NW0911

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The Benham Companies, LLC
A Wholly Owned Subsidiary

November 10, 2010

Ms. Olivia Skance
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3636
San Ramon, California 94583

Subject: **First 2010 Semiannual Groundwater Monitoring Report**
Former Texaco Service Station / Chevron Facility No. 21-1577
631 Queen Anne Avenue North
Seattle, Washington

Dear Ms. Skance:

The Benham Companies, LLC, an SAIC Company (SAIC-Benham), on behalf of Chevron Environmental Management Company (Chevron), prepared this letter summarizing the latest groundwater monitoring and sampling results from the above-referenced site (the Site) in Seattle, Washington. The first 2010 semiannual groundwater monitoring event was conducted by Gettler-Ryan Inc. (G-R) on April 19 through the 22, 2010.

Groundwater elevation and analytical data are presented along with field data sheets and a laboratory analytical report in the Gettler-Ryan Inc. *Groundwater Monitoring and Sampling Report*, which is included as Attachment A.

FIELD ACTIVITIES

Depth-to-groundwater measurements were collected from 40 of the monitoring wells present on the Site. Each monitoring well was also checked for the presence of separate-phase hydrocarbon (SPH). SPH was not detected in any of the monitoring wells gauged during this event.

At the time of this monitoring event, groundwater elevations ranged from 103.35 feet in monitoring well MW-10 to 67.14 feet in monitoring well MW-30, relative to an arbitrary site datum of 100.00 feet.[1] Groundwater flow at the time of this event was towards the southwest at an

1. Footnote * in Table 1 of the attached Groundwater Monitoring and Sampling Report by Gettler-Ryan incorrectly states that top-of-casing (TOC) elevations were surveyed relative to mean sea level (msl); however, the TOC elevations provided in Table 1 were measured relative to an arbitrary site datum of 100.00 feet.

approximate gradient of 0.02 to 0.2 feet per foot (ft/ft), and groundwater elevation had increased an average of 1.34 feet since the previous groundwater monitoring event performed in November 2009. Figure 1 of Attachment A depicts groundwater elevations and well locations.

Groundwater samples were collected from 25 monitoring wells on the Site and submitted to Lancaster Laboratories, Inc. in Lancaster, Pennsylvania, for the following analyses:

- Gasoline-range hydrocarbons by Washington State Department of Ecology (WDOE) Method NWTPH-Gx;
- Diesel- and heavy oil-range hydrocarbons by WDOE Method NWTPH-Dx extended range with silica gel cleanup; and
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260B.

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

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

Analytical results are presented in Tables 1 and 2, and laboratory reports are included as Attachment A.

ANALYTICAL RESULTS

The following petroleum analytes were detected at concentrations exceeding their respective Model Toxics Control Act (MTCA) Method A cleanup levels (CULs).

- Gasoline-range hydrocarbons in monitoring wells MW-4 and MW-14;
- Diesel-range hydrocarbons in monitoring wells VP-4, VP-8/MW-7, MW-4, MW-9, MW-14, MW-18, MW-25, DPE-5, DPE-6, and DPE-8/MW-22;
- Heavy oil-range hydrocarbons in monitoring wells VP-4, MW-4, DPE-6, and DPE-8/MW-22; and
- Benzene in monitoring wells MW-4, MW-6, MW-14, MW-21, MW-33, MW-35, RW-2, and DPE-6.

None of the other constituents were detected at concentrations exceeding their respective MTCA Method A CULs. Groundwater analytical results are summarized in Table 1 of Attachment A.

QUALITY ASSURANCE SAMPLES

Duplicate groundwater samples were collected from wells MW-6, MW-17, and MW-30 and submitted for gasoline-range hydrocarbons (WDOE Method NWTPH-Gx) and BTEX (USEPA Method 8260B). The gasoline-range hydrocarbons and BTEX results were well correlated (i.e. difference between concentrations was within ±10 percent) between the groundwater sample and duplicate. Total xylenes and benzene results were slightly greater than 10 percent between the original and duplicate for monitoring well MW-6.

Three field blank samples were collected during the groundwater monitoring event. The field blank samples were collected at well MW-6 (FB-1), MW-17 (FB-2), and MW-30 (FB-3). Field blank samples were analyzed for BTEX by EPA Method 8260B and for gasoline-range hydrocarbons by WDOE Method NWTPH-Gx. No analytes were detected above their respective laboratory reporting limits in any of the field blank samples.

Trip blank samples were provided by Lancaster Laboratories and accompanied volatile organic compound (VOC) sample containers throughout the sampling. The trip blank samples were analyzed for BTEX by EPA Method 8260B and for gasoline-range hydrocarbons by WDOE Method NWTPH-Gx. No analytes were detected above their respective laboratory reporting limits in any of the trip blank samples.

Duplicate, field blank, and trip blank results are presented in Table 1 of Attachment A.

SUMMARY

The April 2010 semiannual groundwater monitoring event performed at the Site represents the fifth groundwater monitoring event since the shut-down of the dual-phase extraction (DPE) remediation system in April 2008. The results from this event are generally consistent with the results of the four previous groundwater monitoring events. Benzene and gasoline-, diesel- and heavy oil-range hydrocarbons continue to be detected at concentrations exceeding their respective MTCA Method A CULs. However, when comparing the analytical results from this sampling event to concentrations prior to operation of the DPE system (November 2005), the results from the last four sampling events indicated that the DPE system successfully reduced concentrations of BTEX and gasoline-range hydrocarbons within the area of active remediation. As expected from a DPE remediation system, diesel- and heavy oil-range hydrocarbons have not been reduced as significantly as the Site's contaminates of concern (benzene and gasoline-range hydrocarbons).

Monitoring well MW-33, located in the southwestern corner of the U-Park parking lot, continues to contain the highest concentration of benzene since the shut-down of the DPE system. The dissolved-phase hydrocarbon contaminates in this area are likely remnant dissolved-phase impacts from groundwater migration from the contaminant source zone (Manhattan Express, Del Roy, and Monterey properties). The continued decline of down-gradient, dissolved-phase

groundwater impacts is expected because of the cleanup of the up-gradient source area and ongoing natural attenuation of petroleum hydrocarbons present at the Site.

If you have any questions or comments about the information provided herein, please contact me at (425) 482-3321 or via email at catterallp@saic.com.

PLEASE NOTE: In an effort to adopt practices that reduce negative impacts on the environment, SAIC-Benham is in the process of transitioning to an electronic distribution of all Groundwater Monitoring Reports. Please contact me at (425) 482-3321 or via email at catterallp@saic.com if you would be willing to accept an electronic copy of this report in lieu of a hard copy; in the absence of a response we will continue to provide you a hard copy.

Sincerely,

The Benham Companies, LLC, an SAIC Company

for PHC

Peter Catterall
Senior Project Manager

Enclosure:

Attachment A. Gettler-Ryan Inc. - *Groundwater Monitoring & Sampling Report*, Event of April 19th through 22nd, 2010, Former Texaco Service Station No. 21-1577, 631 Queen Anne Avenue North, Seattle, Washington

cc: Mr. Christopher Maurer, WDOE Northwest Region, Toxics Cleanup Program
Mr. Paul McTaggard, Darco, Inc.
Mr. Gerry Pigotti, Monterey Apartments, LLC
Mr. Berthin Hyde, Sound Environmental Strategies
File

Attachment A:
Gettler-Ryan Inc. – Groundwater Monitoring and Sampling Report,
Former Texaco Service Station / Chevron Facility No. 21-1577,
631 Queen Anne Ave North, Seattle, Washington

GETTLER-RYAN INC.

TRANSMITTAL

May 26, 2010
G-R #386765

TO: Mr. Peter H. Catterall
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	DATED	DESCRIPTION
6	May 18, 2010	Groundwater Monitoring and Sampling Report **Event of April 19, 20, 21, and 22, 2010**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Ms. Olivia Skance, Chevron Environmental Management Company, 6111 Bollinger Canyon Road, Room 3636, San Ramon, CA 94583
Mr. Chris Maurer, Washington State Department of Ecology, Toxics Cleanup Division, P.O. Box 47775, Olympia, WA 98504-7775
Mr. Paul McTaggard, Darco, Inc., 420 East Howell, Seattle, WA 98122
Mr. Gerry Pigotti, Monterey Apartments, LLC, 1525 4th Avenue, Suite 500, Seattle, WA 98101
Mr. Bert Hyde, Sound Environmental Strategies, 2400 Airport Way, Suite 200, Seattle, WA 98134

☑ *Current Site Check List included.*

Enclosure

trans/211577-BH

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	**Chevron #211577** Date: 4/19-4/22/10
Address:	**631 Queen Anne North**
City/St.:	**Seattle, WA**
Status of Site:	QUEEN ANNE NEIGHBORHOOD

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

#	Description	Condition	Labeling	Contents	Location
	NO				
	DRUMS				

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

Well ID	Well Box	Bolts	Well Plug	Well Lock	Other
VP-2	OK	NO BOLTS	OK	OK	
VP-4		NO BOLTS			
VP-5		OK			
VP-7		OK			
VP-8		NO BOLTS			
VP-9		OK			
MW-4		NO BOLTS			
MW-6		OK			
MW-9		Replaced			
MW-10		OK			
MW-11		NO BOLTS			
MW-12	1 BROKEN FLANGE	OK			
MW-13	OK	OK			
MW-14		1 MISSING			
MW-15		NO BOLTS			
MW-16					
MW-17					
MW-18					
MW-19		REPLACED			
MW-20		1 MISSING			
MW-21	1 BROKEN FLANGE	NO BOLTS			

Additional Comments/Observations:

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	**Chevron #211577**	Date:	4/19-4/22/10
Address:	**631 Queen Anne North**		
City/St.:	**Seattle, WA**		
Status of Site:	QUEEN ANNE		

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

#	Description	Condition	Labeling	Contents	Location
	NO DRUMS				

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

Well ID	Well Box	Bolts	Well Plug	Well Lock	Other
MW-23	OK	OK	OK	OK	
MW-24	↓	OK	↓	↓	
MW-25		NO BOLTS			
MW-26		NO BOLTS			
MW-30		NO BOLTS			
MW-31		OK			
MW-32		↓			
MW-33					
MW-34		1 Missing			
MW-35		OK			
RW-2		OK			
DPE-1		NO BOLTS			
DPE-2		OK			
DPE-3		↓			
DPE-4					
DPE-5					
DPE-6					
DPE-7					
DPE-8					
DPE-9	↓	↓	↓	↓	

Additional Comments/Observations:

GETTLER-RYAN INC.

May 18, 2010
Job #386765

Ms. Olivia Skance
Chevron Environmental Management Company
6111 Bollinger Canyon Rd., Room 3636
San Ramon, CA 94583

RE: Event of April 19, 20, 21, and 22, 2010
Groundwater Monitoring & Sampling Report
Former Texaco Service Station
631 Queen Anne Avenue North
Seattle, Washington
(Site #211577)

Dear Ms. Skance:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any wells. Separate Phase Hydrocarbon Thickness/Removal Data is presented in Table 3. Static water level data and groundwater elevations are presented in Table 1. A Potentiometric Map is included as Figure 1.

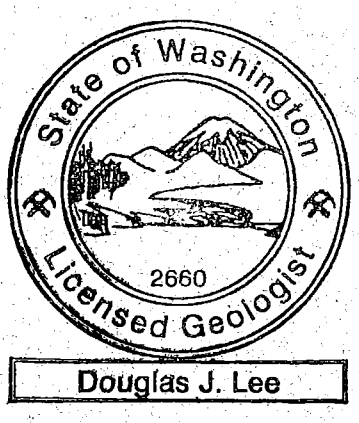
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. A Concentration Map is included as Figure 2. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical reports are attached. Purge water was treated by filtration through granular activated carbon and was subsequently discharged.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Cheryl A Hansen
-FOR-
Deanna L. Harding
Project Coordinator

Douglas J. Lee
Senior Geologist, L.G. No. 2660



6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888

Figure 1:	Potentiometric Map
Figure 2:	Concentration Map
Table 1:	Groundwater Monitoring Data and Analytical Results
Table 2:	Groundwater Analytical Results
Table 3:	Separate Phase Hydrocarbon Thickness/Removal Data
Table 4:	Groundwater Analytical Results – SVOCs and PAHs
Table 5:	Groundwater Analytical Results - VOCs
Table 6:	Groundwater Analytical Results – Dissolved Metals
Table 7:	Groundwater Analytical Results – Oxygenate Compounds
Attachments:	Standard Operating Procedure - Groundwater Sampling
	Field Data Sheets
	Chain of Custody Document and Laboratory Analytical Reports

Source: Figure modified from drawing provided by SAIC, Site Plan, Dated: 1/15/08.

FIGURE 1

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

0 50
Scale in Feet
N

WEST ROY STREET

2ND AVENUE WEST

1ST AVENUE WEST

QUEEN ANNE AVENUE NORTH

WEST MERCER STREET

Chandler Hall Apartments

Uptown Studios Apartments

Queen Anne Arms Apartments

Bank of America Parking Lot

Q-Park Parking Lot

Residences

Restaurant Tup Tim Thai

Bank of America

Del Roy Apartments

Monterey Apartments

Alvena Vista Apartments

18 Mercer Street Building

Manhattan Express

Retaining Wall

Remediation System Compound

The Bungalows at Queen Anne Apartments

Retaining Wall

MW-27 NM
MW-34 67.39
MW-30 67.14
MW-28 NM
MW-29 NM 294'
MW-31 67.42
MW-35 70.07
MW-21 69.11
MW-33 72.45
NV-2
NV-1
MW-16 90.90
MW-26 90.83
MW-32 90.65
MW-17 90.48
MW-20 98.54
MW-25 91.16
MW-14 91.15
MW-15 90.18
MW-24 [102.55]*
VP-9 [103.28]*
MW-9 95.23
MW-10 103.35
MW-13 97.72
DPE-6 95.12
DPE-7 94.37
RW-4 NM
MW-6 94.29
DPE-8/MW-22 92.41
MW-4 91.35
DPE-4
DPE-9 91.95
VP-2 92.86
RW-2 94.07
DPE-5 97.90
RW-3 NM
VP-1 91.44
RW-5 NM
MW-23 [99.80]*
MW-12 [102.08]*
DVP-2
DVP-1
MW-18 91.27
VP-4 92.03
VP-3/MW-2
VP-7/MW-3 91.09
DPE-3 92.78
VP-8/MW-7 93.73
MW-19 91.12
VP-5/MW-5 91.61
DPE-1/VP-6 91.37
DPE-2/SP-3 91.69
MP-1 NM
MP-2 NM
MW-11 O/W

Approximate groundwater flow direction at a gradient of 0.02 to 0.2 Ft./Ft.

EXPLANATION

- Monitoring well (Former Texaco)
- Monitoring well (Former Texaco) (Deep Zone)
- Monitoring/vapor well (Former Unocal)
- Vapor well (Former Unocal)
- Recovery well (Former Unocal)
- Destroyed well
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level
- --99.99-- Groundwater elevation contour, dashed where inferred
- [99.99]* — Not used in contouring, well in perched zone
- [99.99] — Not used in contouring
- O/W — Obstruction in Well
- NM — Not Monitored

GETTLER-RYAN INC.
6747 Sierra Court, Suite J
Dublin, CA 94568
(925) 551-7555

PROJECT NUMBER 386765
REVIEWED BY
DATE April 19, 20, 21, and 22, 2010
REVISED DATE

FILE NAME: P:\Enviro\Texaco\211577\Q10-211577.dwg | Layout Tab: Pot2

Source: Figure modified from drawing provided by SAIC, Site Plan, Dated: 1/15/08.

0 50
Scale in Feet
N

WEST ROY STREET

MW-20 NS

NS MW-27

Chandler Hall Apartments

<0.5/<50/<31^ MW-16

66/<50/59^ MW-35

U-Park Parking Lot

<0.5/<50/41^ MW-26

830/790/270^ MW-33 NV-2 NV-1 MW-32

<0.5/<50/31^

Queen Anne Arms Apartments

<0.5/<50/<30^ MW-34

MW-17 <0.5/<50/<31^

2ND AVENUE WEST

Uptown Studios Apartments

MW-30 <0.5/<50/<30^

MW-21 88/67/38^

Bank of America Parking Lot

NS MW-28

Residences

Restaurant Tup Tim Thai

NS MW-29 294'

MW-31 <0.5/<50/28^

Bank of America

1ST AVENUE WEST

MW-15 <0.5/<50/<29^

MP-2 NS

MW-11 0/W

18 Mercer Street Building

WEST MERCER STREET

<0.5/<50/540 MW-25

Del Roy Apartments

16/1,600/3,200^ MW-14

NS MW-24

NS VP-9

1/130/1,200^ MW-9

MW-10 <0.5/<50/31^

44/680/10,000^ DPE-6

MW-13 NS

* RW-4

NS DPE-7

2/88/2,000^ DPE-8/MW-22

550/1,400/7,200^ MW-4

MW-6

20/630/NA

2/78/530^ DPE-5

Manhattan Express

NS DPE-4 NS DPE-9 NS VP-2 9/160/430^ RW-2

Retaining Wall

RW-3 NS VP-1 RW-5 NS

Remediation System Compound

Monterey Apartments

DVP-2 DVP-1

MW-23 NS

MW-12 NS

3/91/1,000 MW-18

2/640/13,000^ VP-4 VP-3/MW-2

The Bungalows at Queen Anne Apartments

NS VP-7/MW-3

DPE-3 NS

VP-8/MW-7 <0.5/190/970^

MW-19 NS

VP-5/MW-5 0.7/120/200^

DPE-1/VP-6 NS

DPE-2/SP-3 NS

MP-1 NS

Alvena Vista Apartments

Retaining Wall

QUEEN ANNE AVENUE NORTH

EXPLANATION

- Monitoring well (Former Texaco)
- Monitoring well (Former Texaco) (Deep Zone)
- Monitoring/vapor well (Former Unocal)
- Vapor well (Former Unocal)
- Recovery well (Former Unocal)
- Destroyed well
- A/B/C — Benzene/TPH-GRO/TPH-DRO concentrations in µg/L
- NS — Not Sampled
- O/W — Obstruction in Well
- ^ — w/silica gel cleanup
- NOTE: Benzene by EPA Method 8260

FIGURE 2

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

REVISED DATE

DATE
April 19, 20, 21, and 22, 2010

GETTLER - RYAN INC.
6747 Sierra Court, Suite J
Dublin, CA 94568
(925) 551-7555

PROJECT NUMBER
386765

REVIEWED BY

FILE NAME: P:\Enviro\Texaco\211577\010-211577.dwg | Layout Tab: Con2

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
VP-2														
12/15/99		104.72	--	--	--	--	29,900	<2,500[23]	5,980	935	345	43.8	305	--
06/14/00		104.72	--	--	--	--	2,810	<1,000[23]	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[1]	<250[1]	6,230	549	42.6	106	1,120	1.52[16]
06/30-07/01/03		104.72	--	12.51	0.00	92.21	35,900[1]	1,380[1]	3,330	180	58.8	32.4	510	3.97[16]
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[1]	<56,000[1,23]	1,700	69	16	<10	210	5.3[16]
04/29-30/04		104.72	--	10.53	0.00	94.19	850[1]	2,200[1]	6,400	1,500	94	68	760	2.1[16]
07/15-16/04		104.72	--	13.52	0.00	91.20	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
08/03/04[8]		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]	1,600[1]	640	23	3.6	5.3	57	--
04/18-21/05	NP	105.11	--	13.20	0.00	91.91	120,000[1]	8,700[1]	<50	2.1	<0.5	<0.5	3.6	--
07/27-28/05		105.11	--	13.75	0.00	91.36	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05		105.11	DRY	--	--	--	--	--	--	--	--	--	--	--
02/22/06		105.11	--	12.02	0.00	93.09	--	--	--	--	--	--	--	--
04/17/06		105.11	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
10/17/06		105.11	--	14.66	0.00	90.45	--	--	--	--	--	--	--	--
04/17/07		105.11	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
12/04/07		105.11	--	14.70	0.00	90.41	--	--	--	--	--	--	--	--
04/28/08		105.11	--	14.65[23]	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	--[28]	--	--	--	--	--	--	--	--
04/19-22/10		**105.11**	**--**	**12.25**	**0.00**	**92.86**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
VP-4														
06/13/00		103.35	--	--	--	--	1,850	<552[23]	26,400	1,020	3,270	809	6,160	--
07/24/02		103.35	--	11.89	0.00	91.46	78,000[1]	<9,700[1,23]	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					--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
VP-4 (cont)														
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[1]	<2,300[1,23]	150	1.7	2.6	1	20	4.0[16]
07/15-16/04		103.35	--	12.62	0.00	90.73	18,600[1]	789[1,2]	32,200	2,230	746	212	3,710	8.90[16]
08/03/04[8]		103.35	--	12.91	0.00	90.44	--	--	--	--	--	--	--	--
10/28-11/01/04		103.35	--	12.98	0.00	90.37	330,000[1]	<100,000[1,23]	48,000	2,500	1,400	560	5,400	--
01/24-31/05		103.35	--	12.38	0.00	90.97	110,000[1]	<9,500[1,23]	19,000	360	750	89	2,000	--
04/18-21/05	NP	103.35	--	12.14	0.00	91.21	46,000[1]	<10,000[1,23]	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	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
12/04/07		103.35	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08		103.35	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/03/08		103.35	--	DRY	0.00	--	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	**LFP**	**103.35**	**--**	**11.32**	**0.00**	**92.03**	**13,000[1]**	**2,600[1]**	**640**	**2**	**0.7**	**0.8**	**6**	--
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[23]	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[1]	<500[1]	15,900	318	49.3	880	1,870	2.29[15]
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[1]	270[1]	22,000	330	76	1,000	2,200	2.4[16]
01/21-23/04		102.63	--	11.91	0.00	90.72	1,500[1]	310[1]	19,000	310	100	980	1,600	1.7[16]

