144,000	<460	10	<110
05/10-12/11	177,000	4,950	900	<400	43,700	136,000	<460	<10	<220
05/07-08/12	5,370	2,130	<250[2]	<400[2]	36,300	255,000	<700	3,100	<54
MW-33									
04/19-22/10	4,650	236	<250	<400	17,300	252,000	<460	4,100	460
01/17-20/11	12,300	366	<250	<400	30,900	243,000	<460	3,900	3,900
05/10-12/11	7,480	520	<250	<400	42,600	236,000	<460	3,200	1,600
05/07-08/12	5,060	390	<250[2]	<400[2]	55,000	271,000	<700	3,600	480
MW-34									
04/30/08	1,750	37.4	11,400	<200	23,000	113,000	<460	<250	<54
11/06/08	426	15.7	15,900	<200	24,500	90,100	<460	<100	<54
04/13-16/09	<52.2	0.91	15,200	<400	47,400	96,100	<460	75	<54
10/12-15/09	576	15.3	12,300	<400	37,100	102,000	<460	30	<54
04/19-22/10	8,360	175	9,900	<400	23,400	99,600	<460	37	<54
01/17-20/11	175,000	3,290	11,700	<400	21,200	85,200	<460	21	<220
05/10-12/11	311,000	5,820	12,400	<400	23,200	84,700	<460	<10	<54
05/07-08/12	2,460	49.7	13,700[2]	<400[2]	25,000	84,600	<700	34	<54

SAIC

TABLE 2
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FORMER TEXACO SERVICE STATION NO. 211577
631 Queen Anne Avenue North
Seattle, Washington

Well ID/Date	Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (µg/L)	Nitrite as Nitrogen (µg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (µg/L)	Sulfide (µg/L)
MW-35									
05/01/08	2,010	3,620	<200	<200	<1500	391,000	<460	636	<54
04/13-16/09	21,300	2,330	<250	<400	21,700	357,000	<460	1,950	73
10/12-15/09	14,700	1,880	<250	<400	37,100	214,000	<460	2,900	170
04/19-22/10	45,100	2,230	<250	<400	46,500	200,000	<460	4,600	400
01/17-20/11	100,000	3,140	340	<400	80,200	173,000	<460	2,000	170
05/10-12/11	59,800	3,040	710	<400	74,900	176,000	<460	980	<54
05/07-08/12	65,600	2,690	<250[2]	<400[2]	65,800	182,000	<700	1,300	<54
DPE-8/MW-22									
11/06/08	99,600	22,300	<200	<200	4,200	529,000	<460	4,620	580
04/13-16/09	24,200	5,980	340	<400	47,300	228,000	<460	23,700	140
10/12-15/09	13,600	3,830	<250	<400	46,800	188,000	<460	15,100	610
04/19-22/10	2,370	1,280	<250	<400	61,600	109,000	<460	1,500	<54
01/17-20/11	1,340	267	3,500	<400	34,500	68,900	<460	<10	<54
05/10-12/11	4,620	2,820	470	<400	72,400	98,200	<460	690	<54
05/07-08/12	3,140	652	1,700	<400	35,700	104,000	<700	57	<54
Current Method:	SW-8460 6010B		USEPA 300.0			SM20 2320 B		SM20 4500 S2 D	

Abbreviations:

(D) = Duplicate

USEPA = United States Environmental Protection Agency

µg/L = Micrograms per liter

mg/L = Milligrams per liter

-- = Not Measured/Not Analyzed

< = Analyte not detected at or above the laboratory reporting limit. Number represents reporting limit

Notes:

1 Re-sampled at a later date due to original sample not returened to lab for analysis within the sample holding period. The first trial result is being reported.

2 Analysis performed outside of holding time.

3 Reporting limits were raised due to interference from the sample matrix.

SAIC

Attachment A:
Groundwater Monitoring and Sampling Data Package

GETTLER-RYAN INC.

TRANSMITTAL

May 18, 2012
G-R #386765

TO: Mr. Russell Shropshire
SAIC
18912 North Creek Parkway, Suite 101
Bothell, WA 98011

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Former Texaco Service Station
631 Queen Anne Avenue North
Seattle, Washington
(Site #211577)

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **First Semi-Annual Event of May 7 and 8, 2012 Resampling of Wells MW-9, MW-10, MW-16, and DPE-8, May 9, 2012**

COMMENTS:

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

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

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

trans/211577

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	Chevron #211577	Date:	5-7/12-8-12
Address:	631 Queen Anne North		
City/St.:	Seattle, WA		
Status of Site:			

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

#	Description	Condition	Labeling	Contents	Location
1	16g Auto	GOOD	GOOD	SOIL	FRONT OF ENCLOSURE

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

Well ID	Gaskets (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Well Plug Y/N	Well Lock Y/N	Well Box Manufacturer/Size/# of Bolts	Other
VP-2	R	R x 3	R	R	8" MORRIS x 3	
VP-4	R	OK	R	R	8" MORRIS x 3	
VP-5(MW-5)	R	R x 1	R	R	8" MORRIS x 3	
VP-7(MW-3)	R	OK	R	R	8" MORRIS x 3	
VP-8(MW-7)	R	OK	R	R	8" MORRIS x 3	
VP-9	R	GOOD	R	R	8" MORRIS x 3	
MW-4	R	OK	R	R	8" MORRIS x 3	
MW-6	R	GOOD	R	R	8" MORRIS x 3	
MW-9	R	OK	R	R	8" MORRIS x 3	
MW-10	R	OK	R	R	8" MORRIS x 3	1 BROKEN FLANGE
MW-11	R	[redacted] OK	R	R	~~8" MORRIS x 3~~ HOLLYWOOD 8" x 2	
MW-12	R	R x 3	R	R	8" MORRIS x 3	
MW-13	R	OK	R	R	8" MORRIS x 3	
MW-14	R	OK	R	R	8" MORRIS x 3	
MW-15	R	OK	R	R	8" MORRIS x 3	
MW-16	R	OK	R	R	8" MORRIS x 3	
MW-17	R	OK	R	R	8" MORRIS x 3	
MW-18	R	OK	R	R	8" MORRIS x 3	
MW-19	R	OK	R	R	8" MORRIS x 3	
MW-20	R	OK	R	R	8" MORRIS x 3	
MW-21	OK	R x 3	R	R	8" MORRIS x 3	1 BROKEN Flange
MW-23	OK	OK	R	R	6" MORRIS x 2	

Additional Comments/Observations: 1 Stat

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	Chevron #211577	Date:	5/7-8/12
Address:	631 Queen Anne North		
City/St.:	Seattle, WA		
Status of Site:			

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

--Continued--

Well ID	Gaskets (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Well Plug Y/N	Well Lock Y/N	Well Box Manufacturer/Size/# of Bolts	Other
MW-24	OK	OK	R[1]	R	PEMCO 6" x 2	Retapped 1 Bolt Hole
MW-25	R	OK	R[4]	R	MORRIS 12" x 3	
MW-26	R	OK	R[4]	R	MORRIS 12" x 3	
MW-30	R	OK	R[2]	R	MORRIS 8" x 3	
MW-31	R	R x 3	R[2]	R	MORRIS 8" x 3	
MW-32	OK	OK	R[2]	R	MORRIS 8" x 3	
MW-33	R	OK	R[2]	R	MORRIS 8" x 3	
MW-34	R	OK	OK[2]	OK	MORRIS 8" x 3	
MW-35	OK	OK	R[2]	R	MORRIS 8" x 3	
RW-2	R	R x 3	OK	OK	MORRIS 12" 3	
DPE-1(VP-6)	OK	OK	OK[2]	OK[2]	3' GENERIC x 4	
DPE-2	OK	OK	OK	OK	3' GENERIC x 4	
DPE-3	OK	OK	OK	OK	3' GENERIC x 4	
DPE-4	OK	OK	OK	OK	3' GENERIC x 4	
DPE-5	OK	OK	OK	OK	3' GENERIC x 4	
DPE-6	GOOD	GOOD	GOOD	GOOD	3' GENERIC x 4	
DPE-7	GOOD	GOOD	GOOD	GOOD	3' GENERIC x 4	
DPE-8	OK	OK	OK	OK	3' GENERIC x 4	
DPE-9	OK	OK	OK	OK	3' GENERIC x 4	

Additional Comments/Observations: _____

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize. Purge water is treated by filtering the water through granular activated carbon and is subsequently discharged to the ground surface at the site.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

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

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5-7/9-9-12 (inclusive)

City: **Seattle, WA** Sampler: J.P/M.L/G

Well ID VB-2

Well Diameter 2 in.

Total Depth 14.92 ft.

Depth to Water 12.12 ft.

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

Date Monitored: 5-7-12

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

☐ Check if water column is less then 0.50 ft.

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

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:

Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:

Add/Replaced Lock: — Add/Replaced Plug: — Add/Replaced Bolt: R-3

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765

Site Address: 631 Queen Anne North Event Date: 5/7-8/12 (inclusive)

City: Seattle, WA Sampler: GY

Well ID: VP-4 Date Monitored: 5/7/12

Well Diameter: 2 in.

Total Depth: 14.10 ft.

Depth to Water: 11.15 ft. ☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

Start Time (purge): 1020 Weather Conditions: Sunny

Sample Time/Date: 1050 / 5/8/12 Water Color: Clear Odor: Y / (N)

Approx. Flow Rate: 200 mlpm Sediment Description: None

Did well de-water? No If yes, Time: — Volume: ______ gal. DTW @ Sampling: 11.33

Time (2400 hr.)	Volume (Liters)	pH	Conductivity mS (~~µmhos/cm - µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1035	3	6.21	.471	15.1	0.0	-27.9	11.32
1038	3.6	6.20	.470	15.2	0.0	-27.9	11.33
1041	4.2	6.21	.469	15.2	0.0	-28.1	11.33

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
VP-4	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 13.00

Add/Replaced Lock: X Add/Replaced Plug: X Add/Replaced Bolt: ______

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5/7-8/12 (inclusive)

City: **Seattle, WA** Sampler: GM

Well ID VP-5 Date Monitored: 5/7/12

Well Diameter 2 in.

Total Depth 16.50 ft.

Depth to Water 10.75 ft.

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

☐ Check if water column is less then 0.50 ft.

5.75 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

Start Time (purge): 0925 Weather Conditions: Sunny

Sample Time/Date: 1000 / 5/8/12 Water Color: CLEAR Odor: Y / N

Approx. Flow Rate: 200 mlpm Sediment Description: NO

Did well de-water? NO If yes, Time: ___ Volume: ___ gal. DTW @ Sampling: 10.88

Time (2400 hr.)	Volume (Liters)	pH	Conductivity MS (~~µmhos/cm µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0940	3	5.83	.470	16.8	1.35	127	10.56
0943	3.6	5.85	.469	16.9	1.32	125	10.57
0946	4.2	5.84	.471	16.8	1.32	124	10.88

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
VP-5	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 14.00 FT

Add/Replaced Lock: N Add/Replaced Plug: N Add/Replaced Bolt: N

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5.7/5.8.12 (inclusive)
City: Seattle, WA Sampler: J.P

Well ID VP-7 (MW-3)
Well Diameter 2 in.
Total Depth 12.64 ft.
Depth to Water 9.05 ft.
3.45 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Date Monitored: 5.7.12

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 11.0

Add/Replaced Lock: — Add/Replaced Plug: — Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5/7-8/12 (inclusive)

City: **Seattle, WA** Sampler: GM

Well ID VP-8 Date Monitored: 5/7/12

Well Diameter 2 in.