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
VP-5/MW-5 (cont)														
)4/29-30/04		102.63	--	11.80	0.00	90.83	1,400[1]	400[1]	3,500	61	13	190	180	<0.99[16]
)7/15-16/04		102.63	--	12.22	0.00	90.41	<250[1]	<500[1]	7,900	58.3	18.4	384	475	<1.00[16]
)8/03/04[8]		102.63	--	12.52	0.00	90.11	--	--	--	--	--	--	--	--
10/28-11/01/04		102.63	--	12.57	0.00	90.06	710[1]	<200[1]	19,000	98	56	860	1,600	--
)1/24-31/05	LFP	102.63	--	11.96	0.00	90.67	910[1]	<250[1]	16,000	86	60	770	1,300	--
)4/18-21/05	LFP	102.63	--	11.75	0.00	90.88	3,100[1]	<250[1]	12,000	39	42	710	1,200	--
)7/27-28/05		102.63	--	12.05	0.00	90.58	NOT SAMPLED		--	--	--	--	--	--
11/08-10/05		102.63	--	12.42	0.00	90.21	NOT SAMPLED		--	--	--	--	--	--
)2/22/06		102.63	--	10.62	0.00	92.01	--	--	--	--	--	--	--	--
)4/17/06		102.63	--	11.56	0.00	91.07	--	--	--	--	--	--	--	--
10/17/06		102.63	--	14.03	0.00	88.60	--	--	--	--	--	--	--	--
)4/17/07		102.63	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
12/04/07		102.63	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
)4/28/08		102.63	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
11/04/08		102.63	--	14.3	0.00	88.33	160	<66	110	<0.5	<0.5	<0.5	0.8	--
)4/13-16/09	LFP	102.63	--	13.56	0.00	89.07	860	130	99	<0.5	<0.5	0.7	2	--
10/12-15/09	LFP	102.63	--	12.92	0.00	89.71	1,900	2,100	380	1	0.6[29]	0.9	2	--
)4/19-22/10	**LFP**	**102.63**	**--**	**11.02**	**0.00**	**91.61**	**200[1]**	**<73[1]**	**120**	**0.7**	**<0.5**	**<0.5**	**<0.5**	--
VP-7/MW-3														
11/03/86		100.81	--	12.13	0.00	88.68	--	--	--	--	--	--	--	--
)9/90		100.51	--	11.48	0.00	89.03	--	--	--	--	--	--	--	--
)3/26-28/91		100.48	--	10.36	0.00	90.12	--	--	--	3,700	1,600	740	3,500	--
)7/07/93		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	--
)1/97		100.48	--	NM	--	--	--	--	51,000	12,400	5,200	990	5,200	--
)4/97		100.48	--	NM	--	--	--	--	53,000	11,100	4,800	1,400	7,600	--
)7/97		100.48	--	NM	--	--	--	--	37,000	11,000	3,700	1,500	7,100	--
.1/97		100.48	--	NM	--	--	--	--	34,000	15,900	3,600	1,500	6,600	--
.2/14/99		100.48	--	NM	--	--	3,310	<500	73,400	16,800	9,670	1,890	10,500	--
)6/14/00		100.48	--	NM	--	--	931	<1,460[23]	54,400	10,000	8,230	1,380	7,470	--
)7/24/02		100.40	--	9.74	0.00	90.66	5,800[1]	580[1]	60,000	8,200	7,000	1,500	8,300	25.0
.0/17-18/02		100.40	--	10.57	0.00	89.83	5,160[1]	510[1,2]	71,600	11,100	5,880	1,940	10,800	2.40
)1/21/03		100.40	--	10.29	0.00	90.11	714[1,4]	<500[1]	41,600	9,440	1,470	1,360	6,190	<1.00
)4/23-24/03		100.40	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
P-7/MW-3 (cont)														
5/30-07/01/03		100.40	10.08	10.11	0.03	90.31***	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
0/01-02/03		100.40	--	10.98	0.00	89.42	3,800[1]	520[1]	61,000	10,000	4,500	2,000	10,000	1.8[16]
1/21-23/04		100.40	--	10.09	0.00	90.31	<250[1]	<250[1]	1,700	660	69	70	350	<1.2[16]
4/29-30/04		100.40	--	9.96	0.00	90.44	<800[1,23]	<1,000[1,23]	<50	28	1.7	1.8	6.0	<0.99[16]
7/15-16/04		100.40	--	10.38	0.00	90.02	342[1]	<500[1]	36,800	9,900	985	1,270	2,770	<1.00[16]
3/03/04[8]		100.40	--	10.66	0.00	89.74	--	--	--	--	--	--	--	--
0/28-11/01/04		100.40	--	10.76	0.00	89.64	850[1]	<1,000[1]	100	250	<0.5	<0.5	1.6	--
1/24-31/05	LFP	100.40	--	10.13	0.00	90.27	390[1]	<250[1]	21,000	4,900	1,900	890	3,200	--
4/18-21/05	LFP	100.40	--	9.97	0.00	90.43	4,000[1]	<580[1]	26,000	5,800	760	1,300	5,100	--
7/27-28/05		100.40	--	10.28	0.00	90.12	NOT SAMPLED		--	--	--	--	--	--
1/08-10/05		100.40	--	10.57	0.00	89.83	NOT SAMPLED		--	--	--	--	--	--
2/22/06		100.40	--	9.89	0.00	90.51	--	--	--	--	--	--	--	--
4/17/06		100.40	--	9.94	0.00	90.46	--	--	--	--	--	--	--	--
0/17/06		100.40	--	12.31	0.00	88.09	--	--	--	--	--	--	--	--
4/17/07		100.40	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
2/04/07		100.40	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
4/28/08		100.40	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
1/03/08		100.40	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
4/13-16/09		100.40	--	10.86	0.00	89.54	--	--	--	--	--	--	--	--
0/12-15/09		100.40	--	11.17	0.00	89.23	--	--	--	--	--	--	--	--
4/19-22/10		**100.40**	**--**	**9.31**	**0.00**	**91.09**	--	--	--	--	--	--	--	--
P-8/MW-7														
1/03/86		105.33	Trace	14.22	0.00	91.11	--	--	--	--	--	--	--	--
9/90		104.88	--	13.3	0.00	91.58	--	--	--	--	--	--	--	--
3/26-28/91		104.88	--	12.02	0.00	92.86	--	--	--	280	510	130	1,100	--
7/07/93		104.88	--	12.23	0.00	92.65	--	--	7,000	220	210	61	480	--
0/95		104.88	--	NM	--	--	--	--	3,100	2.5	1.2	3	16	--
1/97		104.88	--	NM	--	--	--	--	8,000	816	824	26	594	--
4/97		104.88	--	NM	--	--	--	--	18,000	605	786	119	1,774	--
7/97		104.88	--	NM	--	--	--	--	9,100 J	96	246	52	980	--
1/97		104.88	--	NM	--	--	--	--	830 J	5.6	7	11	32.6	--
2/15/99		104.88	--	NM	--	--	2,780	<500	7,640	540	927	201	1,430	--
5/13/00		104.88	--	NM	--	--	2,280	<1,100[23]	233	1.10	1.81	1.95	7.99	--
7/24/02		104.88	--	11.70	0.00	93.18	1,800[1]	420[1]	1,500	9.4	9.2	34	50	11.4

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
VP-8/MW-7 (cont)														
0/17-18/02		104.88	--	12.78	0.00	92.10	1,830[1]	<500[1]	552	9.75	1.45	4.25	5.73	1.93
01/21/03		104.88	--	12.63	0.00	92.25	1,120[1]	<500[1]	1,910	139	291	59.1	216	8.33
04/23-24/03		104.88	--	10.72	0.00	94.16	800[1]	<500[1]	700	65.6	35.7	22.9	69.8	3.73[16]
06/30-07/01/03		104.88	--	12.45	0.00	92.43	939[1]	<500[1]	379	2.68	1.57	3.70	4.69	2.06[16]
0/01-02/03		104.88	--	13.49	0.00	91.39	19,000[1]	2,100[1]	290	3.4	1.2	5.8	11	2.4[16]
01/21-23/04		104.88	--	12.16	0.00	92.72	3,400[1]	620[1]	89	<0.5	<0.5	<0.5	<1.5	3.2[16]
04/29-30/04		104.88	--	11.91	0.00	92.97	620[1]	<250[1]	460	0.6	<0.5	1.6	<3.0	<0.99[16]
07/15-16/04		104.88	--	12.76	0.00	92.12	528[1]	<500[1]	430	0.985	<0.500	1.50	2.40	<1.00[16]
08/03/04[8]		104.88	--	12.94	0.00	91.94	--	--	--	--	--	--	--	--
0/28-11/01/04		104.88	--	13.09	0.00	91.79	130,000[1]	<20,000[1]	210	2.7	0.7	2.6	9.9	--
01/24-31/05	LFP	104.88	--	12.49	0.00	92.39	<250[1]	<250[1]	450	5.1	9.9	3.2	21	--
04/18-21/05	LFP	104.88	--	12.30	0.00	92.58	<250[1]	<250[1]	240	0.9	<0.5	6.2	4.7	--
07/27-28/05		104.88	--	12.59	0.00	92.29	NOT SAMPLED		--	--	--	--	--	--
1/08-10/05		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	--
2/04/07		104.88	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28-29/08		104.88	--	15.23[24]	0.00	89.65	<76	<95	390	<0.5	<0.5	<0.5	<0.5	--
2/11/08[26]		104.88	--	13.98	0.00	90.90	71	<74	370	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	LFP	104.88	--	12.45	0.00	92.43	180	<71	1,100	<0.5	<0.5	<0.5	<0.5	--
0/12-15/09	LFP	104.88	--	13.10	0.00	91.78	89	<70	200	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**104.88**	**--**	**11.15**	**0.00**	**93.73**	**970[1]**	**210[1]**	**190**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
VP-9														
2/15/99		112.35	--	--	--	--	<250	<500	118	<0.500	<0.500	<0.500	<1.00	--
06/14/00		112.35	--	--	--	--	1,420	<1,130[23]	474	4.97	<1.30	55.6	4.48	--
07/24/02		112.35	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
0/17-18/02		112.35	--	11.90	0.00	100.45	13,200[1]	786[1,2]	1,910	11.3	2.62	8.86	14.7	<1.00
01/21/03		112.35	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/23-24/03		112.35	--	8.28	0.00	104.07	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
06/30-07/01/03		112.35	--	9.74	0.00	102.61	<250[1]	<500[1]	681	1.22	0.735	5.07	3.28	<1.00[16]
0/01-02/03		112.35	--	11.72	0.00	100.63	5,400[1]	1,300[1]	1,600	5.3	1.4	2.3	<10	--[17]
01/21-23/04		112.35	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--

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Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
VP-9 (cont)			--											
04/29-30/04		112.35	--	9.58	0.00	102.77	1,500[1]	<1,000[1,23]	750	0.8	<0.5	13	<1.5	<0.99[16]
07/15-16/04		112.35	--	11.15	0.00	101.20	259[1]	<500[1]	1,270	1.67	0.699	2.79	5.77	<1.00[16]
08/03/04[8]		112.35	--	12.50	0.00	99.85	--	--	--	--	--	--	--	--
10/28-11/01/04		112.35	--	9.82	0.00	102.53	<800[1,23]	<1,000[1,23]	610	<0.5	<0.5	<0.5	<1.5	--
01/24-31/05	LFP	112.35	--	10.30	0.00	102.05	<250[1]	<250[1]	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	0.00	--	--	--	--	--	--	--	--	--
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	0.00	--	--	--	--	--	--	--	--	--
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**	--	--	--	--	--	--	--	--
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 E	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[23]	74,400	14,400	9,440	1,840	10,800	--
07/24/02		102.07	--	11.18	0.00	90.89	10,000[1]	680[1]	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[1]	697[1,2]	110,000	14,500	11,600	2,630	15,200	10.7[15]
10/17-18/02	(D)	102.07	--	--	--	--	7,100[1]	<500[1]	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[1,5]	<500[1]	80,000	10,700	10,100	1,920	11,700	14.5
04/23-24/03		102.07	--	11.03	0.00	91.04	1,680[1]	<500[1]	79,300	8,990	7,350	1,780	10,300	5.74[16]
06/30-07/01/03		102.07	--	11.55	0.00	90.52	3,910[1]	<500[1]	108,000	12,100	11,200	2,630	15,300	7.85[16]
10/01-02/03		102.07	--	12.46	0.00	89.61	3,800[1]	<500[1]	100,000	9,700	11,000	2,000	12,000	7.1[16]
01/21-23/04		102.07	--	11.59	0.00	90.48	62,000[1]	2,800[1]	93,000	11,000	10,000	1,800	12,000	6.7[16]

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-4 (cont)														--
04/29-30/04		102.07	--	11.48	0.00	90.59	13,000[1]	610[1]	80,000	8,900	8,200	1,600	11,000	14.3[16]
07/15-16/04		102.07	--	11.88	0.00	90.19	943[1]	<500[1]	100,000	10,300	7,600	2,090	13,300	9.06[16]
08/03/04[8]		102.07	--	12.09	0.00	89.98	--	--	--	--	--	--	--	--
10/28-11/01/04		102.07	--	12.26	0.00	89.81	7,500[1]	<1,000[1,23]	71,000	9,000	5,900	2,000	12,000	--
01/24-31/05	LFP	102.07	--	11.68	0.00	90.39	1,500[1]	<250[1]	56,000	8,900	5,100	1,700	9,600	--
04/18-21/05	LFP	102.07	--	11.47	0.00	90.60	3,700[1]	<510[1]	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	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
04/28/08		101.95	--	17.21[24]	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	LFP	101.95	--	12.23	0.00	89.72	9,700	<340	1,500	22	0.7	0.6	4	--
10/12-15/09	LFP	101.95	--	12.48	0.00	89.47	11,000	<720	3,100	25	2[30]	3	8	--
04/19-22/10	**LFP**	**101.95**	**--**	**10.60**	**0.00**	**91.35**	**7,200[1]**	**680[1]**	**1,400**	**550**	**3**	**8**	**8**	--
MW-6														
11/03/86		113.71	22.03	24.29	2.26	91.23	--	--	--	--	--	--	--	--
09/90		113.38	21.14	21.95	0.81	92.08	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
10/95		113.38	--	NM	--	--	--	--	62,000	12,000 E	13,800 E	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[1]	<10,000[1,23]	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					--	--	--
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					--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-6 (cont)														
1/21-23/04		113.32	INACCESSIBLE - JUNKED VEHICLE OVER WELL					--	--	--	--	--	--	--
4/29-30/04[12]		113.32	20.20	20.22	0.02	93.12**	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--
7/15-16/04		113.32	--	20.48	0.00	92.84	3,800[1]	<500[1]	46,600	9,610	3,190	758	3,060	1.69[16]
8/03/04[8]		113.32	--	20.65	0.00	92.67	--	--	--	--	--	--	--	--
0/28-11/01/04		113.32	--	20.93	0.00	92.39	9,200[1]	<960[1,23]	24,000	8,600	2,800	690	3,100	--
1/24-31/05	LFP	113.32	--	20.38	0.00	92.94	11,000[1]	<480[1]	5,600	220	60	110	310	--
4/18-21/05	LFP	113.32	--	20.31	0.00	93.01	7,700[1]	<1,000[1,23]	3,600	1,000	120	110	360	--
7/27-28/05		113.32	--	20.39	0.00	92.93	NOT SAMPLED		--	--	--	--	--	--
1/08-10/05		113.32	--	20.79	0.00	92.53	--	--	--	--	--	--	--	--
2/22/06		113.32	--	19.49	0.00	93.83	--	--	--	--	--	--	--	--
4/17/06		113.32	--	26.22	0.00	87.10	--	--	--	--	--	--	--	--
8/09/06		113.32	--	25.85	0.00	87.47	14,000	<2,300[23]	15,000	1,900	1,000	590	1,700	--
0/17/06		113.32	--	27.06	0.00	86.26	--	--	--	--	--	--	--	--
4/17/07		113.32	--	27.12	0.00	86.20	--	--	--	--	--	--	--	--
2/04/07		113.32	--	DRY	0.00	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
4/28-05/01/08		113.12	--	22.28	0.00	90.84	8,600	1,200	360	3	0.7	5	3	--
1/10/08		113.12	--	20.93	0.00	92.19	3,200	<660	<50	0.6	<0.5	<0.5	<0.5	--
1/10/08	(D)	113.12	--	--	0.00	--	3,200	<660	<50	0.6	<0.5	<0.5	<0.5	--
4/13-16/09	LFP	113.12	--	20.18	0.00	92.94	26,000	3,000	1,100	31	0.8	<0.5	2	--
4/13-16/09	(D)	113.12	--	--	0.00	--	--	--	1,000	30	0.8	2	3	--
0/12-15/09	LFP	113.12	--	20.28	0.00	92.84	5,100	<660	1,200	16	1[30]	0.5	2	--
0/12-15/09	(D)	113.12	--	--	0.00	--	--	--	1,200	16	0.9[30]	<0.5	1	--
4/19-22/10	**LFP**	**113.12**	**--**	**18.83**	**0.00**	**94.29**	**--[6]**	**--[6]**	**630**	**20**	**0.7**	**<0.5**	**0.6**	**--**
4/19-22/10	**(D)**	**113.12**	**--**	**--**	**0.00**	**--**	**--**	**--**	**650**	**24**	**0.9**	**0.6**	**1**	**--**
MW-9														
1/03/86		114.65	--	22.56	0.00	92.09	--	--	--	--	--	--	--	--
9/90		114.40	--	21.28	0.00	93.12	--	--	--	--	--	--	--	--
3/26-28/91		114.65	20.44	20.61	0.17	94.18	--	--	--	1,600	2,900	250	3,100	--
6/25/93		114.65	--	20.12	0.00	94.53	--	--	--	--	--	--	--	--
7/07/93		114.65	--	20.11	0.00	94.54	--	--	--	--	--	--	--	--
0/95		114.65	--	--	--	--	--	--	3,400	3,520	70 J	<200	312 J	--
1/97		114.65	--	--	--	--	--	--	4,400	2,600	53	310	285	--
4/97		114.65	--	--	--	--	--	--	9,100	2,980	173	413	674	--
7/97		114.65	--	--	--	--	--	--	2,200 J	2,680	127	460	620 J	--