Total Depth 18.07 ft.

Depth to Water 11.03 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 0830 Weather Conditions: Sunny

Sample Time/Date: 0905 / 5/8/12 Water Color: CLEAR Odor: Y / (N)

Approx. Flow Rate: 200 mlpm Sediment Description: ND

Did well de-water? NO If yes, Time: ~ Volume: — gal. DTW @ Sampling: 11.18

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(µmhos/cm - pS)~~ MS	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0845	3	6.20	.437	16.0	1.12	107	11.17
0848	3.6	6.20	.437	16.1	1.11	103	11.17
0851	4.2	6.22	.438	16.2	1.09	104	11.15

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
VP-8	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 14.50 FT

IL. CONNECT

Add/Replaced Lock: — Add/Replaced Plug: — Add/Replaced Bolt: —

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5-7/5-8-17 (inclusive)
City: Seattle, WA | Sampler: JP

Well ID: VP-9
Well Diameter: 2 in.
Total Depth: 12.60 ft.
Depth to Water: 8.87 ft.
3.73 xVF ___ = ___

Date Monitored: 5-7-17

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

☐ Check if water column is less then 0.50 ft.

x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: ___

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/7-5/8/12 (inclusive)
City: Seattle, WA Sampler: MC

Well ID MW-4 Date Monitored: 5-7-12
Well Diameter 2 in.
Total Depth 17.46 ft.
Depth to Water 10.41 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1300 Weather Conditions: Sunny
Sample Time/Date: 1330 / 5-8-12 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200 mlpm Sediment Description: none
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 10.46

Time (2400 hr.)	Volume (Liters)	pH	Conductivity mS (~~umhos/cm~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1315	3	6.89	0.311	15.1	0.09	-69	10.46
1318	3.6	6.94	0.314	15.1	0.11	-64	10.46
1321	4.2	6.93	0.315	15.1	0.12	-65	10.46

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 14 feet
Replaced

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/2-5/8/12 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-6 Date Monitored: 5-7-12
Well Diameter 2 in.
Total Depth 28.20 ft.
Depth to Water 18.50 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1020 Weather Conditions: SUNNY
Sample Time/Date: 1050 / 5-8-12 Water Color: clear Odor: (Y) / N Light
Approx. Flow Rate: 200 mlpm Sediment Description: none
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 18.57

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(µmhos/cm µS)~~ mS	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1035	3	6.45	0.362	15.1	0.07	-42	18.86
1038	3.6	6.47	0.358	15.1	0.09	-39	18.57
1041	4.2	6.48	0.357	15.1	0.10	-38	18.87

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	2 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 23 feet
DUP-1 COLLECTED FROM THIS WELL
FB-1

Add/Replaced Lock: N Add/Replaced Plug: N Add/Replaced Bolt: —

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/7-5/8/12 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-9 Date Monitored: 5-7-12
Well Diameter 2 in.
Total Depth 27.25 ft.
Depth to Water 18.86 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 0735 Weather Conditions: SUNNY
Sample Time/Date: 0805 / 5-8-12 Water Color: CLOUDY Odor: NONE / SLIGHT
Approx. Flow Rate: 200 mlpm Sediment Description: LIGHT
Did well de-water? NO If yes, Time: ___ Volume: ___ gal. DTW @ Sampling: 18.90

Time (2400 hr.)	Volume (Liters)	pH	Conductivity µS (~~µmhos/cm~~ - ~~pS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0750	3	6.67	0.316	17.2	0.38	85	18.90
0753	3.6	6.70	0.318	17.3	0.40	81	18.90
0756	4.2	6.70	0.319	17.3	0.39	82	18.90

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	4 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 23 feet Due to missed hold times
~~RETURNED~~ ON 5-9-12 TO COLLECT ~~NITRATE~~ NITRATE/SULFATE SAMPLES, ~~SAMPLE TIME~~
SAMPLE TIME: 1015 AM R GASKET

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/7-5/8/12 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-10 Date Monitored: 5-7-12
Well Diameter 2 in.
Total Depth 29.04 ft.
Depth to Water 11.92 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:

Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): 0645 Weather Conditions: SUNNY
Sample Time/Date: 0715 / 5-8-12 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200 mlpm Sediment Description: none
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 11.97

Time (2400 hr.)	Volume (Liters)	pH	Conductivity mS (~~umhos/cm~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0700	3	6.92	0.369	16.0	0.17	-64.6	11.96
0703	3.6	6.97	0.373	16.0	0.21	-64.1	11.96
0706	4.2	6.98	0.374	16.0	0.20	-64.0	11.97

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 20 feet Due to missed hold times
* RETURNED ON 5-9-12 TO COLLECT Nitrate/Sulfate SAMPLES, SAMPLE TIME: 1030 AM ALASKA

Add/Replaced Lock: N Add/Replaced Plug: N Add/Replaced Bolt: —

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5.7/5.8.12 (inclusive)

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

Well ID MW-11 Date Monitored: 5.7.12

Well Diameter 2 in.

Total Depth 11.00 ft.

Depth to Water DRY ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

- Disposable Bailer
- Stainless Steel Bailer
- Stack Pump
- Suction Pump
- Grundfos
- Peristaltic Pump
- QED Bladder Pump
- Other:

Sampling Equipment:

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

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

Start Time (purge): _____ Weather Conditions: _____

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

Approx. Flow Rate: _____ mlpm Sediment Description: _____

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577
Job Number: 386765
Site Address: 631 Queen Anne North
Event Date: 5/7/08.12 (inclusive)
City: Seattle, WA
Sampler: J. Ryan

Well ID: MW-12
Date Monitored: 5.7.12
Well Diameter: 2 in.
Total Depth: 16.40 ft.
Depth to Water: 10.90 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:

NGOBKey

M/D

Add/Replaced Lock: ✓
Add/Replaced Plug: ✓
Add/Replaced Bolt: B-3

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5.7 / 5.8.12 (inclusive)
City: Seattle, WA | Sampler: J.P

Well ID MW-13
Well Diameter 2 in.
Total Depth 19.90 ft.
Depth to Water 16.87 ft.
3.03 xVF ___ = ___

Date Monitored: 5.7.12

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

☐ Check if water column is less then 0.50 ft.

x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: MW-13

Add/Replaced Lock: N Add/Replaced Plug: N Add/Replaced Bolt: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/7-5/8/12 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-14 Date Monitored: 5-7-12
Well Diameter 2 in.
Total Depth 24.58 ft.
Depth to Water 10.17 ft.

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

☐ Check if water column is less then 0.50 ft.

( ) xVF ( ) = ( ) x3 case volume = Estimated Purge Volume: ( ) gal.

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

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

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

Start Time (purge): 1210 Weather Conditions: SUNNY
Sample Time/Date: 1240 / 5-8-12 Water Color: Clear Odor: Y / N
Approx. Flow Rate: 200 mlpm Sediment Description: None
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 10.24

Time (2400 hr.)	Volume (Liters)	pH	Conductivity mS (~~mmhos/cm~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1225	3	6.59	0.271	15.2	0.02	-76	10.22
1228	3.6	6.62	0.276	15.2	0.05	-72	10.24
1231	4.2	6.63	0.277	15.2	0.04	-71	10.24

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-14	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 18 feet
M. Gettler

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5/7-8/12 (inclusive)

City: **Seattle, WA** Sampler: GM

Well ID MW-15 Date Monitored: 5/7/12

Well Diameter 2 in.

Total Depth 24.58 ft.

Depth to Water 8.00 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 1210 Weather Conditions: Sunny

Sample Time/Date: 1245 / 5/8/12 Water Color: clear Odor: Y (N)

Approx. Flow Rate: 200 mlpm Sediment Description: none

Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 8.65

Time (2400 hr.)	Volume (Liters)	pH	Conductivity mS (~~umhos/cm~~ ~~µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1225	3	6.42	.485	18.7	0.0	-25	8.62
1228	3.6	6.40	.487	18.6	0.0	-26	8.64
1231	4.2	6.39	.488	18.6	0.0	-26	8.65

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-15	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 16 FT

QC Taken for Total Iron/Mang.

Add/Replaced Lock: — Add/Replaced Plug: — Add/Replaced Bolt: —

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 — Job Number: 386765
Site Address: 631 Queen Anne North — Event Date: 5.7/5.8/ (inclusive)
City: Seattle, WA — Sampler: J. PAYNE

Well ID: MW-16 — Date Monitored: 5-7-12
Well Diameter: 2 in.
Total Depth: 24.85 ft.
Depth to Water: 10.55 ft. ☐ Check if water column is less then 0.50 ft.
14.30 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

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

Purge Equipment:
- Disposable Bailer: ____
- Stainless Steel Bailer: ____
- Stack Pump: ____
- Suction Pump: ____
- Grundfos: ____
- Peristaltic Pump: X
- QED Bladder Pump: ____
- Other: ____

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

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

Start Time (purge): 0810 — Weather Conditions: SUNNY
Sample Time/Date: 0840 / 5.8.12 * — Water Color: CLEAR — Odor: Y / (N)
Approx. Flow Rate: 100 mlpm — Sediment Description: NONE
Did well de-water? NO — If yes, Time: — Volume: — gal. — DTW @ Sampling: 10.64

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (mS)	Temperature (C)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0828	1.8	5.77	.466	13.7	5.60	166.6	10.64
0831	2.1	5.77	.466	13.8	5.59	166.7	10.64
0834	2.4	5.77	.466	13.8	5.59	166.7	10.64
0837	2.7	5.77	.466	13.9	5.60	166.7	10.64

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-16	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
1	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:
Due to missed hold times:
*Returned on 5-9-12 to collect nitrate/sulfate samples at 1105am

Add/Replaced Lock: X — Add/Replaced Plug: X — Add/Replaced Bolt: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5.7/5.8 (inclusive)
City: Seattle, WA Sampler: J.P

Well ID MW-17 Date Monitored: 5.7.12
Well Diameter 2 in.
Total Depth 25.10 ft.
Depth to Water 8.40 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 0940 Weather Conditions: SUNNY
Sample Time/Date: 1010 / 5.8.12 Water Color: CLEAR Odor: Y (N)
Approx. Flow Rate: 1000 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 8.52

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (~~umhos/cm~~ mS)	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0958	1.8	5.36	.340	14.2	.18	145.9	8.52
1001	2.1	5.35	.340	14.3	.18	145.9	8.52
1004	2.4	5.35	.340	14.4	.18	145.8	8.52
1008	2.7	5.35	.340	14.5	.18	145.8	8.52

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-17	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:
FB-2 6 VOA's DI WATER @ 0945
DUP-2 6 VOA's WELL

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/7-9/12 (inclusive)
City: Seattle, WA Sampler: GM

Well ID MW-19 Date Monitored: 5/7/12
Well Diameter 2 in.
Total Depth 24.20 ft.
Depth to Water 10.00 ft.
14.20 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 1110 Weather Conditions: Sunny
Sample Time/Date: 1150 / 5/8/12 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200 mlpm Sediment Description: None
Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 14.31

Time (2400 hr.)	Volume (Liters)	pH	Conductivity MS (~~umhos/cm~~ ~~pS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1125	3	6.38	.508	17.5	0.0	-29.2	14.30
1128	3.6	6.38	.506	17.4	0.0	-29.3	14.31
1131	4.2	6.38	.506	17.3	0.0	-29.4	14.31

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-18	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 17 FT
Replaced

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765

Site Address: 631 Queen Anne North Event Date: 3-7/3-8 (inclusive)

City: Seattle, WA Sampler:

Well ID MW-19 Date Monitored: 3-7-12

Well Diameter 2 in.

Total Depth 24.35 ft.

Depth to Water 9.70 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.35
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less than 0.50 ft.

14.65 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:

Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x1 liter amber	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml amber	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500-Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:

Add/Replaced Lock: X Add/Replaced Plug: X Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 4.7/4.8.12 (inclusive)
City: Seattle, WA | Sampler: J.D

Well ID: MW-2R
Well Diameter: 2 in.
Total Depth: 19.07 ft
Depth to Water: 6.57 ft
13.30 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Date Monitored: 4.7/4.8.12

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	1.25"= 0.07	2"= 0.16
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less than 0.50 ft.

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

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

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

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

Start Time (purge): ___ Weather Conditions: ___
Sample Time/Date: 1 Water Color: ___ Odor: Y / N
Approx. Flow Rate: ___ mlpm Sediment Description: ___
Did well de-water? ___ If yes, Time: ___ Volume: ___ gal. DTW @ Sampling: ___

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 12 Low Flow

Add/Replaced Lock: X Add/Replaced Plug: X Add/Replaced Bolt: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5.7/5.8.12 (inclusive)
City: Seattle, WA | Sampler: JP

Well ID: MW-21 | Date Monitored: 5.7.12
Well Diameter: 2 in.
Total Depth: 35.25 ft.
Depth to Water: 25.65 ft.
9.60 xVF — = — x3 case volume = Estimated Purge Volume: ____ gal.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

Start Time (purge): 1200 | Weather Conditions: SUNNY
Sample Time/Date: 1230 / 5.8.12 | Water Color: CLEAR | Odor: Y / (N)
Approx. Flow Rate: 100 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 25.78

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µmhos/cm mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1218	1.8	6.28	.460	15.6	0	-129.6	25.76
1221	2.1	6.28	.460	15.7	0	-129.6	25.76
1224	2.4	6.28	.460	15.7	0	-129.7	25.78
1227	2.7	6.28	.460	15.8	0	-129.7	25.78

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-21	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 30' K. Oakley

Add/Replaced Lock: X | Add/Replaced Plug: X | Add/Replaced Bolt: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 6-7/6-8-17 (inclusive)
City: Seattle, WA | Sampler: JP

Well ID: AMW-23
Well Diameter: 2 in.
Total Depth: 13.00 ft.
Depth to Water: 7.20 ft.
5.80 x/F ___ = ___ ×3 case volume = Estimated Purge Volume: ___ gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___

Date Monitored: 6-7-17

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 6.80

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: MW

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5-7/6-8-17 (inclusive)
City: Seattle, WA | Sampler: JP

Well ID: MW-24
Well Diameter: 3/4 in.
Total Depth: 12.46 ft.
Depth to Water: 4.95 ft.
7.51 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Date Monitored: 5-7-17

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: [illegible] MW

Add/Replaced Lock: Y | Add/Replaced Plug: Y | Add/Replaced Bolt: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/7-5/8/12 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-25 Date Monitored: 5-7-12
Well Diameter 4 in.
Total Depth 22.96 ft.
Depth to Water 10.54 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1120 Weather Conditions: SUNNY
Sample Time/Date: 1150 / 5-8-12 Water Color: Clear Odor: Y / N
Approx. Flow Rate: 200 mlpm Sediment Description: None
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 10.55

Time (2400 hr.)	Volume (Liters)	pH	Conductivity MS (~~µmhos/cm~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1135	3	6.64	0.224	14.9	0.26	69	10.55
1138	3.6	6.69	0.228	14.9	0.27	72	10.55
1141	4.2	6.69	0.229	15.0	0.29	73	10.55

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-25	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 17 feet
Refused

Add/Replaced Lock: ✓ Add/Replaced Plug: ✓ Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5-7/5-8 (inclusive)
City: Seattle, WA Sampler: J. PAYNE

Well ID MW-26 Date Monitored: 5-7-12
Well Diameter 4 in.
Total Depth 22.75 ft.
Depth to Water 9.35 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 0900 Weather Conditions: RAINY
Sample Time/Date: 0930 / 5-8-12 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 100 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 9.65

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (mS) (~~µmhos/cm~~ µS)	Temperature (C) F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0910	1.9	6.66	.311	13.4	2.13	152.1	9.60
0914	2.1	6.66	.311	13.5	2.14	152.1	9.60
0914	2.4	6.66	.311	13.5	2.14	152.2	9.60
0917	2.7	6.66	.311	13.6	2.14	152.3	9.60

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-26	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:
R. GAUGE

Add/Replaced Lock: X Add/Replaced Plug: X Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765

Site Address: 631 Queen Anne North Event Date: 5-7/5-8-12 (inclusive)

City: Seattle, WA Sampler: JP

Well ID: MW-30 Date Monitored: 5-7-12

Well Diameter: 2 in.

Total Depth: 33.00 ft.

Depth to Water: 24.65 ft. ☐ Check if water column is less then 0.50 ft.

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

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

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

Time Started: ______ (2400 hrs)
Time Completed: ______ (2400 hrs)
Depth to Product: ______ ft
Depth to Water: ______ ft
Hydrocarbon Thickness: ______ ft
Visual Confirmation/Description:

Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ______ gal
Amt Removed from Well: ______ gal
Water Removed: ______
Product Transferred to: ______

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

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

Start Time (purge): 1430 Weather Conditions: Sunny

Sample Time/Date: 1300 / 5-8-12 Water Color: Clear Odor: Y / (N)

Approx. Flow Rate: 100 mlpm Sediment Description: None

Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 24.72

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (mS)	Temperature (C)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1448	1.8	6.36	.402	13.8	0	-152.6	24.72
1451	2.1	6.36	.402	13.9	0	-152.7	24.72
1454	2.4	6.36	.402	13.9	0	-152.7	24.72
1457	2.7	6.36	.402	14.0	0	-152.7	24.72

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-30	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 27'

FB-3
DUP-3

Add/Replaced Lock: X Add/Replaced Plug: X Add/Replaced Bolt: ______

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5.7/5.8 (inclusive)
City: Seattle, WA Sampler: J. Rynne

Well ID MW-3 Date Monitored: 5.7.12
Well Diameter 2 in.
Total Depth 18.00 ft.
Depth to Water 19.89 ft. ☐ Check if water column is less then 0.50 ft.
0.11 xVF = = x3 case volume = Estimated Purge Volume: gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]:

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

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

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

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

Start Time (purge): 1300 Weather Conditions: SUNNY
Sample Time/Date: 1330 / 5.8.12 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 100 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 19.90

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(mmhos/cm µS)~~ NTS	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1318	1.8	6.52	.503	14.0	0	-18.2	19.90
1321	2.1	6.52	.503	14.1	0	-18.3	19.90
1324	2.4	6.52	.503	14.1	0	-18.3	19.90
1327	2.7	6.52	.503	14.2	0	-18.4	19.90

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	4 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
1	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 15'
L. BASKET

Add/Replaced Lock: X Add/Replaced Plug: X Add/Replaced Bolt: R-3

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5.7/5.8.12 (inclusive)
City: Seattle, WA | Sampler: J. Payne

Well ID: MW-32
Well Diameter: 2 in.
Total Depth: 29.00 ft.
Depth to Water: 10.20 ft.
10.20 xVF — = —
Date Monitored: 5.7.12

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

☐ Check if water column is less then 0.50 ft.

x3 case volume = Estimated Purge Volume: — gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.96

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 0730 | Weather Conditions: SUNNY
Sample Time/Date: 0800 / 5.8.12 | Water Color: CLEAR | Odor: Y / (N)
Approx. Flow Rate: 1000 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 10.30

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (~~umhos/cm~~ µS)	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0748	1.8	5.79	.248	13.5	4.87	170.3	10.30
0751	2.1	5.79	.248	13.6	4.87	170.3	10.30
0754	2.4	5.79	.248	13.6	4.86	170.4	10.30
0757	2.7	5.79	.248	13.7	4.86	170.4	10.30

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-32	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 10
H. Basket

Add/Replaced Lock: X | Add/Replaced Plug: X | Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5.7/5.8.12 (inclusive)

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

Well ID MW-33 Date Monitored: 5.7.12

Well Diameter 2 in.

Total Depth 34.30 ft.

Depth to Water 28.80 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

Purge Equipment:

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

Sampling Equipment:

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

Start Time (purge): 1100 Weather Conditions: SUNNY

Sample Time/Date: 1130 / 5-8-12 Water Color: CLEAR Odor: Y / (N)

Approx. Flow Rate: 100 mlpm Sediment Description: NONE

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 28.92

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µmhos/cm - µS) MS	Temperature (C) F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1118	1.8	6.32	.533	13.8	ø	-206.6	28.92
1124	2.1	6.32	.533	13.9	ø	-206.5	28.92
1124	2.4	6.32	.533	14.0	ø	-206.5	28.92
1127	2.7	6.32	.533	14.0	ø	-206.5	28.92

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-33	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
1	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 31'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5-7/5-8-12 (inclusive)
City: Seattle, WA | Sampler: JP

Well ID: MW-34 | Date Monitored: 5-7-12
Well Diameter: 2 in.
Total Depth: 37.10 ft.
Depth to Water: 27.00 ft.
10.10 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

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

☐ Check if water column is less then 0.50 ft.

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

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

Start Time (purge): 1345 | Weather Conditions: Sunny
Sample Time/Date: 1415 / 5-8-12 | Water Color: clear Odor: Y / (N)
Approx. Flow Rate: 200 mlpm | Sediment Description: None
Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 27.00

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (mS) (µmhos/cm - µS)	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1403	1.0	6.19	.322	15.8	4.22	126.8	27.00
1408	2.1	6.19	.322	15.8	4.21	126.7	27.00
1409	2.4	6.19	.322	15.9	4.21	126.7	27.00
1412	2.7	6.19	.322	16.0	4.22	126.9	27.00

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-34	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
1	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 5' GASKET

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5.7/5.8.12 (inclusive)
City: Seattle, WA Sampler: JP

Well ID MW-35 Date Monitored: 5.7.12
Well Diameter 2 in.
Total Depth 37.30 ft.
Depth to Water 30.30 ft.
7.00 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

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

☐ Check if water column is less then 0.50 ft.

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

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

Start Time (purge): 1026 Weather Conditions: SUNNY
Sample Time/Date: 1056 / 5.8.12 Water Color: CLEAR Odor: Y (N)
Approx. Flow Rate: 100 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 30.44

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µmhos/cm - pS) MS	Temperature (C) F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1038	1.8	6.12	.457	12.1	1.36	102.3	30.42
1041	2.1	6.12	.457	12.2	1.36	102.4	30.42
1044	2.4	6.12	.457	12.2	1.36	102.4	30.42
1047	2.7	6.12	.457	12.3	1.36	102.4	30.44

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-35	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
1	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 34
L-Choke

Add/Replaced Lock: ✓ Add/Replaced Plug: ✓ Add/Replaced Bolt: —

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5/7-8/12 (inclusive)
City: Seattle, WA | Sampler: GM

Well ID: RW-2 | Date Monitored: 5/7/12
Well Diameter: 8 in.
Total Depth: 21.20 ft.
Depth to Water: 11.40 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 0735 | Weather Conditions: Cloudy
Sample Time/Date: 0910 / 5/9/12 | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: 200 mlpm | Sediment Description: None
Did well de-water? NO | If yes, Time: ____ | Volume: ____ gal. | DTW @ Sampling: 11.59

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (~~umhos/cm~~ mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0750	3	6.11	.903	14.9	0.91	87	11.59
0753	3.6	6.10	.502	14.8	0.90	89	11.59
0756	4.2	6.11	.501	14.9	0.90	88	11.59

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
RW-2	10 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 16.00
Replaced

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Add/Replaced Bolt: R-3

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765

Site Address: 631 Queen Anne North Event Date: 5-7/5-8-12 (inclusive)

City: Seattle, WA Sampler: J Payne

Well ID: DPE-1 (VPC) Date Monitored: 5-7-12

Well Diameter: 4 in.