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Seattle, Washington

WELL ID/ DATE		TOC (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-9 (cont)														
1/97		114.65	--	--	--	--	--	--	5,000	2,010	80	334	400	--
2/15/99		114.65	--	--	--	--	8,510	<500	4,460	831	22.4	274	138	--
6/14/00		114.65	--	--	--	--	6,070	<500	4,740	786	26.0	274	156	--
0/17-18/02		114.27	--	20.88	0.00	93.39	43,600[1]	671[1,2]	6,380	493	13.0	230	107	2.66
1/21/03		114.27	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
4/23-24/03		114.27	--	20.04	0.00	94.23	3,680[1]	<500[1]	6,760	388	15.9	277	105	1.31[16]
6/30-07/01/03		114.27	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
0/01-02/03		114.27	--	21.26	0.00	93.01	33,000[1]	<5,000[1,23]	3,500	110	30	100	<100	3.9[16]
1/21-23/04		114.27	--	20.36	0.00	93.91	100,000[1]	<5,100[1,23]	2,300	7.2	2.4	45	19	5.5[16]
4/29-30/04		114.27	--	20.38	0.00	93.89	92,000[1]	<5,000[1,23]	1,200	2.0	1.2	10	7.8	4.8[16]
7/15-16/04		114.27	--	20.71	0.00	93.56	2,540[1]	<500[1]	9,540	3.84	10.4	25.9	31.6	2.54[16]
8/03/04[8]		114.27	--	20.92	0.00	93.35	--	--	--	--	--	--	--	--
0/28-11/01/04		114.27	--	21.22	0.00	93.05	3,900[1]	420[1]	300	1.4	0.5	1.9	<3.0	--
1/24-31/05	LFP	114.27	--	20.66	0.00	93.61	140,000[1]	<5,300[1,23]	730	1.7	<1.0	2.7	<6.0	--
4/18-21/05	LFP	114.27	--	20.59	0.00	93.68	14,000[1]	<630[1,23]	480	1.4	<1.0	5.7	3.1	--
7/27-28/05		114.27	--	20.65	0.00	93.62	NOT SAMPLED		--	--	--	--	--	--
1/08-10/05		114.27	--	21.29	0.00	92.98	NOT SAMPLED		--	--	--	--	--	--
2/22/06		114.27	--	19.75	0.00	94.52	--	--	--	--	--	--	--	--
4/17/06		114.27	--	22.55	0.00	91.72	--	--	--	--	--	--	--	--
8/09/06		114.27	--	22.80	0.00	91.47	2,700	<540[23]	450	66	1.9	0.8	47	--
0/17/06		114.27	--	24.12	0.00	90.15	--	--	--	--	--	--	--	--
4/17/07		114.27	--	23.37	0.00	90.90	--	--	--	--	--	--	--	--
2/04-05/07		114.27	--	23.15	0.00	91.12	2,200	280	<50	<0.5	<0.5	<0.5	<1.5	--
5/01/08		114.27	--	NOT SAMPLED, FILLED WITH MUD				--	--	--	--	--	--	--
1/10/08		114.27	--	21.29	0.00	92.98	2,000	97	130	0.5	<0.5	<0.5	<0.5	--
4/13-16/09	LFP	114.27	--	24.60	0.00	89.67	1,100	69	160	0.7	<0.5	<0.5	<0.5	--
0/12-15/09	LFP	114.27	--	20.67	0.00	93.60	960	<66	83	<0.5	<0.5	<0.5	<0.5	--
4/19-22/10	**LFP**	**114.27**	**--**	**19.04**	**0.00**	**95.23**	**1,200[1]**	**190[1]**	**130**	**1**	**<0.5**	**<0.5**	**<0.5**	**--**
MW-10														
1/03/86		115.75	--	14.84	0.00	100.91	--	--	--	--	--	--	--	--
9/90		115.49	--	14.75	0.00	100.74	--	--	--	--	--	--	--	--
3/26-28/91		115.75	--	13.14	0.00	102.61	--	--	--	<5	<5	<5	<5	--
3/26-28/91	(D)	115.75	--	--	--	--	--	--	--	<5	<5	<5	<5	--
6/25/93		115.75	--	13.63	0.00	102.12	--	--	--	--	--	--	--	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-10 (cont)														
7/07/93		115.75	--	13.81	0.00	101.94	--	--	380	13	<5.0	11	24	--
0/95		115.75	--	--	--	--	--	--	780	1.8	2.9	0.82 J	5.6	--
1/97		115.75	--	--	--	--	--	--	180	1.5	<1	<1	<2	--
4/97		115.75	--	--	--	--	--	--	420	5.1	1	<1	2.0 J	--
7/97		115.75	--	--	--	--	--	--	1,100	10	2.1	2.4	4.34 J	--
1/97		115.75	--	--	--	--	--	--	1,000	4.2	2	4.8	2.2 J	--
9/09/99		115.75	--	13.36	0.00	102.39	--	--	--	--	--	--	--	--
2/15/99		115.75	--	--	--	--	353	<500	618	7.02	<0.910	<0.850	<4.22	--
6/14/00		115.75	--	--	--	--	<250	<500	99.2	1.56	ND	ND	ND	--
7/24/02		115.28	--	13.14	0.00	102.14	320[1]	600[1]	240	2.5	<0.50	<1.0	<1.5	1.3
0/17-18/02		115.28	--	13.59	0.00	101.69	667[1]	<500[1]	490	3.42	<0.500	1.34	5.00	<1.00
1/21/03		115.28	--	12.46	0.00	102.82	<250[1]	<500[1]	416	3.44	0.550	0.519	3.24	<1.00
4/23-24/03		115.28	--	11.76	0.00	103.52	--[6]	--[6]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
6/30-07/01/03		115.28	--	12.91	0.00	102.37	<250[1]	<500[1]	255	2.01	<0.500	0.535	2.53	<1.00[16]
0/01-02/03		115.28	--	13.68	0.00	101.60	<250[1]	<250[1]	190	2.6	<0.5	0.5	<3.0	<1.2[16]
1/21-23/04		115.28	--	11.99	0.00	103.29	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	<1.2[16]
4/29-30/04		115.28	--	13.23	0.00	102.05	<250[1]	<250[1]	<50	1.5	<0.5	<0.5	<1.5	<0.99[16]
7/15-16/04		115.28	--	13.44	0.00	101.84	<250[1]	<500[1]	362	2.75	<0.500	0.549	3.45	<1.00[16]
8/03/04[8]		115.28	--	13.53	0.00	101.75	--	--	--	--	--	--	--	--
0/28-11/01/04		115.28	--	13.31	0.00	101.97	<82[1]	<100[1]	210	4.1	<0.5	1.2	2.1	--
1/24-31/05	LFP	115.28	--	12.36	0.00	102.92	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
4/18-21/05		115.28	--	12.70	0.00	102.58	NOT SAMPLED		--	--	--	--	--	--
7/27-28/05		115.28	--	13.39	0.00	101.89	NOT SAMPLED		--	--	--	--	--	--
1/08-10/05		115.28	--	13.11	0.00	102.17	--	--	--	--	--	--	--	--
2/22/06		115.28	--	11.84	0.00	103.44	--	--	--	--	--	--	--	--
4/17/06		115.28	--	14.66	0.00	100.62	--	--	--	--	--	--	--	--
0/17/06		115.28	--	14.68	0.00	100.60	--	--	--	--	--	--	--	--
4/17-19/07		115.28	--	13.05	0.00	102.23	<75	<94	100	1.4	<0.5	<0.5	<1.5	--
2/04-05/07		115.28	--	14.33	0.00	100.95	<78	<98	150	2.0	<2.0	0.9	<5.0	--
4/28-05/01/08		115.28	--	12.71[2]	0.00	102.57	<77	<97	<50	0.8	<0.5	<0.5	<0.5	--
1/10/08		115.28	--	12.66	0.00	102.62	<30	<69	<50	0.7	<0.5	<0.5	<0.5	--
4/13-16/09	LFP	115.28	--	12.11	0.00	103.17	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
0/12-15/09	LFP	115.28	--	12.23	0.00	103.05	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
4/19-22/10	**LFP**	**115.28**	**--**	**11.93**	**0.00**	**103.35**	**<31[1]**	**<73[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE	TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-11													
03/26-28/91	97.32	--	11.7	0.00	85.62	--	--	--	<5	<5	<5	<5	--
07/24/02	--	--	11.16	0.00	--	<250[1]	<250[1]	<50	<0.50	<0.50	<0.50	<1.5	<1.2
10/17-18/02	--	--	11.43	0.00	--	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
01/21/03	--	--	11.29	0.00	--	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
04/23-24/03	--	--	11.09	0.00	--	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
06/30-07/01/03	--	--	11.39	0.00	--	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
10/01-02/03	--	--	12.10	0.00	--	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	<1.2[16]
01/21-23/04	--	--	11.69	0.00	--	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	<1.2[16]
04/29-30/04	--	--	11.41	0.00	--	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	<0.99[16]
07/15-16/04	--	--	11.58	0.00	--	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
08/03/04[8]	97.32	--	11.65	0.00	85.67	NOT SAMPLED		--	--	--	--	--	--
10/28-11/01/04	97.32	--	11.73	0.00	85.59	<78[1]	<98[1]	<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**			--	--	--	--	--	--	--	--	--
MW-12													
10/17-18/02	113.36	--	12.22	0.00	101.14	<250[1]	<500[1]	<50.0	0.516	0.869	<0.500	<1.00	--
01/21/03	113.36	--	11.72	0.00	101.64	<250[1]	<500[1]	<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[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
06/30-07/01/03	113.36	--	11.32	0.00	102.04	1,690[1]	<500[1]	1,040	2.91	1.05	10.0	26.5	<1.00[16]
10/01-02/03	113.36	--	12.12	0.00	101.24	470[1]	<250[1]	69	1.2	<0.5	<0.5	<1.5	<1.2[16]
01/21-23/04	113.36	--	10.02	0.00	103.34	1,500[1]	5,700[1]	<50	<0.5	<0.5	<0.5	<1.5	<1.2[16]

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

WELL ID/ DATE	TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-12 (cont)													--
04/29-30/04	113.36	--	10.59	0.00	102.77	260[1]	440[1]	<50	<0.5	<0.5	<0.5	<1.5	<0.99[16]
07/15-16/04	113.36	--	11.44	0.00	101.92	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
08/03/04[8]	113.36	--	12.55	0.00	100.81	NOT SAMPLED		--	--	--	--	--	--
10/28-11/01/04	113.36	--	12.03	0.00	101.33	<250[1]	<250[1]	<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[24]	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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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[8]	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					--	--	--
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	--	--	--	--	--	--	--	--

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WELL ID/ DATE		TOC (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-13 (cont)														
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[24]	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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-14														
10/17-18/02		101.64	--	--	--	--	--	--	--	--	--	--	--	--
11/14/02		101.64	--	11.88	0.00	89.76	4,710[1]	<500[1]	43,100[3]	9,900[3]	4,930[3]	1,540[3]	6,020[3]	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[8,10]		101.64	--	--	--	--	2,100[1]	130[1]	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[1]	<250[1]	27,000	4,800	2,500	910	3,300	<0.99[16]
07/15-16/04		101.64	--	11.46	0.00	90.18	836[1,4]	<500[1]	61,800	10,400	5,550	1,350	5,890	<1.00[16]
10/26-27/04[8]		101.64	--	--	--	--	<800[1,23]	<1,000[1,23]	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	LFP	101.64	--	11.37	0.00	90.27	470[1]	<250[1]	24,000	4,400	2,300	760	3,300	--
04/18-21/05	LFP	101.64	--	11.19	0.00	90.45	1,500[1,19]	<250[1]	23,000	5,000	2,500	860	3,700	--
07/27-28/05	LFP	101.64	--	11.36	0.00	90.28	2,300[1,20]	<250[1]	24,000	5,000	2,200	760	3,300	--
11/08-10/05	LFP	101.64	--	11.82	0.00	89.82	2,600[1,20]	<520[1]	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[23]	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	--
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[24]	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	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-14 (cont)														
04/13-16/09	LFP	101.56	--	12.03	0.00	89.53	8,800	<660	6,200	15	3	11	4	--
10/12-15/09	LFP	101.56	--	12.21	0.00	89.35	5,200	<700	4,000	13	2[29]	8	3	--
04/19-22/10	**LFP**	**101.56**	**--**	**10.41**	**0.00**	**91.15**	**3,200[1]**	**350[1]**	**1,600**	**16**	**2**	**7**	**2**	**--**
MW-15														
10/17-18/02		99.03	--	--	--	--	--	--	--	--	--	--	--	--
11/14/02		99.03	--	9.44	0.00	89.59	780[1]	<500[1]	3,280	1,640	5.23	5.06	<10.0	1.04
01/21/03		99.03	--	9.29	0.00	89.74	<250[1]	<500[1]	<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[1]	<250[1]	810	1,700	60	48	110	<1.2[16]
01/21-23/04		99.03	--	8.94	0.00	90.09	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	<1.2[16]
04/29-30/04		99.03	--	8.19	0.00	90.84	700[1]	390[1]	<50	<0.5	<0.5	<0.5	<1.5	<0.99[16]
07/15-16/04		99.03	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
08/03/04[8]		99.03	--	13.82	0.00	85.21	--	--	--	--	--	--	--	--
10/26-27/04[8]		99.03	--	--	--	--	<800[1,23]	<1,000[1,23]	1,700	230	99	99	260	--
10/28-11/01/04		99.03	--	9.65	0.00	89.38	--	--	--	--	--	--	--	--
01/24-31/05	LFP	99.03	--	9.00	0.00	90.03	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	LFP	99.03	--	8.98	0.00	90.05	<250[1]	<250[1]	<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[24]	0.00	84.35	--	--	--	--	--	--	--	--
12/11/08[26]		99.03	--	11.35	0.00	87.68	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	LFP	99.03	--	9.79	0.00	89.24	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	99.03	--	10.11	0.00	88.92	980	<69	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**99.03**	**--**	**8.85**	**0.00**	**90.18**	**<29[1]**	**<67[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**

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Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (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[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00
01/21/03		101.83	--	11.88	0.00	89.95	<250[1]	<500[1]	<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[8,9]		101.83	--	--	--	--	<160[1]	<200[1]	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[8,9]		101.83	--	--	--	--	<75[1]	<94[1]	150	2.1	<0.5	1.7	<1.5	--
07/15-16/04		101.83	--	11.89	0.00	89.94	<250[1]	<500[1]	<50.0	<0.500	<0.500	<0.500	<1.00	<1.00[16]
08/03/04[8]		101.83	--	12.03	0.00	89.80	--	--	--	--	--	--	--	--
10/26-27/04[8]		101.83	--	--	--	--	<800[1,23]	<1,000[1,23]	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	LFP	101.83	--	11.91	0.00	89.92	<250[1]	<250[1]	210	8.4	1	6.0	3.2	--
04/18-21/05	LFP	101.83	--	11.69	0.00	90.14	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	LFP	101.83	--	11.81	0.00	90.02	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	LFP	101.83	--	12.36	0.00	89.47	<79[1]	<99[1]	<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[24]	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	LFP	101.75	--	12.48	0.00	89.27	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	101.75	--	12.65	0.00	89.10	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**101.75**	**--**	**10.85**	**0.00**	**90.90**	**<31[1]**	**<73[1]**	**<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[1]	<500[1]	2,780	569	31.0	91.1	250	<1.00
01/21/03		99.29	--	9.62	0.00	89.67	<250[1]	<500[1]	<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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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D, LEAD (µg/L)
MW-17 (cont)														
10/01-02/03		99.29	--	10.30	0.00	88.99	<250[1]	<250[1]	1,100	420	69	38	130	-- <1.2[16]
01/21-23/04		99.29	--	9.48	0.00	89.81	<250[1]	<250[1]	<50	1.6	<0.5	<0.5	<1.5	<1.2[16]
04/29-30/04		99.29	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
05/03/04[8,13]		99.29	--	--	--	--	190[1]	<95[1]	2,300	370	20	89	100	--
07/15-16/04		99.29	--	9.81	0.00	89.48	<250[1]	<500[1]	1,310	171	8.98	43.1	83.5	23.7[16]
08/03/04[8]		99.29	--	9.90	0.00	89.39	--	--	--	--	--	--	--	--
10/28-11/01/04		99.29	--	10.11	0.00	89.18	<400[1]	<500[1]	5,600	1,900	280	230	700	--
01/24-31/05	PER	99.29	--	9.42	0.00	89.87	<250[1]	<250[1]	310	160	4.9	17	27	--
02/17/05[8]		99.29	--	9.37	0.00	89.92	<76[1]	<95[1]	1,000	320	12	41	52	--
04/18-21/05	LFP	99.29	--	9.32	0.00	89.97	<250[1]	750[1]	<50	18	0.6	<0.5	<3.0	--
07/27-28/05	LFP	99.29	--	9.64	0.00	89.65	<250[1]	<250[1]	730	230	9.3	17	26	--
11/08-10/05	LFP	99.29	--	9.98	0.00	89.31	<76[1]	<95[1]	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[24]	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	--
11/06/08	(D)	99.29	--	--	--	--	150	<66	110	30	0.6	<0.5	<0.5	--
04/13-16/09	LFP	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	LFP	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	**LFP**	**99.29**	**--**	**8.81**	**0.00**	**90.48**	**<31[1]**	**<71[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
04/19-22/10	**(D)**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
MW-18														
04/29-30/04		--	--	10.95	0.00	--	1,700[1]	<250[1]	76,000	9,200	11,000	1,400	8,400	<0.99[16]
08/03/04[8]		101.52	--	11.66	0.00	89.86	--	--	--	--	--	--	--	--
10/28-11/01/04		101.52	--	11.72	0.00	89.80	230[1]	<97[1]	42,000	4,700	5,400	860	4,300	--
01/24-31/05	LFP	101.52	--	11.10	0.00	90.42	270[1]	<250[1]	24,000	2,800	3,400	600	3,100	--
04/18-21/05	LFP	101.52	--	10.91	0.00	90.61	1,500[1]	<250[1]	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		--	--	--	--	--	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-18 (cont)														
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[24]	0.00	84.76	190	<98	200	140	<0.5	<0.5	<0.5	--
12/11/08[26]		101.52	--	13.45	0.00	88.07	1,900	<67	790	32	0.9	1	1	--
04/13-16/09	LFP	101.52	--	11.81	0.00	89.71	7,600	<390	530	4	0.5	<0.5	1	--
10/12-15/09	LFP	101.52	--	12.13	0.00	89.39	590	<66	310	8	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**101.52**	--	**10.25**	**0.00**	**91.27**	**1,000[1]**	**<75[1]**	**91**	**3**	**<0.5**	**<0.5**	**<0.5**	--
MW-19														
04/29-30/04		--	--	10.63	0.00	--	680[1]	<250[1]	18,000	1,700	1,700	470	2,400	<0.99[16]
07/15-16/04		--	--	11.04	0.00	--	--	--	--	--	--	--	--	--
08/03/04[8]		101.18	--	11.31	0.00	89.87	--	--	--	--	--	--	--	--
10/28-11/01/04		101.18	--	11.41	0.00	89.77	270[1]	<100[1]	21,000	1,900	1,400	880	3,500	--
01/24-31/05	LFP	101.18	--	10.78	0.00	90.40	280[1]	<250[1]	25,000	1,700	1,500	940	3,700	--
04/18-21/05	LFP	101.18	--	10.61	0.00	90.57	1,200[1]	<250[1]	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[24]	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	--	--	--	--	--	--	--	--
10/12-15/09		101.18	--	11.83	0.00	89.35	--	--	--	--	--	--	--	--
04/19-22/10		**101.18**	--	**10.06**	**0.00**	**91.12**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	--

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MW-20														
10/28-11/01/04		105.64	--	8.91	0.00	96.73	<80[1]	220[1]	<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[24]	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**	--	--	--	--	--	--	--	--
MW-21														
08/03/04[8]		94.76	--	25.89	0.00	68.87	--	--	--	--	--	--	--	--
08/12/04[8]		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[1,23]	<1,000[1,23]	31,000	5,200	730	1,300	4,500	--
01/24-31/05	LFP	94.76	--	25.85	0.00	68.91	<250[1]	<250[1]	130	230	0.6	<0.5	4.3	--
02/17/05[8]		94.76	--	25.82	0.00	68.94	<85[1]	<110[1]	130	280	<0.5	<0.5	<1.5	--
04/18-21/05	LFP	94.76	--	25.94	0.00	68.82	<250[1]	<250[1]	110	230	<0.5	<0.5	3.9	--
07/27-28/05	LFP	94.76	--	25.75	0.00	69.01	<250[1]	<250[1]	79	220	<0.5	<0.5	<3.0	--
11/08-10/05	LFP	94.76	--	25.96	0.00	68.80	<78[1]	<97[1]	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	--	--	--	--	--	--	--	--
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[24]	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	--