Total Depth: 21.35 ft.

Depth to Water: 10.00 ft. ☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

Start Time (purge): ______ Weather Conditions: ______

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

Approx. Flow Rate: ______ mlpm Sediment Description: ______

Did well de-water? ______ If yes, Time: ______ Volume: ______ gal. DTW @ Sampling: ______

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: ~~[illegible]~~ NLD

Add/Replaced Lock: [illegible] Add/Replaced Plug: [illegible] Add/Replaced Bolt: ______

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765

Site Address: 631 Queen Anne North Event Date: 5-7/5-8-12 (inclusive)

City: Seattle, WA Sampler: JP

Well ID MW-1

Well Diameter 4 in.

Total Depth 24.65 ft.

Depth to Water 10.60 ft.

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

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

Date Monitored: 5-7-12

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

☐ Check if water column is less then 0.50 ft.

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter-ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: ONLY SAMPLE IF WELL IS DRY.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5-7/5-8-12 (inclusive)

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

Well ID MW-3 Date Monitored: 5-7-12

Well Diameter 4 in.

Total Depth 16.60 ft.

Depth to Water 11.87 ft.

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

☐ Check if water column is less then 0.50 ft.

4.73 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

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

Start Time (purge): ___ Weather Conditions: ___

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

Approx. Flow Rate: ___ mlpm Sediment Description: ___

Did well de-water? ___ If yes, Time: ___ Volume: ___ gal. DTW @ Sampling: ___

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: WNL

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 6.7/6.8.12 (inclusive)
City: Seattle, WA | Sampler: J. Rose

Well ID: OPE-1
Well Diameter: 4 in.
Total Depth: 20.00 ft.
Depth to Water: 10.71 ft.
9.29

Date Monitored: 6.7.12

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 17'

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**
Site Address: **631 Queen Anne North** Event Date: 5/7-5/8/12 (inclusive)
City: **Seattle, WA** Sampler: ML

Well ID DPE-5 Date Monitored: 5-7-12
Well Diameter 4 in.
Total Depth 26.87 ft.
Depth to Water 14.08 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 0925 Weather Conditions: SUNNY
Sample Time/Date: 1000 / 5-8-12 Water Color: Clear Odor: (Y) / N Light
Approx. Flow Rate: 200 mlpm Sediment Description: none
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 14.10

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(µmhos/cm)~~ mS	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0940	3	6.29	0.296	14.9	0.27	10	14.10
0943	3.6	6.32	0.301	14.9	0.29	14	14.10
0946	4.2	6.33	0.302	14.9	0.30	15	14.10

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
DPE-5	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 20 feet

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 | Job Number: 386765
Site Address: 631 Queen Anne North | Event Date: 5/7-5/8/12 (inclusive)
City: Seattle, WA | Sampler: ML

Well ID: DPE-6
Well Diameter: 4 in.
Total Depth: 32.90 ft.
Depth to Water: 18.80 ft.
Date Monitored: 5-7-12

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): 0825 | Weather Conditions: SUNNY
Sample Time/Date: 0900 5-8-12 | Water Color: CLOUDY | Odor: (Y) / N | Light
Approx. Flow Rate: 200 mlpm | Sediment Description: none
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 18.81

Time (2400 hr.)	Volume (Liters)	pH	Conductivity MS (~~umhos/cm~~ - mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0840	3	6.87	0.224	15.7	0.60	-100.6	18.81
0843	3.6	6.91	0.227	15.7	0.51	-101.2	18.81
0846	4.2	6.92	0.227	15.8	0.52	-101.4	18.81

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
DPE-6	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 25 feet

Add/Replaced Lock: — Add/Replaced Plug: — Add/Replaced Bolt: —

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5-7 | 5.8.12 (inclusive)

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

Well ID MW-7 Date Monitored: 5.7.12

Well Diameter 4 in.

Total Depth 26.50 ft.

Depth to Water 18.40 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): Weather Conditions: Sunny

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211577 Job Number: 386765
Site Address: 631 Queen Anne North Event Date: 5/7.8/12 (inclusive)
City: Seattle, WA Sampler: GM

Well ID DPE-8 Date Monitored: 5/7/12
Well Diameter 4 in.
Total Depth 23.35 ft.
Depth to Water 11.85 ft.

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

☐ Check if water column is less then 0.50 ft.

11.50 xVF 0.66 = — x3 case volume = Estimated Purge Volume: — gal.

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

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

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

Start Time (purge): 0645 Weather Conditions: Cloudy
Sample Time/Date: 0715 5/8/12 * Water Color: clear Odor (Y) / N moderate
Approx. Flow Rate: 200 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 11.91

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(µmhos/cm - µS)~~ mS	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0700	3	6.37	.491	16.9	0.25	39.3	11.91
0703	3.6	6.36	.491	16.7	0.24	37.0	11.92
0706	4.2	6.35	.493	16.7	0.23	37.2	11.92

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
DPE-8	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	1 x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At: 18.00 Due to missed hold times
* RETURNED ON 5-9-12 TO COLLECT Nitrate/Sulfate SAMPLES, Sample Time 1050 AM

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211577** Job Number: **386765**

Site Address: **631 Queen Anne North** Event Date: 5-7 / 5-8-12 (inclusive)

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

Well ID MW-9 Date Monitored: 5-7-12

Well Diameter 4 in.

Total Depth 16.76 ft.

Depth to Water 11.33 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:

Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:
Product Transferred to:

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)
	x 250ml poly	YES	NP	LANCASTER	ALKALINITY (SM20 2320 B)
	x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE (EPA 300.0)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010B)
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2D)

COMMENTS: Depth Pump Set At:

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

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: ____ Sample #: ____ SCR#: ____

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: TB Lead Consultant: SAICRS Shropshire
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr. Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: J. PAYNE / M. LOMBARD / GILBERT
Service Order #: ____ ☐ Non SAR: ____

Analyses Requested

Matrix: Soil; Water (☐ Potable ☐ NPDES); Oil ☐ Air ☐

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐ Naphth ☐	8260 full scan	Oxygenates	NWTPH G	NWTPH D (☐ Extended Rng. ☑ Silica Gel Cleanup)	Lead Total ☐ Diss. ☐ Method	TOTAL IRON	NWTPH HCID ☐ quantification	FERROUS IRON	ALKALINITY (SM20 B)	NITRATE / SULFATES	SULFIDE (SM20 4500)
Preservation Codes									H			H	H		N		H	N	N	Z
QA	5.8.12		X			X		2	X			X								
VP-4	5.8.12	1050	X			X		8	X			X	X							
VP-5	5.8.12	1000	X			X		14	X			X	X		X		X	X	X	X
VP-8	5.8.12	0905	X			X		14	X			X	X		X		X	X	X	X
MW-4	5.8.12	1330	X			X		14	X			X	X		X		X	X	X	X
MW-6	5.8.12	1030	X			X		14	X			X	X		X		X	X	X	X
MW-9	5.8.12	0805	X			X		14	X			X	X		X		X	X	X	X
MW-10	5.8.12	0715	X			X		14	X			X	X		X		X	X	X	X
MW-14	5.8.12	1240	X			X		14	X			X	X		X		X	X	X	X
MW-15	5.8.12	1245	X			X		14	X			X	X		X		X	X	X	X
MW-16	5.8.12	0840	X			X		14	X			X	X		X		X	X	X	X
MW-17	5.8.12	1010	X			X		14	X			X	X		X		X	X	X	X
MW-18	5.8.12	1150	X			X		14	X			X	X		X		X	X	X	X

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks
JHM 5/11/12
FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.
pg 1 of 3
add Nitrite to nitrate/sulfate analysis
EPA 300

Turnaround Time Requested (TAT) (please circle)
STD. TAT (circled) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required) EDF/EDD
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5.8.12	1800			

Relinquished by Commercial Carrier:
UPS FedEx (circled) Other ____
Received by: ____ Date ____ Time ____
Temperature Upon Receipt ____ C°
Custody Seals Intact? Yes No

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: ________ Sample #: ________ SCR#: ________

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: TB Lead Consultant: SAICRS Shropshire
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanne L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: J PAYNE / M. LOMBARDO / GILBERT
Service Order #: ________ ☐ Non SAR: ________

Matrix: Soil; Water (☐ Potable ☐ NPDES); Oil ☐ Air ☐

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + [illegible] ☐ 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	NW TPH G (H)	NW TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method	TOTAL IRON MANGANESE (N)	NWTPH HCID ☐ Quantification	FERROUS IRON (H)	ALKALINITY SM2320B (N)	NITRATE / SULFATES (N)	SULFIDE (SM2540D)
MW-71	5-8-12	1230	X			X		14	X			X	X		X		X	X	X	X
MW-75	5-8-12	1150	X			X		14	X			X	X		X		X	X	X	X
MW-76	5-8-12	0930	X			X		14	X			X	X		X		X	X	X	X
MW-30	5-8-12	1500	X			X		14	X			X	X		X		X	X	X	X
MW-31	5-8-12	1530	X			X		14	X			X	X		X		X	X	X	X
MW-32	5-8-12	0800	X			X		8	X			X	X							
MW-33	5-8-12	1130	X			X		14	X			X	X		X		X	X	X	X
MW-34	5-8-12	1415	X			X		14	X			X	X		X		X	X	X	X
MW-35	5-8-12	1050	X			X		14	X			X	X		X		X	X	X	X
RW-2	5-8-12	0810	X			X		8	X			X	X							
DPE-5	5-8-12	1000	X			X		8	X			X	X							
DPE-6	5-8-12	0900	X			X		8	X			X	X							
DPE-8	5-8-12	0715	X			X		14	X			X	X		X		X	X	X	X

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks
JMM 5/11/12
FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.
pg 2 of 3
add nitrite to nitrate/sulfate (EPA 300) analysis

Turnaround Time Requested (TAT) (please circle)
STD. TAT (circled) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required) EDF/EDD
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ________ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-8-12	1800			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx (circled) Other ________			Received by:		
Temperature Upon Receipt ________ C°			Custody Seals Intact? Yes No		

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

3468 Rev. 8/6/01

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: ________ Sample #: ________ SCR#: ________

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: TB Lead Consultant: SAICRS Shropshire
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: J. Payne / M. Lombard / Gilbert
Service Order #: ________ ☐ Non SAR: ________