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MW-21 (cont)														
04/13-16/09	LFP	94.76	--	26.11	0.00	68.65	36	<78	89	120	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	94.76	--	25.95	0.00	68.81	<29	<68	<50	88	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**94.76**	**--**	**25.65**	**0.00**	**69.11**	**38[1]**	**<70[1]**	**67**	**88**	**<0.5**	**<0.5**	**<0.5**	--
MW-23														
10/26-27/04[8]		107.82	--	--	--	--	42,000[1]	<5,000[1,23]	57,000	--	--	--	--	--
10/28/04[8]		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	PER	107.82	--	5.32	0.00	102.50	13,000[1]	<4,100[1,23]	19,000	190	210	710	3,600	--
04/18-21/05	PER	107.82	--	8.78	0.00	99.04	2,400[1]	<250[1]	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[23]	3,500	27	30	31	310	--
12/06/07		107.82	--	7.85	0.00	99.97	7,200	<940[23]	310	<0.5	0.6	16	46	--
04/29/08		107.82	--	8.90[24]	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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	--
MW-24														
10/26-27/04[8]		107.95	--	--	--	--	<800[1]	<1,000[1,23]	500	--	--	--	--	--
10/28/04[8]		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	PER	107.95	--	5.58	0.00	102.37	<250[1]	<250[1]	<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		--	--	--	--	--	--
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[24]	0.00	102.99	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-24 (cont)														
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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-25														
10/26-27/04[8]		--	--	--	--	--	260[1]	<99[1]	11,000	--	--	--	--	--
10/28-11/01/04		101.96	--	12.36	0.00	89.60	--	--	--	--	--	--	--	--
01/24-31/05	LFP	101.96	--	11.81	0.00	90.15	440[1]	<250[1]	7,400	6.8	42	160	1,100	--
04/18-21/05	LFP	101.96	--	11.63	0.00	90.33	2,800[1,19]	<250[1]	22,000	17	300	750	3,900	--
07/27-28/05	LFP	101.96	--	11.73	0.00	90.23	2,400[1,20]	<250[1]	22,000	<20[23]	210	630	3,100	--
11/08-10/05	LFP	101.96	--	12.23	0.00	89.73	870[1,20]	<100[1]	14,000	<20[23]	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	7.0	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[24]	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	LFP	101.96	--	12.44	0.00	89.52	340	<66	190	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	101.96	--	12.62	0.00	89.34	440	<70	570	<0.5	<0.5	3	0.7	--
04/19-22/10	**LFP**	**101.96**	**--**	**10.80**	**0.00**	**91.16**	**540[1]**	**93[1]**	**<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[1]	<200[1]	57,000	8,300	4,300	1,600	8,700	--
01/24-31/05	LFP	100.47	--	10.59	0.00	89.88	<250[1]	<250[1]	3,100	310	190	54	510	--
02/17/05[8]		100.47	--	10.56	0.00	89.91	310[1]	<95[1]	27,000	6,800	1,900	990	4,800	--
04/18-21/05	LFP	100.47	--	10.39	0.00	90.08	<250[1]	<250[1]	3,500	730	320	100	660	--
07/27-28/05	LFP	100.47	--	10.55	0.00	89.92	270[1,20]	<250[1]	5,100	1,200	370	130	880	--
11/08-10/05	LFP	100.47	--	11.02	0.00	89.45	1,200[1,20]	<94[1]	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	--

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Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-26 (cont)														
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[24]	0.00	84.16	280	<95	130	9	<0.5	4	<0.5	--
05/01/08	(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	LFP	100.47	--	11.23	0.00	89.24	460	<66	<50	26	<0.5	11	<0.5	--
10/12-15/09	LFP	100.47	--	11.41	0.00	89.06	1,200	<69	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**100.47**	**--**	**9.64**	**0.00**	**90.83**	**41[1]**	**<74[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
MW-30														
02/10/05[8]		91.81	--	24.70	0.00	67.11	<77[1]	<96[1]	<48	4.1	<0.5	<0.5	<1.5	--
04/18-21/05	LFP	91.81	--	24.76	0.00	67.05	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	LFP	91.81	--	24.72	0.00	67.09	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
11/08-10/05	LFP	91.81	--	24.82	0.00	66.99	<83[1]	<100[1]	<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	--
11/06/08	(D)	91.81	--	--	0.00	--	<31	<71	<50	<0.5	<0.5	<0.5	<0.5	--
04/13-16/09	LFP	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	LFP	91.81	--	24.77	0.00	67.04	<29	<68	<50	<0.5	0.5[29]	<0.5	<0.5	--
10/12-15/09	(D)	91.81	--	--	0.00	--	--	--	<50	<0.5	0.6[29]	<0.5	<0.5	--
04/19-22/10	**LFP**	**91.81**	**--**	**24.67**	**0.00**	**67.14**	**<30[1]**	**<71[1]**	**<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**	**--**
MW-31														
02/10/05[8]		87.22	--	19.89	0.00	67.33	<77[1]	<96[1]	<48	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	LFP	87.22	--	20.02	0.00	67.20	<800[1,23]	<1,000[1,23]	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	LFP	87.22	--	19.89	0.00	67.33	<250[1]	<250[1]	<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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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (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	LFP	87.22	--	20.04	0.00	67.18	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	87.22	--	19.99	0.00	67.23	<29	<68	<50	<0.5	1[29]	<0.5	<0.5	--
04/19-22/10	**LFP**	**87.22**	**--**	**19.80**	**0.00**	**67.42**	**<28[1]**	**<66[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
MW-32														
07/27-28/05	LFP	101.09	--	11.43	0.00	89.66	1,200[1,20]	<250[1]	17,000	2,300	540	630	2,600	--
11/08-10/05	LFP	101.09	--	11.81	0.00	89.28	<80[1]	<100[1]	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[23]	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[24]	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	LFP	101.09	--	12.00	0.00	89.09	330	<67	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	101.09	--	12.21	0.00	88.88	74	<67	<50	<0.5	0.7[29]	<0.5	<0.5	--
04/19-22/10	**LFP**	**101.09**	**--**	**10.44**	**0.00**	**90.65**	**<31[1]**	**<71[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
MW-33														
07/27-28/05	LFP	100.31	--	28.33	0.00	71.98	630[1,20]	<250[1]	2,200	2,500	200	93	170	--
11/08-10/05	LFP	100.31	--	28.50	0.00	71.81	340[1,20]	<100[1]	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[24]	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	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-33 (cont)														
04/13-16/09	LFP	100.36	--	28.95	0.00	71.41	330	<68	1,800	2,500[27]	73[27]	110[27]	76[27]	--
10/12-15/09	LFP	100.36	--	28.63	0.00	71.73	210	<68	1,200	1,300	37	78	40	--
04/19-22/10	**LFP**	**100.36**	--	**27.91**	**0.00**	**72.45**	**270[1]**	**<72[1]**	**790**	**830**	**17**	**44**	**20**	--
MW-34														
11/28/05[8]		--	--	--	--	--	<84[1]	<110[1]	<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	LFP	94.35	--	27.15	0.00	67.20	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	94.35	--	27.10	0.00	67.25	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**94.35**	--	**26.96**	**0.00**	**67.39**	**<30[1]**	**<69[1]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
MW-35														
11/28/05[8]		--	--	--	--	--	280[1,22]	180[1]	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[24]	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	LFP	100.52	--	31.22	0.00	69.30	120	<68	83	100	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	100.52	--	30.98	0.00	69.54	50	<68	<50	58	<0.5	<0.5	<0.5	--
04/19-22/10	**LFP**	**100.52**	--	**30.45**	**0.00**	**70.07**	**59[1]**	**<71[1]**	**<50**	**66**	**<0.5**	**<0.5**	**<0.5**	--

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Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
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					--	--	--
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[8]		101.84	--	11.85	0.00	89.99	--	--	--	--	--	--	--	--
10/28-11/01/04		101.84	--	11.99	0.00	89.85	180,000[1]	<20,000[1,23]	81,000	7,500	9,500	1,100	9,000	--
01/24-31/05	LFP	101.84	--	11.37	0.00	90.47	21,000[1]	<1,000[1,23]	19,000	1,800	1,200	75	3,300	--
04/18-21/05	LFP	101.84	--	11.19	0.00	90.65	280,000[1]	<11,000[1,23]	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[23]	650	20	4.1	3.7	13	--
04/17-19/07	(D)	101.55	--	--	0.00	--	<1,500	<1,900[23]	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	--
04/29/08	(D)	101.63	--	--	0.00	--	490	<200	250	450	1	1	2	--
11/03/08		101.63	--	13.50	0.00	88.13	--	--	--	--	--	--	--	--
04/13-16/09[18]		101.63	--	11.84	0.00	89.79	--	--	--	--	--	--	--	--
10/12-15/09[18]		101.63	--	12.05	0.00	89.58	--	--	--	--	--	--	--	--
04/19-22/10[18]		**101.63**	--	**10.26**	**0.00**	**91.37**	--	--	--	--	--	--	--	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
RW-2														
09/90		104.54	12.68	12.72	0.04	91.85	--	--	--	--	--	--	--	--
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	NP	106.63	--	14.44	0.00	92.19	988[1]	<500[1]	1,380	90.5	8.05	29.2	31.5	2.23
01/21/03	NP	106.63	--	10.61	0.00	96.02	<250[1]	<500[1]	126	33.5	0.859	1.28	4.11	<1.00
04/23-24/03		106.63	--	10.30	0.00	96.33	<250[1]	<500[1]	55.7	<0.500	<0.500	0.642	2.64	<1.00[16]
06/30-07/01/03		106.63	--	13.72	0.00	92.91	505[1]	<500[1]	2,380	53.5	8.72	39.8	43.2	1.43[16]
10/01-02/03		106.63	--	15.05	0.00	91.58	1,400[1]	<250[1]	2,300	75	7.3	29	33	4.9[16]
01/21-23/04		106.63	--	10.22	0.00	96.41	<250[1]	<250[1]	53	1.2	0.7	1.3	8.9	<1.2[16]
04/29-30/04		106.63	--	13.31	0.00	93.32	270[1]	<250[1]	81	11	0.9	2.0	1.9	<0.99[16]
07/15-16/04		106.63	--	14.41	0.00	92.22	<250[1]	<500[1]	634	25.7	2.39	6.18	3.55	<1.00[16]
08/03/04[8]		106.63	--	14.90	0.00	91.73	--	--	--	--	--	--	--	--
10/28-11/01/04		106.63	--	14.68	0.00	91.95	280,000[1]	<40,000[1,23]	26,000	410	63	470	950	--
01/24-31/05	LFP	106.63	--	11.57	0.00	95.06	<250[1]	<250[1]	94	<0.5	<0.5	<2.0	2.5	--
04/18-21/05	LFP	106.63	--	9.18	0.00	97.45	260[1]	<250[1]	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[23]	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[24]	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	LFP	106.63	--	13.80	0.00	92.83	840	<65	340	21	0.9	0.5	0.8	--
10/12-15/09	LFP	106.63	--	14.75	0.00	91.88	4,300	<680	1,100	35	4	7	11	--
04/19-22/10	**LFP**	**106.63**	**--**	**12.56**	**0.00**	**94.07**	**430[1]**	**240[1]**	**160**	**9**	**0.7**	**<0.5**	**<0.5**	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
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[8]		102.17	--	12.17	0.00	90.00	--	--	--	--	--	--	--	--
10/28-11/01/04		102.17	--	12.12	0.00	90.05	6,200[1]	<1,000[1,23]	48,000	2,500	3,000	940	5,400	--
01/24-31/05	LFP	102.17	--	11.51	0.00	90.66	870[1]	<250[1]	2,200	70	79	13	140	--
04/18-21/05	LFP	102.17	--	11.30	0.00	90.87	290[1]	<250[1]	2,000	210	170	42	220	--
07/27-28/05		102.17	--	11.64	0.00	90.53	NOT SAMPLED		--	--	--	--	--	--
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[23]	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[23]	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[18]	LFP	102.54	--	12.40	0.00	90.14	83	<72	93	<0.5	<0.5	<0.5	<0.5	--
10/12-15/09	LFP	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**	--	--	--	--	--	--	--	--
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**	--	--	--	--	--	--	--	--

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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[23]	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	--
04/28-30/08		102.39	--	17.36	0.00	85.03	5,200	<2,500[23]	410	51	3	2	23	--
04/30/08	(D)	102.39	--	--	0.00	--	2,500	<2,000[23]	390	51	3	2	23	--
11/03/08		102.39	--	14.14	0.00	88.25	--	--	--	--	--	--	--	--
04/13-16/09[18]		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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
DPE-5														
11/28/05[8]		--	--	--	--	--	5,300[1,20]	<1,000[1]	36,000	--	--	--	--	--
01/23/06		113.32	16.70	16.75	0.05	96.61	--	--	--	--	--	--	--	--
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[23]	<250	32	4	3	22	--
04/29/08	(D)	113.82	--	--	--	--	3,300	<1,900[23]	--	--	--	--	--	--
11/03/08[25]		113.82	--	22.45	0.00	91.37	12,000	<3,500[23]	460	77	7	4	17	--
04/13-16/09	LFP	113.82	--	14.63	0.00	99.19	690	83	110	2	<0.5	1	3	--
10/12-15/09	LFP	113.82	--	18.60	0.00	95.22	25,000	<1,400	490	22	2[30]	19	10	--
04/19-22/10	**LFP**	**113.82**	**--**	**15.92**	**0.00**	**97.90**	**530[1]**	**95[1]**	**78**	**2**	**<0.5**	**<0.5**	**0.5**	**--**
DPE-6														
11/28/05[8]		--	--	--	--	--	170[1,20]	<100[1]	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[23]	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	--
04/29/08	(D)	114.14	--	--	--	--	6,500	<480	--	--	--	--	--	--

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DPE-6 (cont)														
11/04/08		114.14	--	21.30	0.00	92.84	11,000	<1,300[23]	870	16	12	7	63	--
04/13-16/09	LFP	114.14	--	20.60	0.00	93.54	16,000	880	900	100	6	16	24	--
10/12-15/09	LFP	114.14	--	20.51	0.00	93.63	3,600	<680	490	18	3	8	9	--
04/19-22/10	**LFP**	**114.14**	--	**19.02**	**0.00**	**95.12**	**10,000[1]**	**2,000[1]**	**680**	**44**	**3**	**13**	**13**	--
DPE-7														
11/28/05[8]		--	--	--	--	--	6,200[1,20]	<1,000[1,23]	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[23]	3,800	78	40	97	180	--
12/04-05/07		113.15	--	27.52	0.00	85.63	120,000	<9,900[23]	760	44	1.7	28	15	--
04/28-29/08		113.13	--	22.26	0.00	90.87	6,100	<980[23]	<250	7	2	2	6	--
04/29/08	(D)	113.13	--	--	--	--	6,300	<980[23]	--	--	--	--	--	--
11/03/08		113.13	20.95	20.96	0.01	92.18	--	--	--	--	--	--	--	--
04/13-16/09[18]		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**	--	--	--	--	--	--	--	--
DPE-8/MW-22														
10/26-27/04[8]		104.83	--	--	--	--	5,000[1]	<1,000[1,23]	54,000	--	--	--	--	--
10/28-11/01/04		104.83	--	14.11	0.00	90.72	--	--	--	--	--	--	--	--
01/24-31/05	PER	104.83	--	13.62	0.00	91.21	980[1]	<250[1]	55,000	5,200	6,300	1,500	8,800	--
04/18-21/05	PER	104.83	--	13.72	0.00	91.11	2,000[1]	<250[1]	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	--	--	--	--	--	--	--	--
08/31/06		104.83	15.21	16.33	1.12	89.40	--	--	--	--	--	--	--	--
09/15/06		104.83	15.47	16.55	1.08	89.14	--	--	--	--	--	--	--	--
10/17/06		104.35	15.75	17.12	1.37	88.32	--	--	--	--	--	--	--	--
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	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
DPE-8/MW-22 (cont)														
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[23]	3,500	35	16	19	140	--
04/13-16/09	LFP	104.49	--	13.87	0.00	90.62	12,000	590	2,000	7	1	3	6	--
10/12-15/09	LFP	104.49	--	13.90	0.00	90.59	3,900	<680	940	6	1[30]	0.6	3	--
04/19-22/10	**LFP**	**104.49**	**--**	**12.08**	**0.00**	**92.41**	**2,000[1]**	**510[1]**	**88**	**2**	**<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[18]		103.46	--	12.30	0.00	91.16	--	--	--	--	--	--	--	--
10/12-15/09[18]		103.46	--	13.56	0.00	89.90	--	--	--	--	--	--	--	--
04/19-22/10[18]		**103.46**	**--**	**11.51**	**0.00**	**91.95**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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**	**--**
FB-3-04/21/10		--	--	--	--	--	--	--	**<50**	**<0.5**	**<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[31]	<0.5	<0.5	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
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[31]	<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[31]	<0.5	<0.5	--
VP-1														
06/14/00		103.03	--	--	--	--	75,600	<12,500[23]	5,000	21.6	14.4	32.8	435	--
07/24/02		103.03	--	11.59	0.00	91.44	18,000[1]	1,500[1]	35,000	120	820	280	4,600	22.9
10/17-18/02		103.03	--	12.70	0.00	90.33	7,500[1]	598[1,2]	27,300	170	756	334	4,820	18.0[15]
01/21/03		103.03	--	12.70	0.00	90.33	14,200[1]	807[1,2]	36,700	90.5	801	500	6,630	47.1
04/23-24/03		103.03	--	11.63	0.00	91.40	2,830[1]	<500[1]	24,200	110	136	225	2,780	36.4[16]
06/30-07/01/03		103.03	--	12.21	0.00	90.82	20,200[1]	1,750[1]	8,000[7]	36.8[7]	49.2[7]	47.1[7]	618[7]	13.2[16]
10/01-02/03		103.03	--	13.11	0.00	89.92	40,000[1]	6,300[1]	7,600	56	47	22	690	31.2[16]
01/21-23/04		103.03	--	12.21	0.00	90.82	17,000[1]	3,200[1]	4,500	11	6.2	<20	85	4.2[16]
04/29-30/04		103.03	--	11.87	0.00	91.16	3,600[1]	1,100[1]	4,200	24	3.6	9.8	85	2.6[16]
07/15-16/04		103.03	--	13.41	0.00	89.62	1,050[1,14]	<500[1]	1,880	21.7	2.77	6.92	50.7	2.46[16]
08/03/04[8]		103.03	--	12.71	0.00	90.32	--	--	--	--	--	--	--	--
10/28-11/01/04		103.03	--	12.84	0.00	90.19	35,000[1]	18,000[1]	2,100	25	5.5	7.6	97	--
01/24-31/05		103.03	--	12.38	0.00	90.65	3,600[1]	1,300[1]	670	5.2	0.8	1.4	13	--
04/18-21/05	NP	103.03	--	12.09	0.00	90.94	5,500[1]	2,200[1]	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	0.00	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-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					--	--	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
VP-3/MW-2 (cont)														
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	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--
10/28-11/01/04		104.75	--	DRY	--	--	--	--	--	--	--	--	--	--
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														
MW-22														
NOT MONITORED/SAMPLED, REPLACED BY WELL DPE-8, SEE DPE-8 FOR MW-22 DATA														
MW-27														
01/24-31/05	LFP	97.26	--	29.81	0.00	67.45	<250[1]	<250[1]	<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	LFP	97.26	--	29.86	0.00	67.40	<250[1]	<250[1]	<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	LFP	87.78	--	21.18	0.00	66.60	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
02/10/05[8]		87.78	--	21.17	0.00	66.61	<79[1]	<98[1]	<48	<0.5	<0.5	<0.5	<1.5	--
04/18-21/05	LFP	87.78	--	21.22	0.00	66.56	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--
07/27-28/05	LFP	87.78	--	21.26	0.00	66.52	<250[1]	<250[1]	<50	<0.5	<0.5	<0.5	<1.5	--