Analyses Requested / Preservation Codes: H (BTEX)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐	Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☑	8260 full scan	Oxygenates	NW TPH G	TPH D (☐ Extended Rng. ☐ Silica Gel Cleanup)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH HCID ☐ quantification
FB1	5-8-12		X			X			6	X			X				
FB-2	5-8-12		X			X			6	X			X				
FB-3	5-8-12		X			X			6	X			X				
DUP-1	5-8-12		X			X			6	X			X				
DUP-3	5-8-12		X			X			6	X			X				
DUP-2	5-8-12		X			X			6	X			X				

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.

pg 3 of 3

Turnaround Time Requested (TAT) (please circle)
(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required) EDF/EDD
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ________ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-8-12	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS (FedEx) Other ________			Received by:	Date	Time

Temperature Upon Receipt ________ C°
Custody Seals Intact? Yes No

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: ______ Sample #: ______ Group #: 308069

Facility #: 211577
Site Address: 631 Queen Anne, N SEATTLE WA
Chevron PM: THOMAS BAUHS   Lead Consultant: SAIC
Consultant/Office: 6747 Sierra Ct Ste J Dublin CA 94568
Consultant Prj. Mgr.: DEANNA HARDING
Consultant Phone #: 925 551-7555   Fax #:
Sampler: Mike C L Gilbert M

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	[illegible handwritten analysis]			
MW-9	5-9-12	1015	X			X		1								X			
MW-10	↓	1030	X			X		1								X			
MW-16		1105	X			X		1								X			
DPE-8	↓	1050	X			X		1								X			

Matrix: ☐ Potable ☐ NPDES

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT (circled) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-9-12	1400			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by:	Date	Time
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

Attachment B:
Laboratory Analysis Report

eurofins | Lancaster Laboratories

Analysis Report

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

REVISED

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

June 27, 2012

Project: 211577

Submittal Date: 05/11/2012
Group Number: 1308435
PO Number: 0015103668
Release Number: BAUHS
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
QA Water Sample	6649522
VP-4 Grab Water Sample	6649523
VP-5 Grab Water Sample	6649524
VP-8 Grab Water Sample	6649525
MW-4 Grab Water Sample	6649526
MW-6 Grab Water Sample	6649527
MW-9 Grab Water Sample	6649528
MW-10 Grab Water Sample	6649529
MW-14 Grab Water Sample	6649530
MW-15 Grab Water Sample	6649531
MW-16 Grab Water Sample	6649532
MW-17 Grab Water Sample	6649533
MW-18 Grab Water Sample	6649534
MW-21 Grab Water Sample	6649535
MW-25 Grab Water Sample	6649536
MW-26 Grab Water Sample	6649537
MW-30 Grab Water Sample	6649538
MW-31 Grab Water Sample	6649539
MW-32 Grab Water Sample	6649540
MW-33 Grab Water Sample	6649541
MW-34 Grab Water Sample	6649542
MW-35 Grab Water Sample	6649543
RW-2 Grab Water Sample	6649544
DPE-5 Grab Water Sample	6649545
DPE-6 Grab Water Sample	6649546
DPE-8 Grab Water Sample	6649547
FB-1 Grab Water Sample	6649548

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Analysis Report

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

REVISED

FB-2 Grab Water Sample	6649549
FB-3 Grab Water Sample	6649550
DUP-1 Grab Water Sample	6649551
DUP-2 Grab Water Sample	6649552
DUP-3 Grab Water Sample	6649553

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

ELECTRONIC COPY TO	SAIC c/o Gettler-Ryan	Attn: Rachelle Munoz
ELECTRONIC COPY TO	SAIC	Attn: Jamalyn Green
ELECTRONIC COPY TO	SAIC	Attn: Russ Shropshire

Respectfully Submitted,

Jill M. Parker

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Analysis Report

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REVISED

Sample Description: QA Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649522
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QAQAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 08:55	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 08:55	Emily R Styer	1

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Analysis Report

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Sample Description: VP-4 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649523
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
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San Ramon CA 94583

QASV4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	1	0.5	1
10943	Ethylbenzene	100-41-4	1	0.5	1
10943	Toluene	108-88-3	0.6	0.5	1
10943	Xylene (Total)	1330-20-7	2	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	430	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	19,000	150	5
12005	HRO C24-C40 w/Si Gel	n.a.	3,200	350	5

Due to the dilution of the sample extract, capric acid recovery can not be determined.

General Sample Comments

State of Washington Lab Certification No. C259

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 09:23	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 09:23	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 12:32	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 12:32	Marie D John	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121360017A	05/21/2012 11:31	Michele D Hamilton	5
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121360017A	05/16/2012 09:30	Kerrie A Freeburn	1

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Analysis Report

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Sample Description: VP-5 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649524
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:00 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASV5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	9,890	14.1	1
07058	Manganese	7439-96-5	3,240	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	7,200	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	48,900	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	50,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	48	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	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.

Sample Description: VP-5 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649524
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:00 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
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L4310
San Ramon CA 94583

QASV5

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 11:42	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 11:42	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 12:54	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 12:54	Marie D John	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121360017A	05/18/2012 21:50	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121360017A	05/16/2012 09:30	Kerrie A Freeburn	1
01754	Iron	SW-846 6010B	1	121351848002	05/20/2012 23:47	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/20/2012 23:47	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 12:44	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 12:44	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 12:44	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: VP-8 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649525
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 09:05 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASV8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	76	31	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	72	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	144,000	14.1	1
07058	Manganese	7439-96-5	3,420	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	17,300	500	10
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	39,900	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	78,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	80	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	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.

Sample Description: VP-8 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649525
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 09:05 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASV8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121432AA	05/22/2012 18:12	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121432AA	05/22/2012 18:12	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 13:16	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 13:16	Marie D John	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121360017A	05/18/2012 22:13	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121360017A	05/16/2012 09:30	Kerrie A Freeburn	1
01754	Iron	SW-846 6010B	1	121351848002	05/20/2012 23:51	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/20/2012 23:51	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/15/2012 11:11	Christopher D Meeks	10
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 12:59	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 12:59	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-4 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649526
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 13:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

M4QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	25	0.5	1
10943	Ethylbenzene	100-41-4	2	0.5	1
10943	Toluene	108-88-3	0.8	0.5	1
10943	Xylene (Total)	1330-20-7	3	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	1,900	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	250	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	6,700	14.1	1
07058	Manganese	7439-96-5	6,720	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	2,700	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	11,000	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	323,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	1,000	40	4
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	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.

Sample Description: MW-4 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649526
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 13:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

M4QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121432AA	05/22/2012 18:40	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121432AA	05/22/2012 18:40	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 21:15	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 21:15	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 00:53	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:04	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:04	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:14	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:14	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 13:14	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	4
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-6 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649527
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

M6QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	1	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	250	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	540	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	25,000	14.1	1
07058	Manganese	7439-96-5	23,900	2.2	5
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	98,000	6,000	20
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	394,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	20,700	500	50
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	850	54	1

General Sample Comments

State of Washington Lab Certification No. C259

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Analysis Report

REVISED

Sample Description: MW-6 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649527
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

M6QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 13:10	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 13:10	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 14:00	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 14:00	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 01:15	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:08	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/23/2012 06:30	Tara L Snyder	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:29	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:29	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 15:00	Christopher D Meeks	20
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	50
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-9 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649528
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 08:05 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

M9QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	230	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	1,500	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
The reverse surrogate, capric acid, is present at <1%.					
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	39,100	14.1	1
07058	Manganese	7439-96-5	11,400	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	48,100	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	341,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	18,000	250	25
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	2,500	110	2

General Sample Comments

State of Washington Lab Certification No. C259
The sample container for Nitrate, Nitrite and Sulfate was collected on 05/09/12 at 10:15.

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

Sample Description: MW-9 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649528
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 08:05 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

M9QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 13:38	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 13:38	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 14:22	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 14:22	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 01:38	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:13	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:13	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:15	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:15	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12132655901A	05/11/2012 12:15	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	25
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	2

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Analysis Report

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Sample Description: MW-10 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649529
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 07:15 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

10QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
The reverse surrogate, capric acid, is present at <1%.					
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	2,290	14.1	1
07058	Manganese	7439-96-5	1,310	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	6,900	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	35,400	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	167,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	57	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

General Sample Comments

State of Washington Lab Certification No. C259
The sample container for Nitrate, Nitrite and Sulfate was collected on 05/09/12 at 10:30.

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

REVISED

Sample Description: MW-10 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649529
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 07:15 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

10QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 14:05	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 14:05	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 14:44	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 14:44	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 02:01	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:17	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:17	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:30	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:30	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12132655901A	05/11/2012 12:30	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-14 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649530
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 12:40 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

14QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	14	0.5	1
10943	Ethylbenzene	100-41-4	25	0.5	1
10943	Toluene	108-88-3	5	0.5	1
10943	Xylene (Total)	1330-20-7	120	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	6,600	250	5
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	550	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	35,700	14.1	1
07058	Manganese	7439-96-5	8,480	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	19,300	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	394,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	13,800	250	25
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	5,900	270	5

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.

Sample Description: MW-14 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649530
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 12:40 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

14QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 14:33	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 14:33	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12142B20A	05/22/2012 15:35	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12142B20A	05/22/2012 15:35	Marie D John	5
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 02:24	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/20/2012 23:19	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/20/2012 23:19	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:44	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:44	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 13:44	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	25
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	5

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Analysis Report

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Sample Description: MW-15 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649531
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 12:45 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

15QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	4,150	14.1	1
07058	Manganese	7439-96-5	582	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	13,300	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	87,100	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	40	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	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.

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Analysis Report

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Sample Description: MW-15 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649531
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 12:45 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

15QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 15:01	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 15:01	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12142B20A	05/22/2012 13:23	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12142B20A	05/22/2012 13:23	Marie D John	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 02:47	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:22	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:22	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:59	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 13:59	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 13:59	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

REVISED

Sample Description: MW-16 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649532
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 08:40 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

16QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	71	1
The reverse surrogate, capric acid, is present at <1%.					
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	1,390	14.1	1
07058	Manganese	7439-96-5	2,350	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	5,700	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	11,700	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	58,900	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	N.D.	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

REVISED

Sample Description: MW-16 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649532
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 08:40 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

16QAS

General Sample Comments

State of Washington Lab Certification No. C259
The sample container for Nitrate, Nitrite and Sulfate was collected on 05/09/12 at 11:05.
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then
measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 15:29	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 15:29	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 15:49	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 15:49	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 03:10	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121411848001	05/22/2012 19:10	John P Hook	1
07058	Manganese	SW-846 6010B	1	121411848001	05/22/2012 19:10	John P Hook	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121411848001	05/21/2012 08:10	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:44	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:44	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12132655901A	05/11/2012 12:44	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

REVISED

Sample Description: MW-17 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649533
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:10 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

17QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	890	14.1	1
07058	Manganese	7439-96-5	1,060	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	9,900	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	34,000	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	78,500	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	44	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

Sample Description: MW-17 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649533
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:10 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

17QAS

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 15:56	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 15:56	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 16:11	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 16:11	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 03:33	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:26	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:26	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 14:15	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 14:15	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 14:15	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201A	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-18 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649534
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 11:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

18QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	1	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	3,990	14.1	1
07058	Manganese	7439-96-5	624	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	8,100	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	25,900	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	116,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	75	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	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.