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
MW-28 (cont)														
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	LFP	80.88	--	15.14	0.00	65.74	<250[1]	<250[1]	<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		--	--	--	--	--	--
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														
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[1]	270[1]	9,100	4,400	360	520	1,300	12.0[16]
04/29-30/04		100.70	--	10.19	0.00	90.51	5,200[1]	<250[1]	11,000	5,000	750	550	1,600	10.6[16]
07/15-16/04[18]		100.70	--	10.59	0.00	90.11	1,300[1]	1,330[1]	18,900	5,350	341	554	1,350	2.32[16]
10/28-11/01/04		100.70	--	10.98	0.00	89.72	680[1]	<250[1]	10,000	4,800	120	680	1,100	--
01/24-31/05	LFP	100.70	--	10.49	0.00	90.21	770[1]	<250[1]	6,600	3,000	170	460	940	--
04/18-21/05	LFP	100.70	--	10.17	0.00	90.53	3,700[1,19]	<250[1]	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														

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WELL ID/ DATE		TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
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[1]	<2,000[1,23]	990	62	1.3	32	7.0	3.3
10/17-18/02		110.82	--	19.29	0.00	91.53	8,930[1]	939[1]	3,160	59.8	2.50	40.4	15.6	1.23
01/21/03		110.82	--	17.88	0.00	92.94	2,830[1]	<500[1]	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[8]		110.82	--	18.44	0.00	92.38	--	--	--	--	--	--	--	--
10/28-11/01/04		110.82	DRY	--	--	--	--	--	--	--	--	--	--	--
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[1]	3,650[1]	3,370	696	67.2	63.0	408	3.91
01/21/03	NP	104.22	--	11.81	0.00	92.41	1,860[1]	<500[1]	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[1]	<500[1]	2,490	9.73	13.4	<5.00	870	7.31[16]
06/30-07/01/03		104.22	--	11.91	0.00	92.31	8,010[1]	<500[1]	2,170	34.6	20.3	8.10	1,050	1.98[16]
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[1]	<250[1]	470	64	12	2.5	65	1.6[16]
04/29-30/04		104.22	--	11.88	0.00	92.34	NOT SAMPLED DUE TO WIRE OBSTRUCTION				--	--	--	--
07/15-16/04[18]		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[1]	<10,000[1,23]	890	120	12	11	58	--
01/24-31/05	LFP	104.22	--	11.31	0.00	92.91	3,200[1]	360[1]	880	45	13	6.6	190	--
04/18-21/05	LFP	104.22	--	11.40	0.00	92.82	1,900[1,19]	400[1]	150	1.3	<0.5	0.8	9.4	--
07/27-28/05		104.22	--	12.16	0.00	92.06	NOT SAMPLED		--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE	TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
RW-5 (cont)													
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													
MP-1													
07/24/02	--	INACCESIBLE - UNABLE TO OPEN WELL				--	--	--	--	--	--	--	--
10/17-18/02	--	INACCESIBLE - UNABLE TO OPEN WELL				--	--	--	--	--	--	--	--
08/03/04[8]	104.95	DRY	--	--	--	--	--	--	--	--	--	--	--
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[8]	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													
VP-6													
NOT MONITORED/SAMPLED, REPLACED BY WELL DPE-1, SEE DPE-1 FOR VP-6 DATA													

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE	TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
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	--
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[8,11]	--	--	--	--	--	--	--	<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	--
05/03/04[8,11]	--	--	--	--	--	--	--	<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[8]	--	--	--	--	--	--	--	<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[8]	--	--	--	--	--	--	--	<48	<0.5	<0.5	<0.5	<1.5	--
02/17/05[8]	--	--	--	--	--	--	--	<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[25]	--	--	--	--	--	--	--	<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	--

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE	TOC* (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	D. LEAD (µg/L)
QA (cont)													
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	--
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**	--

	TPH-DRO	TPH-HRO	TPH-GRO	B	T	E	X	D. LEAD
Standard Laboratory Reporting Limits:			50	0.5	0.5	0.5	1.5	1.00
MTCA Method A Cleanup Levels:	500	500	800/1,000	5	1,000	700	1,000	15
Current Method:	NWTPH-Dx Extended		NWTPH-Gx and EPA 8021B					EPA 7421

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to July 24, 2002, were compiled from reports prepared by SAIC.
Groundwater monitoring data and laboratory analytical results between February 22, 2006, and November 3, 2008, were compiled from reports prepared by SAIC.

TOC = Top of Casing
(ft.) = Feet
DTW/P = Depth to Water or Product
GWE = Groundwater Elevation
(msl) = Mean Sea Level
SPHT = Separated Phase Hydrocarbons Thickness
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
HRO = Heavy Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
D. LEAD = Dissolved Lead
(msl) = Mean Sea Level
-- = Not Measured/Not Analyzed
(µg/L) = Micrograms per liter
(ppb) = Parts per billion
QA = Quality Assurance/Trip Blank
NP = No Purge
LFP = Low Flow Purge
PER = Peristaltic Pump used for Purging
(D) = Duplicate
DTSPH = Depth to Separated Phase Hydrocarbons, from the TOC
MTCA = Model Toxics Control Act Cleanup Regulations
[WAC 173-340-720(2)(a)(I), as amended 02/01]

J = Estimated result between the method detection limit and the laboratory reporting limit
< = 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 inches in thickness, or there was insufficient water column to collect a DTW measurement

* TOC elevations have been surveyed in feet relative to msl.
** GWE corrected for the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.8)].
*** GWE corrected for the presence of SPH; correction factor: [(TOC - DTP - SPHT) + (SPHT x 0.8)]: Historical data has been altered to correct error in original reporting of depth to product as depth to water.
Where SPHT > 0.00, GWE is corrected for the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.8)].

ANALYTICAL METHOD:

TPH-DRO = Total Petroleum Hydrocarbons (TPH) as diesel organic range, analyzed by ECY 97-602 NWTPH-DX modified Method TPH-Dx with silica-gel cleanup.
TPH-HRO = TPH as heavy oil analyzed by ECY 97-602 NWTPH-DX modified Method TPH-Dx with silica-gel cleanup.
TPH-GRO = TPH as gasoline analyzed by ECY 97-602 NWTPH-GX modified Method.
BTEX = Benzene, (B) toluene, (T) ethylbenzene, (E) and total xylenes (X) analyzed by US Environmental Protectiong Agency (EPA) Method 8260B.
2,600/2,500 = BTEX analyzed by EPA Methods 8021B and 8260B. Second concentrations listed were obtained by EPA Method 8260B.

1 Analized with silica gel cleanup.
2 Laboratory report indicates the heavy oil range organics present are due to hydrocarbons eluting primarily in the diesel range.
3 Laboratory report indicates this sample was received and analyzed unpreserved.
4 Laboratory report indicates results in the diesel organics range are primarily due to overlap from a gasoline range product.
5 Laboratory report indicates the sample chromatographic pattern does not resemble the fuel standard used for quantitation.
6 Sample container broken during transport to laboratory.
7 Laboratory report indicates this sample was analyzed outside of our recommended holding time. See case narrative.
8 Data provided by SAIC.
9 MTBE by EPA Method 8021 was not detected at or above 10 ppb.

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

EXPLANATIONS:

10 MTBE by EPA Method 8021 was not detected at or above 250 ppb.
11 MTBE by EPA Method 8021 was not detected at or above 2.5 ppb.
12 Absorbent sock in well.
13 MTBE by EPA Method 8021 was not detected at or above 50 ppb.
14 Laboratory report indicates the hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
15 Organic Lead was <300 ppb.
16 Laboratory report indicates this sample was laboratory filtered.
17 Due to limited sample volume; no results will be provided.
18 Pump in well.
19 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
20 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes earlier in the DRO range.
21 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel, additional patterns which elute earlier and later in the DRO range and individual peaks eluting in the DRO range.
22 BTEX by EPA Method 8260.
23 Laboratory Detection Limit is greater than the MTCA Method A Cleanup level.
24 DTW was adjusted to reflect the difference in measuring tape lengths between different water level meters used to collect DTW measurements across the site.
25 Analyzed for Methyl Tertiary Butyl Ether (MTBE); result = <0.5 µg/L.
26 Resampled at a later date due to original samples not returned to lab for analysis within the sample holding period.
27 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.
28 Insufficient water to determine GWE.
29 The Laboratory report indicates the result reported for toluene in this sample may be attributed to trace amounts of toluene recently found in HCl preserved vials from the manufacturer. The field blank associated with this sample had a trace toluene detection of 1 ug/l. Please refer to the letter accompanying the lab report for further explanation.
30 The Laboratory report indicates the result reported for toluene in this sample may be attributed to trace amounts of toluene recently found in HCl preserved vials from the manufacturer. The field blank associated with this sample had a trace toluene detection of 0.9 ug/l. Please refer to the letter accompanying the lab report for further explanation.
31 The Laboratory report indicates the result reported for toluene in this field blank may be attributed to trace amounts of toluene recently found in HCl preserved vials from the manufacturer. Please refer to the letter accompanying the lab report for further explanation.

Table 2

Groundwater Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (mg/L)	Sulfide (µg/L)
VP-5/MW-5										
04/19-22/10		**366**	**1,740**	**4.700**	**<0.400**	**73,300**	**69,500**	**<460**	**0.130**	**<54**
VP-7/MW-3										
03/26-28/91		50,000	8,600	<0.010	--	--	--	--	--	--
12/14/99		--	7.76	<0.10	--	13,400	--	--	11.7	--
VP-8/ MW-7										
12/11/08		5,470	527	0.840	<0.200	109,000	193,000	<460	<0.100	<54
04/13-16/09		1,690	217	0.770	<0.400	43,700	149,000	<460	0.960	<54
10/12-15/09		1,220	187	2.300	<0.400	29,200	112,000	<460	2.800	<54
04/19-22/10		**4,400**	**311**	**3.300**	**<0.400**	**23,700**	**112,000**	**<460**	**1.200**	**140**
VP-9										
12/15/99		--	420	9,200	--	34,000,000	--	--	9,400	--
MW-4										
12/15/99		--	10.5	<0.10	--	<200	--	--	6.15	--
11/10/08		<52.2	1,460	4.72	<0.200	220,000	117,000	<460	<0.100	<54
04/13-16/09		299	3,570	1.300	<0.400	133,000	206,000	<460	0.420[1]	<54
10/12-15/09		643	6,300	<0.250	<0.400	99,200	267,000	<460	0.690	230
04/19-22/10		**876**	**5,370**	**<0.250**	**<0.400**	**23,900**	**233,000**	**<460**	**0.690**	**81**
MW-6										
05/01/08		22,900	5,170	0.560	<0.200	155,000	57,400	<460	17.3	270
11/10/08		6,590	32,400	21.1	0.300	785,000	38,900	<460	0.698	<54
11/10/08	(D)	6,370	32,700	21.0	0.310	843,000	39,200	<460	0.819	<54
04/13-16/09		8,860	14,800	0.280	<0.400	248,000	298,000	<460	3.500	<54
10/12-15/09		4,060	5,560	<0.250	<0.400	72,900	397,000	<460	4.800	230
04/19-22/10		**33,600**	**15,500**	**<0.250**	**<0.400**	**151,000**	**400,000**	**<460**	**37.100**	**150**

Table 2

Groundwater Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (mg/L)	Sulfide (µg/L)
MW-9										
12/15/99		--	10.5	--	--	--	--	--	6.15	--
11/10/08		23,400	21,400	<0.200	<0.200	13,800	578,000	<460	2.50	200
04/13-16/09		31,200	37,000	<0.250	<0.400	242,000	354,000	<460	30.200	110
10/12-15/09		25,300	20,700	<0.250	<0.400	116,000	384,000	<460	25.000	130
04/19-22/10		**25,900**	**13,200**	**<0.250**	**<0.400**	**128,000**	**328,000**	**<460**	**25.300**	**67**
MW-10										
03/26-28/91		15,000	3,200	0.243	--	--	--	--	1.59	--
03/26-28/91	(D)	10,000	3,400	0.243	--	--	--	--	--	--
12/15/99		--	5.12	0.72	--	70,600	--	--	<2.00	--
05/01/08		32,800	3,110	0.320	<0.200	33,900	208,00	<460	--	<54
11/10/08		390	1,570	1.33	<0.200	45,900	168,000	<460	0.120	<54
04/13-16/09		575	2,860	2.000	<0.400	64,400	192,000	<460	0.510	<54
10/12-15/09		2,970	3,350	<0.250	<0.400	79,600	181,000	<460	0.470	<54
04/19-22/10		**1,410**	**960**	**3.500**	**<0.400**	**50,700**	**227,000**	**<460**	**0.029**	**<54**
MW-14										
04/19-22/10		**8,080**	**7,530**	**<0.250**	**<0.400**	**127,000**	**342,000**	**<460**	**8.600**	**93**
MW-15										
12/11/08		116	96	0.490	<0.200	25,400	44,400	<460	<0.100	<54
04/13-16/09		405	139	<0.250	<0.400	6,600	29,100	<460	<0.010	<54
10/12-15/09		274	330	<0.250	<0.400	99,800	84,800	<460	0.037	<54
04/19-22/10		**<52.2**	**7.2**	**<0.250**	**<0.400**	**3,100**	**45,000**	**<460**	**<0.010**	**<54**
MW-16										
05/02/08		2,250	1,240	1.63	0.600	23,900	121,000	<460	<0.250	<54
11/06/08		181	1,900	5.58	<0.200	46,200	50,300	<460	<0.100	<54
04/13-16/09		508	205	9.800	<0.400	24,900	63,100	<460	<0.010	<54
10/12-15/09		78.4	172	14.900	<0.400	24,700	67,300	<460	0.017	<54
04/19-22/10		**925**	**1,630**	**7.900**	**<0.400**	**22,300**	**58,100**	**<460**	**<0.010**	**<54**

Table 2

Groundwater Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (mg/L)	Sulfide (µg/L)
MW-17										
05/01/08		2,820	2,570	<0.200	<0.200	27,600	111,000	<460	<0.250	<54
11/06/08		499	1,990	1.50	<0.200	65,700	92,800	<460	<0.100	<54
11/06/08	(D)	647	2,450	1.09	<0.200	68,400	111,000	<460	<0.100	<54
04/13-16/09		343	1,520	1.500	<0.400	68,000	92,900	<460	0.130	<54
10/12-15/09		273	2,890	2.900	<0.400	28,000	218,000	<460	0.180	<54
04/19-22/10		**1,150**	**1,090**	**6,100**	**<0.400**	**26,000**	**74,900**	**<460**	**<0.010**	**<54**
MW-18										
12/11/08		3,170	4,300	<0.200	<0.200	55,300	266,000	<460	<0.100	<54
04/13-16/09		8,880	3,220	<0.250	<0.400	77,500	196,000	<460	2.100	<54
10/12-15/09		2,670	3,820	<0.250	<0.400	41,900	247,000	<460	2.900	66
04/19-22/10		**420**	**1,900**	**4.100**	**<0.400**	**32,800**	**178,000**	**<460**	**0.120**	**<54**
MW-21										
05/01/08		8,110	395	<0.200	<0.200	21,900	268,000	<460	2.13	<54
11/06/08		5,980	374	<0.200	<0.200	18,400	260,000	<460	0.216	<54
04/13-16/09		6,260	334	<0.250	<0.400	18,900	245,000	<460	4.600	<54
10/12-15/09		4,740	299	<0.250	<0.400	19,900	234,000	<460	5.100	<54
04/19-22/10		**7,320**	**200**	**<0.250**	**<0.400**	**20,600**	**164,000**	**<460**	**3.900**	**<54**
MW-25										
04/19-22/10		**<52.2**	**1,280**	**1.600**	**<0.400**	**28,600**	**180,000**	**<460**	**<0.010**	**<54**
MW-26										
05/01/08		3,030	3,660	<0.200	<0.200	137,000	129,000	<460	0.373	57
05/01/08	(D)	3,210	3,660	<0.200	<0.200	133,000	131,000	<460	0.817	<54
11/06/08		4,260	3,710	0.800	<0.200	117,000	156,000	<460	0.275	78
04/13-16/09		319	1,380	5.600[4]	<8.000[4]	16,500	142,000	<460	0.071	<54
10/12-15/09		<52.2	1,040	10.300	<0.400	60,800	88,400	<460	0.012	<54
04/19-22/10		**<52.2**	**48.4**	**17.700**	**<0.400**	**44,300**	**87,200**	**<460**	**0.012**	**<54**

Table 2

Groundwater Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE		Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (mg/L)	Sulfide (µg/L)
MW-30										
04/30/08		1,570	144	4.91	<0.200	16,500	228,000	<460	<0.250	<54
11/06/08		196	108	4.11	<0.200	10,700	226,000	<460	<0.100	<54
11/06/08	(D)	325	92.9	4.09	<0.200	11,000	224,000	<460	<0.100	<54
04/13-16/09		410	174	4.800[2]	<0.400	13,200	225,000	<460	<0.010	<54
10/12-15/09		59.8	120	9.500	<0.400	15,500	216,000	<460	<0.010	<54
04/19-22/10		**1,830**	**352**	**0.690**	**<0.400**	**8,100**	**281,000**	**<460**	**0.033**	**<54**
MW-31										
04/19-22/10		**567**	**10.1**	**0.340**	**<0.400**	**57,300**	**161,000**	**<460**	**0.055**	**<54**
MW-33										
04/19-22/10		**4,650**	**236**	**<0.250**	**<0.400**	**17,300**	**252,000**	**<460**	**4.100**	**460**
MW-34										
04/30/08		1,750	37.4	11.4	<0.200	23,000	113,000	<460	<0.250	<54
11/06/08		426	15.7	15.9	<0.200	24,500	90,100	<460	<0.100	<54
04/13-16/09		<52.2	0.91	15.200	<0.400	47,400	96,100	<460	0.075[3]	<54
10/12-15/09		576	15.3	12.300	<0.400	37,100	102,000	<460	0.030	<54
04/19-22/10		**8,360**	**175**	**9.900**	**<0.400**	**23,400**	**99,600**	**<460**	**0.037**	**<54**
MW-35										
05/01/08		2,010	3,620	<0.200	<0.200	<1500	391,000	<460	0.636	<54
04/13-16/09		21,300	2,330	<0.250	<0.400	21,700	357,000	<460	19.500	73
10/12-15/09		14,700	1,880	<0.250	<0.400	37,100	214,000	<460	2.900	170
04/19-22/10		**45,100**	**2,230**	**<0.250**	**<0.400**	**46,500**	**200,000**	**<460**	**4.600**	**400**

Table 2

Groundwater Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

WELL ID/ DATE	Iron (µg/L)	Manganese (µg/L)	Nitrate as Nitrogen (mg/L)	Nitrite as Nitrogen (mg/L)	Sulfate (µg/L)	Alkalinity to pH 4.5 (µg/L)	Alkalinity to pH 8.3 (µg/L)	Ferrous Iron (mg/L)	Sulfide (µg/L)
DPE-8/MW-22									
11/06/08	99,600	22,300	<0.200	<0.200	4,200	529,000	<460	4.62	580
04/13-16/09	24,200	5,980	0.340	<0.400	47,300	228,000	<460	23.700	140
10/12-15/09	13,600	3,830	<0.250	<0.400	46,800	188,000	<460	15.100	610
04/19-22/10	**2,370**	**1,280**	**<0.250**	**<0.400**	**61,600**	**109,000**	**<460**	**1.500**	**<54**

Table 2

Groundwater Analytical Results
Former Texaco Service Station (Site #211577)
631 Queen Anne Avenue North
Seattle, Washington

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to November 6, 2008, were compiled from reports prepared by SAIC.

(µg/L) = Micrograms per liter
(mg/L) = milligrams per liter
-- = Not Measured/Not Analyzed
(D) = Duplicate

P = The analyte was detected above the instrument detection limit but below the established minimum quantitation limit
< = Analyte not detected at or above the laboratory reporting limit. Number represents reporting limit
J = Anatyle was positively identified. The associated numerical result is an estimate

ANALYTICAL METHODS:

Manganese analyzed by Method SW-846 6010B
Alkalinity analyzed by SM20 Method 2320 B
Sulfate analyzed by EPA Method 300.0
Nitrate-Nitrogen and Nitrite-Nitrogen analyzed by EPA Method 300.0
Ferrous Iron analyzed by 3500-Fe B
Sulfide analyzed by Method SM20 4500 S2 D

[1] Laboratory report indicates this sample was analyzed twice for ferrous iron. The result of the second analysis was 471 µg/L.