REVISED

Sample Description: MW-18 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649534
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 11:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

18QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 16:24	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 16:24	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 16:33	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 16:33	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 03:56	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:30	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:30	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 14:30	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 14:30	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 14:30	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

REVISED

Sample Description: MW-21 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649535
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 12:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

21QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	70	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	8,860	14.1	1
07058	Manganese	7439-96-5	399	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	39,100	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	238,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	4,700	200	20
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

REVISED

Sample Description: MW-21 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649535
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 12:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

21QAS

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 16:52	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 16:52	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 16:55	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 16:55	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370038A	05/19/2012 04:19	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370038A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:35	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:35	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 14:45	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601A	05/12/2012 14:45	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601A	05/12/2012 14:45	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	20
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

REVISED

Sample Description: MW-25 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649536
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 11:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

25QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	624	14.1	1
07058	Manganese	7439-96-5	1,250	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	3,600	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	12,800	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	134,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	N.D.	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	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.

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Analysis Report

REVISED

Sample Description: MW-25 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649536
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 11:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

25QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 17:20	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 17:20	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 17:17	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 17:17	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 05:51	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:39	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:39	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 15:45	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 15:45	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601B	05/12/2012 15:45	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

REVISED

Sample Description: MW-26 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649537
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 09:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

26QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	34,800	14.1	1
07058	Manganese	7439-96-5	7,170	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	8,800	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	38,100	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	103,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	N.D.	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

Sample Description: MW-26 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649537
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 09:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

26QAS

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 17:47	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 17:47	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 17:39	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 17:39	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 06:14	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:43	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:43	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 16:31	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 16:31	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601B	05/12/2012 16:31	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-30 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649538
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 15:00 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

30QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	31	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	72	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	189,000	14.1	1
07058	Manganese	7439-96-5	8,160	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	20,800	500	10
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	36,200	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	227,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	N.D.	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	110	2
	Reporting limits were raised due to interference from the sample matrix.				

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Analysis Report

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Sample Description: MW-30 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649538
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 15:00 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

30QAS

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 18:15	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 18:15	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 18:01	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 18:01	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 06:37	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 00:56	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 00:56	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601B	05/15/2012 11:26	Christopher D Meeks	10
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 16:46	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12136655601A	05/16/2012 12:20	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	2

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Analysis Report

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Sample Description: MW-31 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649539
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 13:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

31QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	5,370	14.1	1
07058	Manganese	7439-96-5	2,130	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	36,300	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	255,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	3,100	100	10
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.

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

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Analysis Report

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Sample Description: MW-31 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649539
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 13:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

31QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P121401AA	05/19/2012 18:43	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P121401AA	05/19/2012 18:43	Emily R Styer	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 18:23	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 18:23	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 06:59	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 01:01	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 01:01	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:01	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:01	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601B	05/12/2012 17:01	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	10
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-32 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649540
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 08:00 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

32QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C259
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121394AA	05/18/2012 19:18	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121394AA	05/18/2012 19:18	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 18:45	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 18:45	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 07:45	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1

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Analysis Report

REVISED

Sample Description: MW-33 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649541
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 11:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

33QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	270	1	2
10943	Ethylbenzene	100-41-4	22	1	2
10943	Toluene	108-88-3	1	1	2
10943	Xylene (Total)	1330-20-7	7	1	2
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	290	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	5,060	14.1	1
07058	Manganese	7439-96-5	390	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	55,000	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	271,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	3,600	100	10
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	480	54	1

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Analysis Report

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REVISED

Sample Description: MW-33 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649541
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 11:30 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

33QAS

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 20:12	Kevin A Sposito	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 20:12	Kevin A Sposito	2
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 19:07	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 19:07	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 08:07	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 01:05	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 01:05	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:16	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:16	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601B	05/12/2012 17:16	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	10
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-34 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649542
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 14:15 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

34QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	2,460	14.1	1
07058	Manganese	7439-96-5	49.7	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	13,700	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	25,000	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	84,600	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	34	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

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Analysis Report

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Sample Description: MW-34 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649542
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 14:15 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

34QAS

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 19:07	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 19:07	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12135B20A	05/15/2012 19:29	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12135B20A	05/15/2012 19:29	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 08:30	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 01:10	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 01:10	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:31	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:31	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601B	05/12/2012 17:31	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: MW-35 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649543
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

35QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	0.6	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	65,600	14.1	1
07058	Manganese	7439-96-5	2,690	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
	The holding time was not met. The sample was submitted to the laboratory outside of the holding time.				
00228	Sulfate	14808-79-8	65,800	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	182,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	1,300	50	5
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

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Analysis Report

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Sample Description: MW-35 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649543
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:50 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

35QAS

General Sample Comments

State of Washington Lab Certification No. C259
The Ferrous Iron and Sulfide bottles were received at the lab on 05/10/12 at 09:20.
The temperature of the temperature blank bottle(s) upon receipt at the lab was 9.7C and 9.1C using a Hg thermometer. The DRO sample bottles were then measured using an IR thermometer and were recorded at 9.0 - 10.4 C.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 20:34	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 20:34	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 15:54	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 15:54	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 08:53	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 01:14	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 01:14	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:47	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12133655601B	05/12/2012 17:47	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12133655601B	05/12/2012 17:47	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	5
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: RW-2 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649544
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 08:10 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

R2QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	2	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	3	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1

The reverse surrogate, capric acid, is present at <1%.
The recovery for the sample surrogate(s) is outside the QC acceptance limits as noted on the QC Summary. The following corrective action was taken:
The sample was re-extracted outside of the method required holding time, and surrogate recoveries are within the QC acceptance limits. Since the hold time had expired prior to the second extraction all results are reported from the original extract. Similar results were obtained in both extracts.

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 20:56	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 20:56	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 16:16	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 16:16	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 09:15	Tracy A Cole	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1

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Analysis Report

REVISED

Sample Description: DPE-5 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649545
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 10:00 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

D5QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 21:18	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 21:18	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 16:38	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 16:38	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370039A	05/19/2012 09:38	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370039A	05/17/2012 08:40	Catherine R Wiker	1

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Analysis Report

REVISED

Sample Description: DPE-6 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649546
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 09:00 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

D6QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	9	0.5	1
10943	Ethylbenzene	100-41-4	1	0.5	1
10943	Toluene	108-88-3	1	0.5	1
10943	Xylene (Total)	1330-20-7	4	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	360	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	1,000	28	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 21:40	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 21:40	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 17:00	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 17:00	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370040A	05/21/2012 06:34	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370040A	05/17/2012 08:40	Catherine R Wiker	1

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Analysis Report

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Sample Description: DPE-8 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649547
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 07:15 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

D8QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
12005	DRO C12-C24 w/Si Gel	n.a.	130	30	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
	The reverse surrogate, capric acid, is present at <1%.				
Metals	**SW-846 6010B**		**ug/l**	**ug/l**	
01754	Iron	7439-89-6	3,140	14.1	1
07058	Manganese	7439-96-5	652	0.44	1
Wet Chemistry	**EPA 300.0**		**ug/l**	**ug/l**	
00368	Nitrate Nitrogen	14797-55-8	1,700	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	35,700	1,500	5
	SM20 2320 B		**ug/l as CaCO3**	**ug/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	104,000	700	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	700	1
	SM20 3500 Fe B modified		**ug/l**	**ug/l**	
08344	Ferrous Iron	n.a.	57	10	1
	SM20 4500 S2 D		**ug/l**	**ug/l**	
00230	Sulfide	18496-25-8	N.D.	54	1

General Sample Comments

State of Washington Lab Certification No. C259
The sample container for Nitrate, Nitrite and Sulfate was collected on 05/09/12 at 10:50.

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

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Analysis Report

REVISED

Sample Description: DPE-8 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649547
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 07:15 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

D8QAS

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 22:02	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 22:02	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 17:22	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 17:22	Catherine J Schwarz	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	121370040A	05/21/2012 06:57	Michele D Hamilton	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	121370040A	05/17/2012 08:40	Catherine R Wiker	1
01754	Iron	SW-846 6010B	1	121351848002	05/21/2012 01:18	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	121351848002	05/21/2012 01:18	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	121351848002	05/14/2012 12:25	James L Mertz	1
00368	Nitrate Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:58	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	12132655901A	05/11/2012 12:58	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	12132655901A	05/11/2012 12:58	Christopher D Meeks	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	12139020201B	05/18/2012 09:18	Hannah M Royer	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	12133834401A	05/12/2012 07:30	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	12136023001A	05/15/2012 08:45	Susan E Hibner	1

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Analysis Report

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Sample Description: FB-1 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649548
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

F1QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 22:24	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 22:24	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 13:20	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 13:20	Catherine J Schwarz	1

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Analysis Report

REVISED

Sample Description: FB-2 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649549
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

F2QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 22:46	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 22:46	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 13:42	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 13:42	Catherine J Schwarz	1

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Analysis Report

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REVISED

Sample Description: FB-3 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649550
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

F3QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 23:07	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 23:07	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 14:05	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 14:05	Catherine J Schwarz	1

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Analysis Report

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REVISED

Sample Description: DUP-1 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649551
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

P1QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	0.7	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 23:29	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 23:29	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 17:44	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 17:44	Catherine J Schwarz	1

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Analysis Report

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REVISED

Sample Description: DUP-2 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649552
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

P2QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/18/2012 23:50	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/18/2012 23:50	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 18:06	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 18:06	Catherine J Schwarz	1

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Analysis Report

REVISED

Sample Description: DUP-3 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 6649553
LLI Group # 1308435
Account # 11260

Project Name: 211577

Collected: 05/08/2012 by JP

Submitted: 05/11/2012 09:40
Reported: 06/27/2012 11:55

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

P3QAS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F121393AA	05/19/2012 00:12	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F121393AA	05/19/2012 00:12	Kevin A Sposito	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	12136B20A	05/16/2012 18:28	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	12136B20A	05/16/2012 18:28	Catherine J Schwarz	1

Quality Control Summary

Client Name: Chevron
Group Number: 1308435
Reported: 06/27/12 at 11:55 AM

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: F121393AA	Sample number(s): 6649541-6649553							
Benzene	N.D.	0.5	ug/l	92		77-121		
Ethylbenzene	N.D.	0.5	ug/l	95		79-120		
Toluene	N.D.	0.5	ug/l	94		79-120		
Xylene (Total)	N.D.	0.5	ug/l	98		77-120		
Batch number: F121394AA	Sample number(s): 6649540							
Benzene	N.D.	0.5	ug/l	90		77-121		
Ethylbenzene	N.D.	0.5	ug/l	87		79-120		
Toluene	N.D.	0.5	ug/l	92		79-120		
Xylene (Total)	N.D.	0.5	ug/l	88		77-120		
Batch number: P121401AA	Sample number(s): 6649522-6649524,6649527-6649539							
Benzene	N.D.	0.5	ug/l	99		77-121		
Ethylbenzene	N.D.	0.5	ug/l	97		79-120		
Toluene	N.D.	0.5	ug/l	101		79-120		
Xylene (Total)	N.D.	0.5	ug/l	97		77-120		
Batch number: P121432AA	Sample number(s): 6649525-6649526							
Benzene	N.D.	0.5	ug/l	98		77-121		
Ethylbenzene	N.D.	0.5	ug/l	95		79-120		
Toluene	N.D.	0.5	ug/l	97		79-120		
Xylene (Total)	N.D.	0.5	ug/l	94		77-120		
Batch number: 12135B20A	Sample number(s): 6649523-6649529,6649532-6649542							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	91	91	75-135	0	30
Batch number: 12136B20A	Sample number(s): 6649543-6649553							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	100	91	75-135	10	30
Batch number: 12142B20A	Sample number(s): 6649530-6649531							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	91	91	75-135	0	30
Batch number: 121360017A	Sample number(s): 6649523-6649525							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	58	54	50-120	6	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 121370038A	Sample number(s): 6649526-6649535							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	69	69	50-120	0	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 121370039A	Sample number(s): 6649536-6649545							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	61	63	50-120	3	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 121370040A	Sample number(s): 6649546-6649547							

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

Quality Control Summary

Client Name: Chevron
Reported: 06/27/12 at 11:55 AM

Group Number: 1308435

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	81	63	50-120	26*	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 121351848002	Sample number(s): 6649524-6649531,6649533-6649539,6649541-6649543,6649547							
Iron	18.4	14.1	ug/l	98		90-112		
Manganese	N.D.	0.44	ug/l	100		90-110		
Batch number: 121411848001	Sample number(s): 6649532							
Iron	N.D.	14.1	ug/l	97		90-112		
Manganese	N.D.	0.44	ug/l	98		90-110		
Batch number: 12132655901A	Sample number(s): 6649528-6649529,6649532,6649547							
Nitrate Nitrogen	N.D.	50.	ug/l	104		90-110		
Nitrite Nitrogen	N.D.	80.	ug/l	106		90-110		
Sulfate	N.D.	300.	ug/l	104		90-110		
Batch number: 12133655601A	Sample number(s): 6649524-6649527,6649530-6649531,6649533-6649535							
Nitrate Nitrogen	N.D.	50.	ug/l	95		90-110		
Nitrite Nitrogen	N.D.	80.	ug/l	95		90-110		
Sulfate	N.D.	300.	ug/l	93		90-110		
Batch number: 12133655601B	Sample number(s): 6649536-6649539,6649541-6649543							
Nitrate Nitrogen	N.D.	50.	ug/l	95		90-110		
Nitrite Nitrogen	N.D.	80.	ug/l	95		90-110		
Sulfate	N.D.	300.	ug/l	93		90-110		
Batch number: 12136655601A	Sample number(s): 6649538							
Sulfate	N.D.	300.	ug/l	90		90-110		
Batch number: 12133834401A	Sample number(s): 6649524-6649539,6649541-6649543,6649547							
Ferrous Iron	N.D.	10.	ug/l	98		93-105		
Batch number: 12136023001A	Sample number(s): 6649524-6649539,6649541-6649543,6649547							
Sulfide	N.D.	54.	ug/l	103		90-110		
Batch number: 12139020201A	Sample number(s): 6649524-6649533							
Alkalinity to pH 4.5	730	700.	ug/l as CaCO3	99		97-101		
Batch number: 12139020201B	Sample number(s): 6649534-6649539,6649541-6649543,6649547							
Alkalinity to pH 4.5	730	700.	ug/l as CaCO3	99		97-101		

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: F121393AA	Sample number(s): 6649541-6649553 UNSPK: 6649542								
Benzene	93	96	72-134	3	30				
Ethylbenzene	97	98	71-134	2	30				
Toluene	97	99	80-125	2	30				

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Group Number: 1308435
Reported: 06/27/12 at 11:55 AM

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
Xylene (Total)	100	102	79-125	2	30				
Batch number: F121394AA	Sample number(s): 6649540 UNSPK: 6649540								
Benzene	91	94	72-134	3	30				
Ethylbenzene	88	89	71-134	1	30				
Toluene	94	95	80-125	2	30				
Xylene (Total)	88	90	79-125	2	30				
Batch number: P121401AA	Sample number(s): 6649522-6649524,6649527-6649539 UNSPK: 6649523								
Benzene	105	105	72-134	0	30				
Ethylbenzene	98	97	71-134	1	30				
Toluene	105	104	80-125	1	30				
Xylene (Total)	96	95	79-125	1	30				
Batch number: P121432AA	Sample number(s): 6649525-6649526 UNSPK: P654361								
Benzene	105	104	72-134	1	30				
Ethylbenzene	100	101	71-134	1	30				
Toluene	106	105	80-125	0	30				
Xylene (Total)	99	100	79-125	1	30				
Batch number: 121351848002	Sample number(s): 6649524-6649531,6649533-6649539,6649541-6649543,6649547 UNSPK: 6649530 BKG: 6649530								
Iron	362 (2)	129 (2)	75-125	6	20	35,700	36,800	3	20
Manganese	116 (2)	94 (2)	75-125	1	20	8,480	8,630	2	20
Batch number: 121411848001	Sample number(s): 6649532 UNSPK: P657212 BKG: P657212								
Iron	96	97	75-125	1	20	184	186	1 (1)	20
Manganese	96	97	75-125	1	20	3.1	3.5	12 (1)	20
Batch number: 12132655901A	Sample number(s): 6649528-6649529,6649532,6649547 UNSPK: P648769 BKG: P648769								
Nitrate Nitrogen	100		90-110			5,500	5,600	1	20
Nitrite Nitrogen	101		90-110			N.D.	N.D.	0 (1)	20
Sulfate	100		90-110			N.D.	N.D.	0 (1)	20
Batch number: 12133655601A	Sample number(s): 6649524-6649527,6649530-6649531,6649533-6649535 UNSPK: P647556 BKG: P647556								
Nitrate Nitrogen	98		90-110			340	340	1 (1)	20
Nitrite Nitrogen	89*		90-110			N.D.	N.D.	0 (1)	20
Sulfate	97		90-110			8,600	8,600	0	20
Batch number: 12133655601B	Sample number(s): 6649536-6649539,6649541-6649543 UNSPK: 6649536 BKG: 6649536								
Nitrate Nitrogen	96		90-110			3,600	3,800	6	20
Nitrite Nitrogen	85*		90-110			N.D.	N.D.	0 (1)	20
Sulfate	93		90-110			12,800	13,200	4 (1)	20
Batch number: 12136655601A	Sample number(s): 6649538 UNSPK: P646556 BKG: P646556								
Sulfate	90		90-110			89,600	89,200	0	20
Batch number: 12133834401A	Sample number(s): 6649524-6649539,6649541-6649543,6649547 UNSPK: 6649541 BKG: 6649541								
Ferrous Iron	97	96	81-112	0	6	3,600	3,600	2 (1)	5
Batch number: 12136023001A	Sample number(s): 6649524-6649539,6649541-6649543,6649547 UNSPK: 6649541 BKG:								

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

Quality Control Summary

Client Name: Chevron
Reported: 06/27/12 at 11:55 AM

Group Number: 1308435

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
	6649541								
Sulfide	103	96	43-137	3	16	480	460	3 (1)	5
Batch number: 12139020201A	Sample number(s): 6649524-6649533 UNSPK: 6649529 BKG: 6649529								
Alkalinity to pH 4.5	99		59-128			167,000	169,000	1	5
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	5
Batch number: 12139020201B	Sample number(s): 6649534-6649539,6649541-6649543,6649547 UNSPK: 6649529 BKG: 6649536								
Alkalinity to pH 4.5	99		59-128			134,000	137,000	2	5
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	5

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: F121393AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6649541	99	95	98	95
6649542	103	98	98	93
6649543	102	98	98	94
6649544	104	99	99	95
6649545	105	98	98	92
6649546	100	94	101	101
6649547	104	97	98	94
6649548	104	99	99	93
6649549	102	97	99	93
6649550	102	98	99	93
6649551	103	97	101	96
6649552	100	97	97	93
6649553	102	100	99	94
Blank	101	97	99	94
LCS	98	96	98	101
MS	100	97	100	103
MSD	99	96	98	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F121394AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6649540	98	104	97	90
Blank	96	102	98	91
LCS	94	100	99	98
MS	94	100	98	97
MSD	93	103	97	99

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Group Number: 1308435
Reported: 06/27/12 at 11:55 AM

Surrogate Quality Control

Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: P121401AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6649522	96	97	102	94
6649523	95	97	101	97
6649524	96	96	102	95
6649527	95	95	101	96
6649528	95	97	101	98
6649529	95	98	102	95
6649530	97	96	101	98
6649531	96	96	101	95
6649532	95	98	101	95
6649533	95	96	101	94
6649534	97	97	101	95
6649535	96	95	101	96
6649536	95	98	101	95
6649537	95	97	101	95
6649538	96	97	101	94
6649539	95	98	101	94
Blank	95	97	102	94
LCS	94	99	102	97
MS	94	100	102	98
MSD	94	98	101	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: P121432AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6649525	96	97	100	95
6649526	94	97	101	99
Blank	93	97	102	95
LCS	93	100	102	98
MS	94	100	102	97
MSD	93	99	102	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 12135B20A

	Trifluorotoluene-F
6649523	79
6649524	81
6649525	80
6649526	82
6649527	79
6649528	81
6649529	78
6649532	77
6649533	79
6649534	78

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 06/27/12 at 11:55 AM

Group Number: 1308435

Surrogate Quality Control

6649535	83
6649536	80
6649537	77
6649538	80
6649539	82
6649540	87
6649541	95
6649542	77
Blank	79
LCS	99
LCSD	98
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 12136B20A

	Trifluorotoluene-F
6649543	89
6649544	89
6649545	89
6649546	99
6649547	88
6649548	87
6649549	89
6649550	88
6649551	89
6649552	87
6649553	89
Blank	90
LCS	108
LCSD	106
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 12142B20A

	Trifluorotoluene-F
6649530	89
6649531	89
Blank	88
LCS	105
LCSD	105
Limits:	63-135

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 121360017A

	Orthoterphenyl
6649523	134
6649524	59
6649525	70
Blank	81
LCS	85
LCSD	78

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

Quality Control Summary

Client Name: Chevron
Reported: 06/27/12 at 11:55 AM

Group Number: 1308435

Surrogate Quality Control

Limits: 50-150

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 121370038A

	Orthoterphenyl
6649526	77
6649527	66
6649528	60
6649529	79
6649530	83
6649531	82
6649532	77
6649533	96
6649534	88
6649535	77
Blank	80
LCS	85
LCSD	80

Limits: 50-150

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 121370039A

	Orthoterphenyl
6649536	89
6649537	84
6649538	81
6649539	82
6649540	82
6649541	76
6649542	110
6649543	77
6649544	8*
6649545	79
Blank	97
LCS	74
LCSD	88

Limits: 50-150

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 121370040A

	Orthoterphenyl
6649546	115
6649547	115
Blank	110
LCS	101
LCSD	89

Limits: 50-150

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

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

Quality Control Summary

Client Name: Chevron
Reported: 06/27/12 at 11:55 AM

Group Number: 1308435

*- 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

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11260 Sample #: 166495 22-53 SCR#:

Grp# 1308435

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: TB Lead Consultant: SAICRS Shropshire
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr. Deanna L. Harding (deanna@grinc.com)
Consultant Phone #925-551-7555 Fax #: 925-551-7899
Sampler: J. Payne / M. Lombard / Gilbert
Service Order #: ☐ Non SAR:

Matrix

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers
QA	5.8.12		X			X		2
VP.4	5.8.12	1050	X			X		8
VP.5	5.8.12	1000	X			X		14
VP.8	5.8.12	0905	X			X		14
MW.4	5.8.12	1330	X			X		14
MW.6	5.8.12	1050	X			X		14
MW.9	5.8.12	0805	X			X		14
MW.10	5.8.12	0715	X			X		14
MW.14	5.8.12	1240	X			X		14
MW.15	5.8.12	1245	X			X		14
MW.16	5.8.12	1340	X			X		14
MW.17	5.8.12	1010	X			X		14
MW.18	5.8.12	1150	X			X		14