[2] Laboratory report indicates this sample was originally analyzed within the 48 hour holding time for nitrate-nitrogen, however the continuing calibration standard bracketing the sample was not within specification. The analysis was repeated on April 17, 2009. The continuing calibration standard bracketing the sample on the second trial was within specification. The first trial result is being reported because it was analyzed within the holding time. The second trial result was 5,100 ug/L.

[3] Laboratory report indicates this sample was analyzed twice for ferrous iron. The result of the second analysis was 230 ug/L.

[4] Laboratory report indicates the reporting limit(s) for the analyte(s) was raised due to matrix inference.

Table 3

Separate Phase Hydrocarbon Thickness/Removal Data

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

Seattle, Washington

WELL ID/ DATE	DTP (ft.)	DTW (ft.)	SPH THICKNESS (ft.)	AMOUNT BAILED (SPH + WATER) (gallons)
VP-4				
10/17-18/02	12.75	12.78	0.03	0.00
01/21/03	12.61	12.71	0.10	0.00
04/23-24/03	11.72	11.75	0.03	0.00
06/30-07/01/03	12.31	12.34	0.03	0.00
10/01-02/03	13.26	13.29	0.03	0.00
01/21-23/04	12.34	12.37	0.03	0.00
04/29-30/04	--	12.21	0.00	0.00
07/15-16/04	--	12.62	0.00	0.00
10/28-11/01/04	--	12.98	0.00	0.00
01/24-31/05	--	12.39	0.00	0.00
04/18-21/05	--	12.14	0.00	0.00
07/27-28/05	--	12.51	0.00	0.00
11/08-10/05	--	12.91	0.00	0.00
VP-6				
07/24/02	10.60	12.18	1.58	0.00
10/17-18/02	11.35	12.00	0.65	0.00
01/21/03	11.27	12.90	1.63	0.00
04/23-24/03	10.75	10.90	0.15	0.00
06/30-07/01/03	11.32	11.54	0.22	0.00
10/01-02/03	12.12	12.91	0.79	0.00
01/21-23/04	NOT MONITORED/SAMPLED DUE TO WELL OBSTRUCTION AT 2.41 FEET			
NOT MONITORED/SAMPLED - REPLACED BY DPE-1(VP-6)				
VP-7(MW-3)				
06/30-07/01/03	10.08	10.11	0.03	0.00
10/01-02/03	--	10.98	0.00	0.00
01/21-23/04	--	10.09	0.00	0.00
04/29-30/04	--	9.96	0.00	0.00
07/15-16/04	--	10.38	0.00	0.00
10/28-11/01/04	--	10.76	0.00	0.00
01/24-31/05	--	10.13	0.00	0.00
04/18-21/05	--	9.97	0.00	0.00
07/27-28/05	--	10.28	0.00	0.00
11/08-10/05	--	10.57	0.00	0.00
MW-6				
10/17-18/02	20.64	20.69	0.05	0.00
01/21/03	21.71	21.74	0.03	0.00
04/23-24/03	20.88	20.91	0.03	0.00
06/30-07/01/03	21.38	21.41	0.03	0.00
10/01-02/03	23.04	23.07	0.03	0.00
01/21-23/04	INACCESSIBLE - JUNKED VEHICLE OVER WELL			--
04/29-30/04[1]	20.20	20.22	0.02	0.00
07/15-16/04	--	20.48	0.00	0.00
10/28-11/01/04	--	20.93	0.00	0.00
01/24-31/05	--	20.38	0.00	0.00

Table 3

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631 Queen Anne Avenue North

Seattle, Washington

WELL ID/ DATE	DTP (ft.)	DTW (ft.)	SPH THICKNESS (ft.)	AMOUNT BAILED (SPH + WATER) (gallons)
MW-6 (cont)				
04/18-21/05	--	20.31	0.00	0.00
07/27-28/05	--	20.39	0.00	0.00
11/08-10/05	--	20.79	0.00	0.00
RW-4				
07/15-16/04	17.98	18.20	0.22	0.00
10/28-11/01/04	DRY	--	--	--
10/28-11/01/04	DRY	--	--	--
01/24-31/05	--	18.04	0.00	0.00
04/18-21/05	--	17.86	0.00	0.00
07/27-28/05	INACCESSIBLE - VEHICLE PARKED OVER WELL			
DPE-1(VP-6)				
04/29-30/04	11.20	11.25	0.05	0.00
07/15-16/04	11.61	11.63	0.02	0.00
10/28-11/01/04	--	11.99	0.00	0.00
01/24-31/05	--	11.37	0.00	0.00
04/18-21/05	--	11.19	0.00	0.00
07/27-28/05	--	11.50	0.00	0.00
11/08-10/05	--	11.76	0.00	0.00
DPE-2				
04/29-30/04	11.31	11.51	0.20	0.00
07/15-16/04	--	11.73	0.00	0.00
10/28-11/01/04	--	12.12	0.00	0.00
01/24-31/05	--	11.51	0.00	0.00
04/18-21/05	--	11.30	0.00	0.00
07/27-28/05	--	11.64	0.00	0.00
11/08-10/05	--	12.02	0.00	0.00

Table 3

Separate Phase Hydrocarbon Thickness/Removal Data

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

Seattle, Washington

EXPLANATIONS:

DTP = Depth to Product

DTW = Depth to Water

(ft.) = Feet

SPH = Separate Phase Hydrocarbons

-- = Not Measured

Note: Historical data has been altered to correct error in original reporting of depth to product as depth to water.

[1] Absorbent sock in well.

Table 4

Groundwater Analytical Results - SVOCs and PAHs

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

Seattle, Washington

WELL ID	DATE	2-Methylnaphthalene (µg/L)	2,4-Dimethylphenol (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	2-Methylphenol (µg/L)	4- Methylphenol (µg/L)	bis (2-Ethylhexyl) phthalate (µg/L)	Benzoic acid (µg/L)
VP-1	7/24/2002	84	80	160	ND	13	18	31	<10
VP-2	7/24/2002	UNABLE TO LOCATE		--	--	--	--	--	--
VP-5(MW-5)	7/24/2002	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
VP-7(MW-3)	7/24/2002	69	28	420	ND	<5.0	6	<10	34
VP-8(MW-7)	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10
VP-9	7/24/2002	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
MW-4	7/24/2002	160	24	500	ND	6	9	<10	<10
MW-10	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	13	<10
MW-11	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10
MW-12	10/17-18/02	<10.0	<10.0	<10.0	<10.0	<10.0	--	<50.0	<20.0
MW-13	10/17-18/02	--	--	--	--	--	--	--	--
MW-14	10/17-18/02	--	--	--	--	--	--	--	--
	11/14/02	52.2	13.4	242	34.5	11.0	24.8[1]	<50.0	<20.0
MW-15	10/17-18/02	--	--	--	--	--	--	--	--
	11/14/02	<10.0	<10.0	<10.0	37.0	<10.0	<10.0[1]	<50.0	<20.0
RW-4	7/24/2002	<5.0	<5.0	<5.0	ND	<5.0	<5.0	<10	<10

Table 4

Groundwater Analytical Results - SVOCs and PAHs

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

EXPLANATIONS:

-- = Not Analyzed
ND = Not Detected
(µg/L) = Micrograms per liter

ANALYTICAL METHODS:

Semi-Volatile Organic Compounds (SVOC) by EPA Method 8270
Polynuclear Aromatic Hydrocarbons (PAH) by EPA Method 8270

NOTE:

Other PAHs and SVOCs constituents were less than the reporting limit.

[1] Results are for 3 & 4-Methylphenol.

Table 5

Groundwater Analytical Results - VOCs

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

Seattle, Washington

ELL ID/ TE	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	m+p-Xylene (µg/L)	o-Xylene (µg/L)	Isopropylbenzene (µg/L)	n-Propylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	sec-Butylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	n-Butylbenzene (µg/L)	Naphthalene (µg/L)	Methyl t-butyl ether (µg/L)	t-Butyl alcohol (µg/L)
-3(MW-2)																			
24/02	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-5(MW-5)																			
24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL						--	--	--	--	--	--	--	--	--	--	--	--	--
-7(MW-3)																			
17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<10.0	<100
-9																			
24/02	INACCESSIBLE - VEHICLE PARKED OVER WELL						--	--	--	--	--	--	--	--	--	--	--	--	--
W-4																			
24/02	ND	<8.0	12,000	10,000	1,800	ND	ND	8,900	3,500	46	140	500	1,800	<10	<10	23	360	6	120
17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<50.0	<500
W-10																			
24/02	ND	15	2	<0.5	<0.5	ND	ND	<0.5	<0.5	<2	<1	<1	<1	1	<1	<1	<2	<2	<100
W-11																			
24/02	ND	<1	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<2	<1	<1	<1	<1	<1	<1	<2	<2	<100
W-20																			
28-11/01/04[1]	<0.8	<0.8	<0.5	<0.5	<0.5	<0.8	<1	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	--
W-22																			
26-27/04[2]	<4	8	6,600	7,500	1,600	<4	9	7,100	2,800	--	--	--	--	--	--	--	--	<3	--
W-23																			
26-27/04[2]	<8	<8	810	10,000	2,200	<8	<10	8,600	3,600	--	--	--	--	--	--	--	--	<5	--

Table 5

Groundwater Analytical Results - VOCs

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

ELL ID/ ATE	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	m+p-Xylene (µg/L)	o-Xylene (µg/L)	Isopropylbenzene (µg/L)	n-Propylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	sec-Butylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	n-Butylbenzene (µg/L)	Naphthalene (µg/L)	Methyl t-butyl ether (µg/L)	t-Butyl alcohol (µg/L)
W-24 /26-27/04[2]	<0.8	<0.8	<0.5	<0.5	<0.5	<0.8	<1	2	1	--	--	--	--	--	--	--	--	<0.5	--
W-25 /26-27/04[2]	<4	<4	52	110	340	<4	<5	1,400	450	--	--	--	--	--	--	--	--	<3	--
W-26 /28-11/01/04	<4	<4	9,100	4,400	1,500	<4	<5	6,600	2,500	--	--	--	--	--	--	--	--	<3	--
W-12 /17-18/02	1.68	9.07	<1.00	<1.00	<1.00	9.58	2.75	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<50.0
W-13 /17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-14 /17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-15 /17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-32 /27-28/05	<3	<3	2,100	470	560	<3	<4	1,900	600	--	--	--	--	--	--	--	--	<2	--
W-33 /27-28/05[3]	<3	<3	4,800	180	86	<3	<4	33	120	--	--	--	--	--	--	--	--	4	--
W-34 /28/05[2]	<0.8	<0.8	<0.5	<0.5	<0.5	1	<1	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	--

Table 5

Groundwater Analytical Results - VOCs

Former Texaco Service Station (Site #211577)

631 Queen Anne Avenue North

Seattle, Washington

LL ID/ TE	Chloroform (µg/L)	cis-1,2-Dichloroethene (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Tetrachloroethene (µg/L)	Trichloroethene (µg/L)	m+p-Xylene (µg/L)	o-Xylene (µg/L)	Isopropylbenzene (µg/L)	n-Propylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	sec-Butylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	n-Butylbenzene (µg/L)	Naphthalene (µg/L)	Methyl t-butyl ether (µg/L)	t-Butyl alcohol (µg/L)
W-35																			
28/05[2]	<0.8	<0.8	30	<0.5	<0.5	<0.8	<1	<0.5	1	--	--	--	--	--	--	--	--	<0.5	--
E-5																			
28/05[2]	<0.8	<0.8	2,200	3,000	660	<0.8	<1	4,000	1,700	--	--	--	--	--	--	--	--	<0.5	--
E-6																			
28/05[2]	<0.8	8	98	4	3	<0.8	<1	7	3	--	--	--	--	--	--	--	--	<0.5	--
E-7																			
28/05[2,4]	<0.8	<0.8	630	1,600	260	<0.8	<1	1,800	630	--	--	--	--	--	--	--	--	<0.5	--
W-4																			
24/02	ND	<1	70	1	36	ND	ND	3	2	<2	3	<1	20	<1	2	1	5	<2	<100
p Blank																			
26-27/04[2]	<0.8	<0.8	<0.5	<0.5	<0.5	<0.8	<1	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	--
28/05[2]	<0.8	<0.8	<0.5	<0.5	<0.5	<0.8	<1	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	--

Table 7

Groundwater Analytical Results - Oxygenate Compounds

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

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-12	10/18/02	--	<50.0	<5.00	--	<1.00	<1.00	--	--
MW-3	10/18/02	<40.0	<100	<10.0	<2.00	<2.00	<2.00	<1.00	<1.00
MW-4	10/18/02	<200	<500	<50.0	<10.0	<10.0	<10.0	<5.00	<5.00
MW-20	10/28-11/01/04	--	--	<0.5	--	--	--	<0.5	<0.5
MW-22	10/26-27/04[1]	--	--	<3	--	--	--	<3	<3
MW-23	10/26-27/04[1]	--	--	<5	--	--	--	<5	<5
MW-24	10/26-27/04[1]	--	--	<0.5	--	--	--	<0.5	<0.5
MW-25	10/26-27/04[1]	--	--	<3	--	--	--	<3	<3
MW-26	10/28-11/01/04	--	--	<3	--	--	--	<3	<3

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
1,2- DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(µg/L) = Micrograms per liter

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

[1] Data provided by SAIC.

Standard Operating Procedure, Low-Flow Purging and Sampling

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

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

Initial Pump Discharge Test Procedures

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

The bladder pump or suction inlet tubing of the peristaltic pump is then positioned with its inlet located within the screened interval of the well. After pump installation, the SWL is allowed to recover to its original level. The pump is then started at a discharge rate between 100 ml to 300 ml per minute without the in-line flow cell connected. The water level is monitored continuously for any change from the original measurement and the discharge rate is adjusted until an optimum discharge rate (ODR) is determined. The goal for the ODR is to produce a stable drawdown of less than 0.1 meter; however the total drawdown from the initial SWL should not exceed 25% of the distance between pump inlet location and the top of the well screen. If the in-line flow cell is to be used, purging is discontinued once the ODR is determined, and the inline flow cell is connected. Purging is then resumed and the ODR is adjusted to allow for the back pressure of the in-line flow cell.

Purging and Water Quality Parameter Measurement

Prior to sampling the well, the SWL will be re-measured and documented and purging will be re-initiated using the ODR. The discharge rate will be confirmed by volumetric discharge measurement and the ODR adjusted as necessary. When the ODR has been re-established, the SWL drawdown has stabilized within the acceptable range and at least one pump system volume (bladder volume and/or discharge tubing volume) has been purged, field measurements for temperature (T), pH, conductivity (Ec), and if required, oxygen reduction potential (ORP) and dissolved oxygen (DO) will be collected and documented on the field data sheet. Measurements should be taken every three to five minutes until parameters stabilize for three consecutive readings. The minimum parameter subset of T (± 10%), pH (± 0.1 unit), and Ec (± 10 uS) are required to stabilize. Additional parameters that may be required are DO (± 0.2 mg/l) and ORP (± 20 mV).

Sample Collection

When water quality parameters have stabilized, and there is no change in the SWL drawdown, groundwater sample collection may begin. Water samples are collected from the discharge tubing into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to

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

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

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

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.

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: 4/19 - 4/22/10 (inclusive)

City: **Seattle, WA** Sampler: ML

Well ID VP-2

Well Diameter 2 in.

Total Depth 14.96 ft.

Depth to Water 12.25 ft.

Date Monitored: 4-19-10

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
- Discrete Bailer
- 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):
Sample Time/Date: /
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal.

Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:
DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITE SULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: M/O

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: 4/19-4/22 (inclusive)

City: **Seattle, WA** Sampler: MV

Well ID VP-4 Date Monitored: 4-19-10

Well Diameter 2 in.

Total Depth 13.96 ft.

Depth to Water 11.32 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	
Discrete Bailer	
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): 1050 Weather Conditions: Rain

Sample Time/Date: 1120 / 4-19-10 Water Color: Cloudy Odor: Y / N

Approx. Flow Rate: 200 ml/ gpm. Sediment Description: light

Did well de-water? no If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 11.53

Time (2400 hr.)	Volume ~~gal.~~ L	pH	Conductivity (µmhos/cm - µS)	Temperature (C F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1100	1	6.80	602	10.86	3.92	34.1	11.51
1103	1.3	6.85	607	10.90	3.85	37.2	11.53
1106	1.6	6.86	606	10.91	3.85	36.8	11.53

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITE SULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500-S2 D)

COMMENTS:

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: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: A Lentrich

Well ID VP-5 (MW-5) Date Monitored: 4-19-10

Well Diameter 2 in.

Total Depth 16.39 ft.

Depth to Water 11.02 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	
Discrete Bailer	
Peristaltic Pump	✓
QED Bladder Pump	
Other:	

Time Started: 1250 (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: — ft
Depth to Water: 11.10 ft
Hydrocarbon Thickness: — ft
Visual Confirmation/Description: NA
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: — gal
Amt Removed from Well: — gal
Water Removed: —
Product Transferred to: —

Start Time (purge): 1253 Weather Conditions: Cloudy

Sample Time/Date: 1310 / 4/20/10 Water Color: Clear Odor: Y / (N)

Approx. Flow Rate: 0.16 L/m ~~gpm~~ Sediment Description: None

Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 11.10

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm / µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1258	1.8	8.27	336	13.58	0.00	-206.2	11.13
1301	3.6	6.27	358	13.79	0.00	-204.8	11.12
1304	5.4	6.00	284	14.50	0.00	-172.8	11.13

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
VP-5 (MW-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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010)
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID VP-7 (MW-3) Date Monitored: 4-19-10
Well Diameter 2 in.
Total Depth 12.47 ft.
Depth to Water 9.31 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
Discrete Bailer
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):
Sample Time/Date:
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal.
Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:
DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MO

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: ML

Well ID VP-8(MW-7) | Date Monitored: 4-19-10
Well Diameter 2 in.
Total Depth 17.96 ft.
Depth to Water 11.15 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	
Discrete Bailer	
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): 1205
Sample Time/Date: 1235 / 4-21-10
Approx. Flow Rate: 200ml/ gpm.
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 11.21

Weather Conditions: Rain
Water Color: Clear Odor: Y / (N)
Sediment Description: None

Time (2400 hr.)	Volume (~~gal.~~ L)	pH	Conductivity (µmhos/cm - (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1220	3	7.11	516	14.02	2.67	-34.3	11.20
1223	3.6	7.19	521	14.09	2.69	-36.1	11.20
1226	4.2	7.20	522	14.08	2.72	-36.0	11.21

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
VP-8(MW-7)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID VP-9 Date Monitored: 4-19-10
Well Diameter 2 in.
Total Depth 12.46 ft.
Depth to Water 9.07 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
- Discrete Bailer
- 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):
Sample Time/Date: /
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal.

Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:
DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: N/O

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: **4/19 - 4/22/10** (inclusive)
City: **Seattle, WA** Sampler: **A Lambert**

Well ID **MW-4** Date Monitored: **4-19-10**
Well Diameter **2** in.
Total Depth **17.38** ft.
Depth to Water **10.60** 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
Discrete Bailer
Peristaltic Pump ✓
QED Bladder Pump
Other:

Time Started: 14:15 (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: 10.76 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): 1423 Weather Conditions: Cloudy
Sample Time/Date: 1440 / 4/21/10 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 0.6 gpm. Sediment Description: N/A
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 10.78

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm / µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1426	1.8	7.16	713	13.74	0.00	-188.2	10.78
1429	3.6	7.09	750	14.00	0.00	-194.3	10.78
1432	5.4	7.00	802	14.04	0.00	-205.3	10.78

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: IAN

Well ID MW-6 | Date Monitored: 4-19-16
Well Diameter 2 in.
Total Depth 28.07 ft.
Depth to Water 18.83 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.

9.24 xVF 0.17 = 1.57 x3 case volume = Estimated Purge Volume: 4.71 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: _____
Discrete Bailer: _____
Peristaltic Pump: ✓
QED Bladder Pump: _____
Other: _____

Time Started: 0734 (2400 hrs)
Time Completed: 0850 (2400 hrs)
Depth to Product: — ft
Depth to Water: 19.00 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): 0745 | Weather Conditions: Overcast
Sample Time/Date: 0810 / 4/22/10 | Water Color: Darkbrown-tan | Odor: (Y) / N slight petroleum
Approx. Flow Rate: 0.2 gpm. | Sediment Description: N/A
Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 19.08

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm / µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0750	1.0	6.45	923	12.96	2.74	89.8	19.07
0753	1.6	6.47	925	13.07	2.67	-2.6	19.07
0756	2.2	6.48	926	13.24	2.56	-41.6	19.08

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS
FIELD BLANK (FB-1) and DUPLICATE SAMPLE (DUP-1) COLLECTED FROM THIS WELL. Water seems to be slightly foamy

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: ML

Well ID: MW-9
Well Diameter: 2 in.
Total Depth: 27.17 ft.
Depth to Water: 19.04 ft.
Date Monitored: 4-19-10

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
Discrete Bailer
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): 1100
Sample Time/Date: 1140 / 4-22-10
Approx. Flow Rate: 200 ml/ gpm.
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 19.19

Weather Conditions: Cloudy
Water Color: Clear Odor: Y / N Light
Sediment Description: None

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1115	3	6.86	904	14.54	1.16	-265.4	19.16
1118	3.6	6.83	907	14.49	1.20	-265.0	19.18
1121	4.2	6.81	902	14.45	1.26	-264.9	19.19

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-10 Date Monitored: 4-19-10
Well Diameter 2 in.
Total Depth 29.06 ft.
Depth to Water 11.93 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 ____
Discrete Bailer ____
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): 1310 Weather Conditions: Rain
Sample Time/Date: 1335 / 4-21-10 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200 ml/min. Sediment Description: None
Did well de-water? No If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 12.20

Time (2400 hr.)	Volume (gal)	pH	Conductivity (µmhos/cm - mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1320	2	6.91	622	14.89	1.26	-152.4	12.16
1323	2.6	6.85	621	14.81	1.19	-150.1	12.19
1326	3.2	6.86	625	14.83	1.20	-150.6	12.20

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: ML

Well ID MW-11

Well Diameter 2 in.

Total Depth 17.11 ft.

Depth to Water - ft.

Date Monitored: 4-19-10

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
- Discrete Bailer
- 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: gpm. Sediment Description:

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

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: M/O, WELL OBSTRUCTED AT 10.90 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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-12 Date Monitored: 4-19-10
Well Diameter 2 in.
Total Depth 16.31 ft.
Depth to Water 11.28 ft.

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

☐ Check if water column is less then 0.50 ft.

____ 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
Discrete Bailer
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: ____ gpm. Sediment Description: ____
Did well de-water? ____ If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: ____

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITE/SULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: M/O

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-13
Well Diameter 2 in.
Total Depth 19.79 ft.
Depth to Water 17.08 ft.

Date Monitored: 4-19-10

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
Discrete Bailer
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):
Sample Time/Date: /
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal. DTW @ Sampling:

Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:

Time (2400 hr)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: 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: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: [illegible]

Well ID MW-14

Well Diameter 2 in.

Total Depth 29.41 ft.

Depth to Water 10.41 ft.

Date Monitored: 4-19-10

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 _____
Discrete Bailer _____
Peristaltic Pump ✓
QED Bladder Pump _____
Other: _____

Time Started: 0940 (2400 hrs)
Time Completed: 1025 (2400 hrs)
Depth to Product: — ft
Depth to Water: 10.41 ft
Hydrocarbon Thickness: — ft
Visual Confirmation/Description: Clear
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: — gal
Amt Removed from Well: — gal
Water Removed: —
Product Transferred to: —

Start Time (purge): 0940 Weather Conditions: Overcast

Sample Time/Date: 0955 / 4/20/10 Water Color: Clear Odor: Y / (N)

Approx. Flow Rate: 0.64 gpm. Sediment Description: None

Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 10.49

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm / µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0943	1.8	6.73	860	14.52	0.00	-317.2	10.51
0946	3.6	6.65	856	14.58	0.00	-311.4	10.49
0949	5.4	7.73	845	14.47	0.00	-305.1	10.49

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: A Lambrith

Well ID: MW-15 | Date Monitored: 4-19-10
Well Diameter: 2 in.
Total Depth: 24.11 ft.
Depth to Water: 8.85 ft. ☐ Check if water column is less then 0.50 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

_____ 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
Discrete Bailer
Peristaltic Pump ✓
QED Bladder Pump
Other:

Time Started: 1045 (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: —
Depth to Water: 8.85 ft
Hydrocarbon Thickness: — ft
Visual Confirmation/Description: NA
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: — gal
Amt Removed from Well: _____ gal
Water Removed: —
Product Transferred to: —

Start Time (purge): 1050 | Weather Conditions: Overcast
Sample Time/Date: 1105 / 4/20/10 | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: 0.6 L/m gpm. | Sediment Description: NA
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 8.85

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1053	1.8 L	8.39	88	12.47	2.33	-143.1	8.85
1056	3.6 L	6.13	96	12.44	2.36	-92.6	8.85
1059	5.4 L	5.97	97	12.42	2.24	-80.2	8.85

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-16 Date Monitored: 4-19-10
Well Diameter 2 in.
Total Depth 24.80 ft.
Depth to Water 10.85 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.

____ 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
Discrete Bailer
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: Cloudy
Sample Time/Date: 0840 / 4-20-10 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200ml/ gpm. Sediment Description: None
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 10.85

Time (2400 hr.)	Volume ~~gal.~~ L	pH	Conductivity (µmhos/cm - (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0825	3	6.24	264	14.25	6.74	-14.3	10.85
0828	3.6	6.21	264	14.19	6.78	-11.2	10.85
0831	4.2	6.22	265	14.17	6.79	-10.9	10.85

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: MW

Well ID MW-17
Well Diameter 2 in.
Total Depth 24.99 ft.
Depth to Water 8.81 ft.

Date Monitored: 4-19-10

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
Discrete Bailer
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): 1010 Weather Conditions: Cloudy
Sample Time/Date: 1040 / 4-20-10 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200ml/min. Sediment Description: None
Did well de-water? no If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 8.90

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1025	3	6.26	295	14.96	3.92	-107.7	8.92
1028	3.6	6.30	295	14.90	3.83	-105.5	8.90
1031	4.2	6.31	295	14.91	3.84	-103.9	8.90

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS
FIELD BLANK (FB-2) AND DUPLICATE SAMPLE (DUP-2) COLLECTED FROM THIS WELL.

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: 4/19 - 4/22/10 (inclusive)
City: Seattle, WA | Sampler: AV

Well ID MW-18
Well Diameter 2 in.
Total Depth 24.21 ft.
Depth to Water 10.25 ft.

Date Monitored: 4-19-10

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: _____
- Discrete Bailer: _____
- Peristaltic Pump: ✓
- QED Bladder Pump: _____
- Other: _____

Time Started: 1143 (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: — ft
Depth to Water: 10.33 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): 1143
Sample Time/Date: 1200 / 4/20/10
Approx. Flow Rate: 0.6 L/m gpm.
Did well de-water? N/S If yes, Time: — Volume: — gal. DTW @ Sampling: 10.37

Weather Conditions: Overcast
Water Color: Clear Odor: Y / (N)
Sediment Description: None

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm / µS)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1148	1.8	6.73	336	15.03	0.00	-95.1	10.39
1151	3.6	6.10	366	15.03	0.00	-100.3	10.92
1159	5.4	7.89	370	15.03	0.00	-146.0	10.42

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-18	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: ML

Well ID MW-19

Well Diameter 2 in.

Total Depth 24.25 ft.

Depth to Water 10.06 ft.

Date Monitored: 4-19-10

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
- Discrete Bailer
- 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):
Sample Time/Date: /
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal.

Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:
DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITE/SULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: M/O

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt: 2

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **631 Queen Anne North** Event Date: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: ML

Well ID MW-20

Well Diameter 2 in.

Total Depth 19.72 ft.

Depth to Water 7.10 ft.

Date Monitored: 4/19-10

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
- Discrete Bailer
- 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):
Sample Time/Date: /
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal.

Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:
DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MO

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: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: MW

Well ID MW-21 Date Monitored: 4-19-10

Well Diameter 2 in.

Total Depth 35.10 ft.

Depth to Water 25.65 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	
Discrete Bailer	
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): 0940 Weather Conditions: Rain

Sample Time/Date: 1010 / 4-21-10 Water Color: Clear Odor: Y / (N)

Approx. Flow Rate: 200 ml/m gpm. Sediment Description: None

Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 25.72

Time (2400 hr.)	Volume (gal. / L)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0955	3	6.90	256	14.96	1.76	69.3	25.71
0958	3.6	6.94	261	15.01	1.80	70.1	25.71
1001	4.2	6.95	260	15.02	1.80	70.4	25.72

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: ML

Well ID MW-23

Well Diameter 3/4 in.

Total Depth 13.04 ft.

Depth to Water 8.02 ft.

Date Monitored: 4-19-10

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
- Discrete Bailer
- 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: gpm. Sediment Description:

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

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: M/O

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: ML

Well ID: MW-24
Well Diameter: 3/4 in.
Total Depth: 12.50 ft.
Depth to Water: 5.40 ft.
Date Monitored: 4-19-10

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

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MO

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: A Lembrick

Well ID MW-25 | Date Monitored: 4-19-10
Well Diameter 4 in.
Total Depth 22.82 ft.
Depth to Water 10.80 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.

____ 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
- Discrete Bailer
- Peristaltic Pump: X
- QED Bladder Pump
- Other:

Time Started: 0830 (2400 hrs)
Time Completed: 0903 (2400 hrs)
Depth to Product: NA ft
Depth to Water: 10.81 ft
Hydrocarbon Thickness: NA 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): 0828 | Weather Conditions: Cloudy; rain slight
Sample Time/Date: 0890 / 4/20/10 | Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 100 mL/m gpm. | Sediment Description: None
Did well de-water? No If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 10.87

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0830	0.2 L	6.45	403	13.88	0.00	10.7	10.84
0834	1.0	6.22	421	13.87	0.00	-1.1	10.87
0838	1.5	6.22	421	13.88	0.00	-6.5	10.87

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22 (inclusive)
City: Seattle, WA Sampler: ml

Well ID MW-26
Well Diameter 4 in.
Total Depth 22.73 ft.
Depth to Water 9.64 ft.
Date Monitored: 4-19-10

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
Discrete Bailer
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): 0915
Sample Time/Date: 0940 / 4-20-10
Approx. Flow Rate: 200ml gpm.
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 9.65

Weather Conditions: Rain
Water Color: Clear Odor: Y / (N)
Sediment Description: None

Time (2400 hr.)	Volume (gal.) L	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0925	3	6.26	415	14.08	3.32	-48.0	9.65
0928	3.6	6.31	418	14.12	3.31	-45.7	9.65
0931	4.2	6.32	415	14.14	3.31	-45.9	9.65

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: MV

Well ID MW-30
Well Diameter 2 in.
Total Depth 33.20 ft.
Depth to Water 24.67 ft.

Date Monitored: 4-19-10

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	
Discrete Bailer	
Peristaltic Pump	✓
QED Bladder Pump	
Other:	

Time Started: 820 (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: 24.69 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): 0824
Sample Time/Date: 0840 / 4/21/2010
Approx. Flow Rate: 0.6 L/m gpm.
Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 24.71

Weather Conditions: Rainy
Water Color: Brown tinged Odor: Y / (N)
Sediment Description: Silt at first then cleared up

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0827	1.8	6.67	644	14.38	0.01	-136.7	24.73
0830	3.6	6.66	643	14.46	0.00	-136.1	24.73
0833	5.4	6.64	641	14.37	0.00	-133.1	24.73

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	(x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: FIELD BLANK (FB-3) AND DUPLICATE SAMPLE (DUP-3) COLLECTED FROM THIS WELL MNA PARAMETERS.

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: LW

Well ID MW-31
Well Diameter 2 in.
Total Depth 28.22 ft.
Depth to Water 19.80 ft.

Date Monitored: 4-19-10

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
Discrete Bailer
Peristaltic Pump ✓
QED Bladder Pump
Other:

Time Started: 0955 (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: 19.88 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): 0956
Sample Time/Date: 1015 / 4/21/2010
Approx. Flow Rate: 0.6 gpm.
Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Weather Conditions: Rainy
Water Color: Clear Odor: Y / (N)
Sediment Description: None
DTW @ Sampling: 19.92

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1001	1.8	6.90	471	13.74	0.18	-153.9	19.83
1004	3.6	6.72	453	13.79	0.82	-82.1	19.96
1007	5.4	6.67	448	13.81	0.83	-125.7	19.99
1010	7.2	6.59	445	13.76	1.01	-126.3	19.94

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-31	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: MW

Well ID MW-32
Well Diameter 2 in.
Total Depth 28.96 ft.
Depth to Water 10.44 ft.

Date Monitored: 4-19-10

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	
Discrete Bailer	
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
Sample Time/Date: 1150 / 4-20-10
Approx. Flow Rate: 200 ml / — ppm.
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 10.65

Weather Conditions: Cloudy
Water Color: Clear Odor: Y / (N)
Sediment Description: Light

Time (2400 hr.)	Volume (gal.) L	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1135	3	6.52	302	13.96	4.26	21.2	10.61
1138	3.6	6.59	311	14.01	4.31	21.7	10.64
1141	4.2	6.60	312	14.02	4.34	22.6	10.65

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS:

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID MW-33
Well Diameter 2 in.
Total Depth 34.90 ft.
Depth to Water 27.91 ft.

Date Monitored: 4-19-10

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 ____
Discrete Bailer ____
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): 0820
Sample Time/Date: 0850 / 4-22-10
Approx. Flow Rate: 200ml gpm.
Did well de-water? No If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 27.95

Weather Conditions: Cloudy
Water Color: Clear Odor: Y / N Light
Sediment Description: None

Time (2400 hr.)	Volume (~~gal.~~ L)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0835	3	6.69	392	14.11	2.98	-102.3	27.94
0836	3.6	6.73	401	14.18	3.02	-101.9	27.95
0841	4.2	6.72	400	14.18	3.05	-102.0	27.95

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: MW

Well ID: MW-34 Date Monitored: 4-19-10
Well Diameter: 2 in.
Total Depth: 37.03 ft.
Depth to Water: 26.96 ft. ☐ Check if water column is less then 0.50 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

— 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 ____
- Discrete Bailer ____
- 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): 0835 Weather Conditions: Rain
Sample Time/Date: 0905 / 4-21-10 Water Color: Clear Odor: Y / N
Approx. Flow Rate: 200ml gpm. Sediment Description: None.
Did well de-water? No If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 27.04

Time (2400 hr.)	Volume (L)	pH	Conductivity (μmhos/cm - μS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0850	3	6.64	380	14.61	4.98	-112.7	27.02
0853	3.6	6.67	388	14.67	4.89	-113.8	27.02
0856	4.2	6.67	389	14.69	4.91	-114.1	27.04

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: MW

Well ID MW-35
Well Diameter 2 in.
Total Depth 37.21 ft.
Depth to Water 30.45 ft.

Date Monitored: 4-19-10

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 X
Pressure Bailer
Discrete Bailer
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): 1215
Sample Time/Date: 1230 / 4-20-10
Approx. Flow Rate: ~~200 ml~~ gpm.
Did well de-water? NO If yes, Time: ____ Volume: ____ gal.

Weather Conditions: Cloudy
Water Color: Clear Odor: Y / (N)
Sediment Description: Light
DTW @ Sampling: 30.45

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
-	-	6.57	402	14.47	3.99	16.7	30.45

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	1 x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	1 x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MNA PARAMETERS, UNABLE TO USE PERISTALTIC PUMP DUE TO DEEP WATER DEPTH, BAILER USED TO SAMPLE.

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: MC

Well ID DPE-1 (VP-6) Date Monitored: 4-19-10
Well Diameter 4 in.
Total Depth 21.25 ft.
Depth to Water 10.26 ft.

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

☐ Check if water column is less then 0.50 ft.

____ 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
Discrete Bailer
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: ____ gpm. Sediment Description: ____
Did well de-water? ____ If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: ____

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MO pump in well

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: ML

Well ID RW-2
Well Diameter 8 in.
Total Depth 21.02 ft.
Depth to Water 12.56 ft.

Date Monitored: 4-19-10

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
Discrete Bailer
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): 0935
Sample Time/Date: 1010 / 4-22-10
Approx. Flow Rate: 200ml gpm.
Did well de-water? no If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 12.56

Weather Conditions: Cloudy
Water Color: Clear Odor: Y / N Light
Sediment Description: None

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0950	3	6.72	327	15.11	4.02	-26.2	12.56
0953	3.6	6.72	331	15.14	4.06	-27.1	12.56
0956	4.2	6.72	330	15.15	4.06	-27.0	12.56

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
RW-2	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS:

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: 4/19-4/22/10 (inclusive)

City: **Seattle, WA** Sampler: ML

Well ID DPE-2

Well Diameter 4 in.

Total Depth 24.55 ft.

Depth to Water 10.85 ft.

Date Monitored: 4-19-10

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
- Discrete Bailer
- 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: ____ gpm. Sediment Description: ____

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

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITE/SULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: M/O (VP-4 SAMPLED)

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: ML

Well ID DPE-3
Well Diameter 4 in.
Total Depth 18.29 ft.
Depth to Water 11.24 ft.

Date Monitored: 4-19-10

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
Discrete Bailer
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):
Sample Time/Date: /
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal. DTW @ Sampling:

Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: 1/10

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA Sampler: MZ

Well ID DPE-4
Well Diameter 4 in.
Total Depth 19.97 ft.
Depth to Water 10.95 ft.
Date Monitored: 4-19-10

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

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: N/O

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: MV

Well ID: DPE-5
Well Diameter: 4 in.
Total Depth: 26.67 ft.
Depth to Water: 15.92 ft.
Date Monitored: 4/19/10

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
Discrete Bailer
Peristaltic Pump
QED Bladder Pump ✓
Other:

Time Started: 1055 (2400 hrs)
Time Completed: 1145 (2400 hrs)
Depth to Product: —
Depth to Water: 13.62 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: —

MV 4/22
Start Time (purge): 1102
Sample Time/Date: 1140 / 4/22
Approx. Flow Rate: 0.17 gpm gpm.
Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 14.05

Weather Conditions: Cloudy
Water Color: Clear Odor: (Y) / N slight
Sediment Description: Orangish-red then clear

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm / µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1108	0.51	6.04	277	12.50	1.34	162.6	14.02
1111	1.02	6.02	277	12.50	1.25	160.6	14.05
1114	1.53	6.00	276	12.46	1.04	155.7	14.05

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS:

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: 4/19 - 4/22/10 (inclusive)
City: Seattle, WA Sampler: AV

Well ID DPE-6
Well Diameter 4 in.
Total Depth 32.76 ft.
Depth to Water 19.02 ft.

Date Monitored: 4/19/10

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
Discrete Bailer
Peristaltic Pump ✓
QED Bladder Pump
Other:

Time Started: ~~19:23~~ 12/9 (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: — ft
Depth to Water: 19.23 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): 1231
Sample Time/Date: 1300 / 4/22/10
Approx. Flow Rate: 0.17 gpm.
Did well de-water? No If yes, Time: — Volume: — gal. DTW @ Sampling: 19.38

Weather Conditions: Partly Sunny
Water Color: Clear Odor: Y / N
Sediment Description: NA

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1237	1.02 AM 0.53	6.77	1059	15.54	2.56	-108.4	19.34
1240	1.53	6.77	1059	15.51	2.04	-110.1	19.38
1243	2.04	6.78	1066	15.57	1.38	-115.2	19.38

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
DPE-6	4 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 250ml amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITE SULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: _____

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: ML

Well ID: DPE-7
Well Diameter: 4 in.
Total Depth: 25.80 ft.
Depth to Water: 18.76 ft.
Date Monitored: 4-19-10

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

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: MG

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: 4/19/10 - 4/22/10 (inclusive)

City: **Seattle, WA** Sampler: A Lembrich

Well ID DPE-8

Well Diameter 4 in.