Analyses Requested

Preservation Codes

BTEX + ☐ Naphth ☐ 8021 ☐ 8260	8260 full scan	Oxygenates (___)	TPH G (NW)	TPH D (NW) Extended Rng. ☐ Silica Gel Cleanup ☑	Lead Total ☐ Diss. ☐ Method ___	TOTAL IRON MANGANESE	NWTPH HCID ☐ quantification	FERROUS IRON	ALKALINITY (SM2320B)	NITRATE / SULFATES	SULFIDE (SM4500)
H			H	H		N		N	N	N	O

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required) **EDF/EDD**
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
	5.8.12	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by:	Date	Time
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11260 Sample #: 1606491522-53 SCR#:

Grp# 1308435

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: TB Lead Consultant: SAICRS Shropshire
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: J. PAYNE / M. LAMBARD / GILBERT
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + ☐ 8021 ☐ 8260 ☐ Naphth	8260 full scan	Oxygenates	TPH G	TPH D	Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	NWTPH HCID ☐ quantification	Perchlorate	Alkalinity	Nitrate	Sulfate
MW-21	5-8-12	1230	X			X		14	X			X	X			X	X	X	X	X
MW-25	5-8-12	1150	X			X		14	X			X	X			X	X	X	X	X
MW-26	5-8-12	0930	X			X		14	X			X	X			X	X	X	X	X
MW-30	5-8-12	1500	X			X		14	X			X	X			X	X	X	X	X
MW-31	5-8-12	1530	X			X		14	X			X	X			X	X	X	X	X
MW-32	5-8-12	0840	X			X		8	X			X	X							
MW-33	5-8-12	1130	X			X		14	X			X	X			X	X	X	X	X
MW-34	5-8-12	1415	X			X		14	X			X	X			X	X	X	X	X
MW-35	5-8-12	1050	X			X		14	X			X	X			X	X	X	X	X
RW-2	5-8-12	0810	X			X		8	X			X	X							
DPE-5	5-8-12	1040	X			X		8	X			X	X							
DPE-6	5-8-12	0900	X			X		8	X			X	X							
DPE-8	5-8-12	1015	X			X		14	X			X	X			X	X	X	X	X

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.

pg 2 of 3

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

Data Package Options (please circle if required) **EDF/EDD**
QC Summary | Type I - Full
Type VI (Raw Data) | Disk / EDD
WIP (RWQCB) | Standard Format
Disk | _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
	5-8-12	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	Date	Time

Temperature Upon Receipt _____ C° Custody Seals Intact? Yes No

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

Acct. #: 11260 — For Lancaster Laboratories use only — Sample #: 6649522-53 — SCR#: — Grp# 1308435

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: TB — Lead Consultant: SAICRS Shropshire
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr. Deanna L. Harding (deanna@grinc.com)
Consultant Phone #925-551-7555 — Fax #: 925-551-7899
Sampler: J. PAYNE / M. LOMBARDO / GILBERT
Service Order #: — ☐ Non SAR:

Preservative Codes
H = HCl — T = Thiosulfate
N = HNO_3 — B = NaOH
S = H_2SO_4 — O = Other

☐ 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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	Analyses Requested / Preservation Codes: BTEX + ☐ 8021 ☐ 8260 ☐ Naphth	8260 full scan	Oxygenates	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification
FB1	5.8.12		x			x		6	x			x				
FB.2	5.8.12		x			x		6	x			x				
FB.3	5.8.12		x			x		6	x			x				
DUP.1	5.8.12		x			x		6	x			x				
DUP.3	5.8.12		x			x		6	x			x				
DUP.2	5.8.12		x			x		6	x			x				

Comments / Remarks

FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.

pg 1 of 2

Turnaround Time Requested (TAT) (please circle)
STD. TAT — 72 hour — 48 hour — 24 hour — 4 day — 5 day

Data Package Options (please circle if required) — **EDF/EDD**
QC Summary — Type I - Full
Type VI (Raw Data) — Disk / EDD
WIP (RWQCB) — Standard Format
Disk — ____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
	5.8.12	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by:	Date	Time
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. #: 11260 Sample # ~~6648736-39~~ 6649522-53 ①KMZ 5-11-12 Group #: 008069 1308435 Grp# ~~1308276~~

Facility #: 211577

Site Address: 631 Queen Anne North SEATTLE WA

Chevron PM: THOMAS BAUHS Lead Consultant: SAIC

Consultant/Office: 6747 Sierra Ct, Ste. J Dublin, CA 94568

Consultant Prj. Mgr.: DEANNA HARDING

Consultant Phone #: 925 551-7555 Fax #:

Sampler: Mike L., Gilbert M

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Oil / Air	Total Number of Containers	BTEX + MTBE 8260 / 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO / Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	Nitrate/Nitrite/Sulfate EPA 300.0			
MW-9	5-9-12	1015	X			X		1								X			
MW-10	↓	1030	X			X		1								X			
MW-16	↓	1105	X			X		1								X			
DPE-8	↓	1050	X			X		1								X			

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
(STD. TAT circled) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-9-12	1400			
Relinquished by Commercial Carrier: UPS (FedEx circled) Other ____			Received by: [signature]	5-11-12	0940
Temperature Upon Receipt 1.4 C°			Custody Seals Intact? (Yes circled) No		

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories *Where quality is a science.*

For Lancaster Laboratories use only Grp # 1308435
Acct. #: 11260 Sample #: 6649522-53 SCR#:

AMENDED

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: TB Lead Consultant: SAICRS Shropshire
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr. Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: J. Payne / M. LOMBARD / GILBERT
Service Order #: ☐ Non SAR:

Analyses Requested

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	NW TPH G (H)	NW TPH D (H) ☐ Extended Rng ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	TOTAL IRON (N)	NWTPH HCID ☐ Quantification	FERROUS IRON (H)	ALKALINITY (SM2320B)	NITRATE / SULFATES	SULFIDE (SM204500)
QA	5.8.12		X			X		2	X			X								
VP-4	5.8.12	1050	X			X		8	X			X	X							
VP-5	5.8.12	1000	X			X		14	X			X	X		X		X	X	X	X
VP-8	5.8.12	0905	X			X		14	X			X	X		X		X	X	X	X
MW-4	5.8.12	1330	X			X		14	X			X	X		X		X	X	X	X
MW-6	5.8.12	1030	X			X		14	X			X	X		X		X	X	X	X
MW-9	5.8.12	0805	X			X		14	X			X	X		X		X	X	X	X
MW-10	5.8.12	0715	X			X		14	X			X	X		X		X	X	X	X
MW-14	5.8.12	1240	X			X		14	X			X	X		X		X	X	X	X
MW-15	5.8.12	1245	X			X		14	X			X	X		X		X	X	X	X
MW-16	5.8.12	0840	X			X		14	X			X	X		X		X	X	X	X
MW-17	5.8.12	1010	X			X		14	X			X	X		X		X	X	X	X
MW-18	5.8.12	1150	X			X		14	X			X	X		X		X	X	X	X

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks
JHM 5/11/12
FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.
pg 1 of 3
add nitrite to nitrate/sulfate analysis
QA 300
BTEX only on QA due to breakage JMP 5/14/12

Turnaround Time Requested (TAT) (please circle)
STD. TAT (circled) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required) EDF/EDD
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ________ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5-8-12	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx (circled) Other ________			Received by:	Date	Time
Temperature Upon Receipt ______ C°			Custody Seals Intact? Yes No		

Chevron Northwest Region Analysis Request / Chain of Custody

Lancaster Laboratories — Where quality is science.

For Lancaster Laboratories use only — Acct. #: 11260 — Sample #: 6649522-53 — Grp # 1308435 — SCR#:

AMENDED

Facility #: SS#211577-ONL G-R#386765

Site Address: 631 Queen Anne North, SEATTLE, WA

Chevron PM: TB — Lead Consultant: SAIC/RS Shropshire

Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Pm. Mgr: Deanna L. Harding (deanna@grinc.com)

Consultant Phone #: 925-551-7555 — Fax #: 925-551-7899

Sampler: J Payne / M. Lawhead / Gilbert

Service Order #: ☐ Non SAP:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil	Air	Total Number of Containers
MW-71	5-8-12	1730	X			X			12
MW-75	5-8-12	1150	X			X			12
MW-76	5-8-12	1430	X			X			12
MW-30	5-8-12	1520	X			X			12
MW-31	5-8-12	1350	X			X			12
MW-32	5-8-12	1100	X			X			12
MW-33	5-8-12	1130	X			X			12
MW-34	5-8-12	1415	X			X			12
MW-35	5-8-12	1050	X			X			12
RD-2	5-8-12	1330	X			X			8
DUP-5	5-8-12	1000	X			X			8
DUP-6	5-8-12	0900	X			X			8
DUP-8	5-8-12	1015	X			X			12

Analyses Requested — Preservation Codes

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

- ☐ 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 ____ only a on highest hit
  - ☐ Run ____ only a on all hits

Comments / Remarks

Jan 3/11/12

FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED

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

pg 2 of 3

add nitrite to nitrate/Sulfate analysis

Turnaround Time Requested (TAT) (please circle)

STD. TAT | 72 hour | 48 hour | 24 hour | 4 day | 5 day

Data Package Options (please circle if required) — EDF/EDD

QC Summary | Type I - Full | Type VI (Raw Data) | Disk / EDD | WIP (RWQCB) | Standard Format | Disk | Other

Relinquished by:	Date	Time	Received by:	Date	Time
	5-8-12	1800			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt ____ °C			Custody Seals Intact? Yes No		

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

3488 Rev. 8/8/01

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories *Where quality is a science.*

AMENDED

For Lancaster Laboratories use only — Acct. #: 11260 Sample #: 6649522-53 SCR#: ____ Grp# 1308435

Facility #: SS#211577-OML G-R#386765

Site Address: 631 Queen Anne North, SEATTLE, WA

Chevron PM: TB Lead Consultant: SAICRS Shropshire

Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)

Consultant Phone #: 925-551-7555 Fax #: 925-551-7899

Sampler: J. Payne / M. Lombard / Gilbert

Service Order #: ____ ☐ Non SAR: ____

Matrix: ☐ Potable ☐ NPDES; Oil ☐ Air ☐

Analyses Requested / Preservation Codes: H

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil / Air	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☑	8260 full scan	Oxygenates	NWTPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification				
FB1	5.8.12		X			X		6	X			X								
FB2	5.8.12		X			X		6	X			X								
FB3	5.8.12		X			X		6	X			X								
DUP1	5.8.12		X			X		6	X			X								
DUP3	5.8.12		X			X		6	X			X								
DUP2	5.8.12		X			X		6	X			X								

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED
Please forward the lab results directly to the Lead Consultant and cc: G-R.

pg 3 of 3

Turnaround Time Requested (TAT) (please circle)
(STD. TAT — circled) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required) EDF/EDD
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	5.8.12	1600			

Relinquished by Commercial Carrier: UPS (FedEx — circled) Other ____ — Received by: ____ Date ____ Time ____

Temperature Upon Receipt ____ C° — Custody Seals Intact? Yes No

eurofins | Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

Data Qualifiers:

C – result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

B	Value is <CRDL, but ≥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.