Total Depth 23.40 ft.

Depth to Water 12.08 ft.

Date Monitored:

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	
Discrete Bailer	
Peristaltic Pump	✓
QED Bladder Pump	
Other:	

Time Started: 1130 (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: 12.18 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): 1139 Weather Conditions: Rainy

Sample Time/Date: 1200 / 4/21/10 Water Color: Clear Odor: Y / (N)

Approx. Flow Rate: 0.6 gpm. Sediment Description: NA

Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.30

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm / µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1142	1.8	6.76	332	11.76	0.00	-123.6	12.25
1145	3.6	6.42	332	11.49	0.00	-141.9	12.32
1148	5.4	6.82	302	11.57	0.00	-131.9	12.32

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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: _____

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: 4/19-4/22/10 (inclusive)
City: Seattle, WA | Sampler: ML

Well ID: DPE-9
Well Diameter: 4 in.
Total Depth: 16.70 ft.
Depth to Water: 11.51 ft.
Date Monitored: 4-19-10

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
- Discrete Bailer
- 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: ____ gpm. Sediment Description: ____
Did well de-water? ____ If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: ____

Time (2400 hr.)	Volume (gal.)	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 amber	YES	HCL	LANCASTER	FERROUS IRON (SM 3500 Fe B)
	x 500ml poly	YES	NP	LANCASTER	ALKALINITY (2320B)
	x voa vial	YES	NP	LANCASTER	NITRATE/NITRITESULFATE (EPA 300.0)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL IRON/ MANGANESE (6010_
	x 500ml clear glass	YES	NaOH & ZnAc	LANCASTER	SULFIDE (SM20 4500 S2 D)

COMMENTS: NO PUMP IN WELL

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. #: 11260 Sample #: 591000495-006 SCR#:

Group# 1191398

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: OS Lead Consultant: SAICPC
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: Mike Lombard
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil ☐ Air ☐ Potable ☐ NPDES ☐	Total Number of Containers	Analyses Requested: BTEX + Naphth ☐ 8021 ☐ 8260 ☒	Alkalinity (2320B)	Oxygenates ___	TPH G ☒ NW	TPH D ☒ NW	Extended Rng. ☐ Silica Gel Cleanup ☒	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH HCID ☐ quantification	Nitrate/Nitrite/Sulfate (EPA 300.0)	Total Iron/Manganese (6010B)	SULFIDE (SM20 4500 S2 D)	Ferrous Iron (SM 3500 Fe B)
QA	4-21-10		X			X		2	X			X									
VP-4		1120	X			X		8	X			X	X								
MW-4		1440	X			X		14	X	X		X	X					X	X	X	X
MW-7		1235	X			X		14	X	X		X	X					X	X	X	X
MW-10		1335	X			X		14	X	X		X	X					X	X	X	X
MW-21		1010	X			X		14	X	X		X	X					X	X	X	X
MW-30		0840	X			X		14	X	X		X	X					X	X	X	X
MW-31		1015	X			X		14	X	X		X	X					X	X	X	X
MW-34		0905	X			X		14	X	X		X	X					X	X	X	X
DPE-3		1200	X			X		14	X	X		X	X					X	X	X	X
FB-3			X			X		6	X			X									
DUP-3			X			X		6	X			X									

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

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
	4-21-10	1630			
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:	4/22/10	900
Temperature Upon Receipt 1.7-4.5 C°			Custody Seals Intact? Yes No		

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Analysis Report

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

May 04, 2010

Project: 211577

Submittal Date: 04/22/2010
Group Number: 1191398
PO Number: 0015061199
Release Number: SKANCE
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
QA Water Sample	5960495
VP-4 Grab Water Sample	5960496
MW-4 Grab Water Sample	5960497
MW-7 Grab Water Sample	5960498
MW-10 Grab Water Sample	5960499
MW-21 Grab Water Sample	5960500
MW-30 Grab Water Sample	5960501
MW-31 Grab Water Sample	5960502
MW-34 Grab Water Sample	5960503
DPE-8 Grab Water Sample	5960504
FB-3 Grab Water Sample	5960505
DUP-3 Grab Water Sample	5960506

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: Cheryl Hansen

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Robert Strocko Jr.
Manager

Lancaster Laboratories
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Analysis Report

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

LLI Sample # WW 5960495
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANNQA

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	D101154AA	04/25/2010 22:02	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/25/2010 22:02	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/25/2010 22:41	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/25/2010 22:41	Elizabeth J Marin	1

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5960496
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 11:20 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANNV4

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	2	0.5	1
10943	Ethylbenzene	100-41-4	0.8	0.5	1
10943	Toluene	108-88-3	0.7	0.5	1
10943	Xylene (Total)	1330-20-7	6	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	640	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	13,000	600	20
02211	HRO C24-C40 w/Si Gel	n.a.	2,600	1,400	20

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	D101154AA	04/25/2010 23:56	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/25/2010 23:56	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/26/2010 04:08	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/26/2010 04:08	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 20:56	Glorines Suarez-Rivera	20
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1

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Analysis Report

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

LLI Sample # WW 5960497
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 14:40 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANNM4

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	550	5	10
10943	Ethylbenzene	100-41-4	8	0.5	1
10943	Toluene	108-88-3	3	0.5	1
10943	Xylene (Total)	1330-20-7	8	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	1,400	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	7,200	290	10
02211	HRO C24-C40 w/Si Gel	n.a.	680	670	10
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	876	52.2	1
07058	Manganese	7439-96-5	5,370	0.84	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	23,900	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	233,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	690	10	1
	SM20 4500 S2 D		ug/l	ug/l	
00230	Sulfide	18496-25-8	81	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5960497
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 14:40 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANNM4

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	D101154AA	04/26/2010 00:19	Florida A Cimino	1
10943	BTEX 8260B Water	SW-846 8260B	1	D101154AA	04/26/2010 00:41	Florida A Cimino	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 00:19	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D101154AA	04/26/2010 00:41	Florida A Cimino	10
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/26/2010 04:29	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/26/2010 04:29	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 18:31	Glorines Suarez-Rivera	10
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:31	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:31	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 20:10	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 20:10	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 20:10	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-7 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960498
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 12:35 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANNM7

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.	190	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	970	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	210	70	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	4,400	52.2	1
07058	Manganese	7439-96-5	311	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	3,300	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	23,700	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	112,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	1,200	50	5
	SM20 4500 S2 D		ug/l	ug/l	
00230	Sulfide	18496-25-8	140	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-7 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960498
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 12:35 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANNM7

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	D101154AA	04/26/2010 01:04	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 01:04	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/26/2010 04:51	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/26/2010 04:51	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 18:51	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:34	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:34	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:04	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:04	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 21:04	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	5
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

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

LLI Sample # WW 5960499
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 13:35 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANN10

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	73	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	1,410	52.2	1
07058	Manganese	7439-96-5	960	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	3,500	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	50,700	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	227,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	29	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

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

LLI Sample # WW 5960499
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 13:35 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

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ANN10

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	D101154AA	04/26/2010 01:27	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 01:27	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/26/2010 03:46	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/26/2010 03:46	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 15:43	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:37	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:37	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:22	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:22	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 21:22	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-21 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960500
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 10:10 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANN21

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	88	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.	67	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	38	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	70	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	7,320	52.2	1
07058	Manganese	7439-96-5	200	0.84	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	20,600	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	164,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	3,900	200	20
	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-21 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960500
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 10:10 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

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ANN21

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	D101154AA	04/26/2010 01:49	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 01:49	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A07A	04/26/2010 14:18	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A07A	04/26/2010 14:18	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 17:05	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:40	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:40	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:39	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:39	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 21:39	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	20
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-30 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960501
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 08:40 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
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San Ramon CA 94583

ANN30

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	71	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	1,830	52.2	1
07058	Manganese	7439-96-5	352	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	690	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	8,100	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	281,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	33	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

Sample Description: MW-30 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960501
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 08:40 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

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6001 Bollinger Canyon Road
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San Ramon CA 94583

ANN30

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	D101154AA	04/26/2010 02:12	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 02:12	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A07A	04/26/2010 10:33	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A07A	04/26/2010 10:33	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 16:04	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:42	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:42	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:57	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 21:57	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 21:57	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-31 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960502
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 10:15 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANN31

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	28	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	567	52.2	1
07058	Manganese	7439-96-5	10.1	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	340	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	57,300	1,500	5
		SM20 2320 B	ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	161,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
		SM20 3500 Fe B modified	ug/l	ug/l	
08344	Ferrous Iron	n.a.	55	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-31 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960502
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 10:15 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANN31

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	D101154AA	04/26/2010 02:35	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 02:35	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A07A	04/26/2010 11:00	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A07A	04/26/2010 11:00	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 16:24	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:45	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:45	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 22:15	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 22:15	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 22:15	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-34 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960503
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 09:05 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANN34

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	8,360	52.2	1
07058	Manganese	7439-96-5	175	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	9,900	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	23,400	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	99,600	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	37	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-34 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960503
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 09:05 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
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L4310
San Ramon CA 94583

ANN34

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	D101154AA	04/26/2010 02:57	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 02:57	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A07A	04/26/2010 11:26	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A07A	04/26/2010 11:26	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160025A	04/29/2010 16:44	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160025A	04/27/2010 10:00	Olivia Arosemena	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:48	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:48	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 22:33	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 22:33	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 22:33	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

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

LLI Sample # WW 5960504
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 12:00 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

ANND8

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	2	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.	88	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	2,000	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	510	70	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	2,370	52.2	1
07058	Manganese	7439-96-5	1,280	0.84	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	61,600	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	109,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	1,500	50	5
	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

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

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

LLI Sample # WW 5960504
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 12:00 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

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ANND8

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	D101154AA	04/26/2010 03:20	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 03:20	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A07A	04/26/2010 12:33	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A07A	04/26/2010 12:33	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101160030A	04/28/2010 18:35	Dustin A Underkoffler	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101160030A	04/27/2010 09:50	Karen R Rettew	1
01754	Iron	SW-846 6010B	1	101131848001	04/29/2010 00:51	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	101131848001	04/29/2010 00:51	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101131848001	04/25/2010 20:20	Annamaria Stipkovits	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 22:51	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196602A	04/22/2010 22:51	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196602A	04/22/2010 22:51	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	5
00230	Sulfide	SM20 4500 S2 D	1	10112023002A	04/22/2010 14:56	Geraldine C Smith	1

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Analysis Report

Sample Description: FB-3 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960505
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

Chevron
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ANNF3

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	D101154AA	04/26/2010 03:43	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 03:43	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A07A	04/25/2010 20:28	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A07A	04/25/2010 20:28	Elizabeth J Marin	1

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Analysis Report

Sample Description: DUP-3 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5960506
LLI Group # 1191398
Account # 11260

Project Name: 211577

Collected: 04/21/2010 by ML

Submitted: 04/22/2010 09:00
Reported: 05/04/2010 16:52
Discard: 06/04/2010

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San Ramon CA 94583

ANND3

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	D101154AA	04/26/2010 04:05	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101154AA	04/26/2010 04:05	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A07A	04/26/2010 12:59	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A07A	04/26/2010 12:59	Elizabeth J Marin	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 05/04/10 at 04:52 PM

Group Number: 1191398

Matrix QC may not be reported if 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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D101154AA	Sample number(s): 5960495-5960506							
Benzene	N.D.	0.5	ug/l	92		79-120		
Ethylbenzene	N.D.	0.5	ug/l	92		79-120		
Toluene	N.D.	0.5	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	ug/l	94		80-120		
Batch number: 10113A07A	Sample number(s): 5960500-5960506							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	91	91	75-135	0	30
Batch number: 10113A20A	Sample number(s): 5960495-5960499							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: 101160025A	Sample number(s): 5960496-5960503							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	81	83	50-100	2	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 101160030A	Sample number(s): 5960504							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	91	94	50-100	3	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 101131848001	Sample number(s): 5960497-5960504							
Iron	N.D.	52.2	ug/l	100		90-112		
Manganese	N.D.	0.84	ug/l	95		90-110		
Batch number: 10112196602A	Sample number(s): 5960497-5960504							
Nitrate Nitrogen	N.D.	50.	ug/l	103		90-110		
Nitrite Nitrogen	N.D.	80.	ug/l	106		90-110		
Sulfate	N.D.	300.	ug/l	102		89-110		
Batch number: 10112023002A	Sample number(s): 5960497-5960504							
Sulfide	N.D.	54.	ug/l	100		90-110		
Batch number: 10114834401A	Sample number(s): 5960497-5960504							
Ferrous Iron	N.D.	10.	ug/l	102		92-105		
Batch number: 10118020201B	Sample number(s): 5960497-5960504							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	100		98-103		

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

*- 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: 05/04/10 at 04:52 PM

Group Number: 1191398

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D101154AA	Sample number(s): 5960495-5960506 UNSPK: P960510								
Benzene	102	104	80-126	2	30				
Ethylbenzene	103	105	71-134	2	30				
Toluene	104	106	80-125	2	30				
Xylene (Total)	106	107	79-125	1	30				
Batch number: 10113A07A	Sample number(s): 5960500-5960506 UNSPK: P960833								
NWTPH-Gx water C7-C12	100		57-157						
Batch number: 10113A20A	Sample number(s): 5960495-5960499 UNSPK: P959377								
NWTPH-Gx water C7-C12	118	109	57-157	8	30				
Batch number: 101131848001	Sample number(s): 5960497-5960504 UNSPK: P960433 BKG: P960433								
Iron	100	100	75-125	0	20	N.D.	N.D.	0 (1)	20
Manganese	93	94	75-125	0	20	39.4	41.5	5	20
Batch number: 10112196602A	Sample number(s): 5960497-5960504 UNSPK: 5960497 BKG: 5960497								
Nitrate Nitrogen	101		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	98		90-110			N.D.	N.D.	0 (1)	20
Sulfate	100		90-110			23,900	24,400	2 (1)	20
Batch number: 10112023002A	Sample number(s): 5960497-5960504 UNSPK: 5960504 BKG: P959477								
Sulfide	106	106	69-133	0	18	1,100	1,100	1	7
Batch number: 10114834401A	Sample number(s): 5960497-5960504 UNSPK: P961891 BKG: P961891								
Ferrous Iron	93	94	66-130	1	6	25,300	24,500	3 (1)	10
Batch number: 10118020201B	Sample number(s): 5960497-5960504 UNSPK: P961682 BKG: P959089								
Alkalinity to pH 4.5	98	99	64-130	0	2	87,200	87,600	1	4
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4

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: D101154AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5960495	97	101	98	99
5960496	98	97	98	101
5960497	95	97	98	102
5960498	96	95	99	99
5960499	95	96	98	100
5960500	95	97	100	103
5960501	97	100	99	100
5960502	96	97	98	99
5960503	96	98	98	98
5960504	96	97	99	101
5960505	96	95	99	100
5960506	96	96	98	98
Blank	96	97	99	96
LCS	99	101	100	102

*- 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.

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 05/04/10 at 04:52 PM

Group Number: 1191398

Surrogate Quality Control

MS	98	101	99	102
MSD	99	99	99	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10113A07A

	Trifluorotoluene-F
5960500	110
5960501	99
5960502	98
5960503	98
5960504	101
5960505	102
5960506	99
Blank	102
LCS	110
LCSD	110
MS	109
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10113A20A

	Trifluorotoluene-F
5960495	83
5960496	88
5960497	101
5960498	85
5960499	86
Blank	85
LCS	103
LCSD	105
MS	117
MSD	130
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101160025A

	Orthoterphenyl
5960496	95
5960497	92
5960498	96
5960499	92
5960500	103
5960501	96
5960502	94
5960503	87
Blank	88
LCS	113
LCSD	114
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.

Quality Control Summary

Client Name: Chevron
Reported: 05/04/10 at 04:52 PM

Group Number: 1191398

Surrogate Quality Control

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101160030A

	Orthoterphenyl
5960504	113
Blank	111
LCS	120
LCSD	123
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.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< 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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

Acct. #: 11260 For Lancaster Laboratories use only Sample #: 5961889-97 SCR#: ______

Grp#1191633

Facility #: SS#211577-OML G-R#386765

Site Address: 631 Queen Anne North, SEATTLE, WA

Chevron PM: OS Lead Consultant: SAICPC

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: Mike Lombard

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 + MTBE 8021 ☐ 8260 ☒ Naphth ☐ (H)	8260 full scan / Alkalinity (2320B)	Oxygenates	NW TPH Gx (H)	NW TPH Dx ☐ Extended Rng. ☒ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH HCID ☐ quantification	Nitrate/Nitrite/Sulfate (EPA 300)	Total Iron/Manganese (6010B) (N)	Sulfide (SM20 4500 S2 D) (O)	Ferrous Iron (SM 3500 Fe B) (H)
QA	4-22-10		X			X		2	X			X								
MW-6	↓	0810	X			X		14	X	X		X	X				X	X	X	X
MW-9	↓	1140	X			X		14	X	X		X	X				X	X	X	X
MW-33	↓	0850	X			X		14	X	X		X	X				X	X	X	X
RW-2	↓	1010	X			X		8	X			X	X							
DPE-5	↓	1120	X			X		8	X			X	X							
DPE-6	↓	1300	X			X		8	X			X	X							
FB-1	↓		X			X		6	X			X								
DUP-1	↓		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 FIELD FILTERED

No DRO on MW-6. Both ambers were broken upon arrival at lab. fmp 4/28/10

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]	4-22-10	1630			
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: [signature]	4/23/10	900

Temperature Upon Receipt 2.9-4.3 C°

Custody Seals Intact? (Yes) No

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Analysis Report

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

May 05, 2010

Project: 211577

Submittal Date: 04/23/2010
Group Number: 1191633
PO Number: 0015061199
Release Number: SKANCE
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
QA Water Sample	5961889
MW-6 Grab Water Sample	5961890
MW-9 Grab Water Sample	5961891
MW-33 Grab Water Sample	5961892
RW-2 Grab Water Sample	5961893
DPE-5 Grab Water Sample	5961894
DPE-6 Grab Water Sample	5961895
FB-1 Grab Water Sample	5961896
DUP-1 Grab Water Sample	5961897

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: Cheryl Hansen

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5961889
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASTB

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	Z101174AA	04/27/2010 21:26	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101174AA	04/27/2010 21:26	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/26/2010 23:18	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/26/2010 23:18	Tyler O Griffin	1

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Analysis Report

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

LLI Sample # WW 5961890
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 08:10 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASM6

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	20	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	0.7	0.5	1
10943	Xylene (Total)	1330-20-7	0.6	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	630	50	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	33,600	52.2	1
07058	Manganese	7439-96-5	15,500	4.2	5
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	151,000	6,000	20
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	400,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	37,100	1,000	100
	SM20 4500 S2 D		ug/l	ug/l	
00230	Sulfide	18496-25-8	150	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.

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	Z101174AA	04/27/2010 21:52	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101174AA	04/27/2010 21:52	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 02:34	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 02:34	Tyler O Griffin	1
01754	Iron	SW-846 6010B	1	101171848003	04/28/2010 20:09	John P Hook	1

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Analysis Report

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

LLI Sample # WW 5961890
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 08:10 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASM6

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	2	101171848003	05/04/2010 15:12	John P Hook	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101171848003	04/27/2010 19:30	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10113196601B	04/23/2010 14:51	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10113196601B	04/23/2010 14:51	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10113196601B	04/24/2010 13:41	Ashley M Adams	20
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10119020201A	04/29/2010 12:36	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10119020201A	04/29/2010 12:36	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	100
00230	Sulfide	SM20 4500 S2 D	1	10118023001A	04/28/2010 14:14	Geraldine C Smith	1

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Analysis Report

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

LLI Sample # WW 5961891
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 11:40 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASM9

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.	130	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	1,200	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	190	71	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	25,900	52.2	1
07058	Manganese	7439-96-5	13,200	4.2	5
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	128,000	6,000	20
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	328,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	25,300	1,000	100
	SM20 4500 S2 D		ug/l	ug/l	
00230	Sulfide	18496-25-8	67	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

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

LLI Sample # WW 5961891
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 11:40 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QASM9

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	Z101173AA	04/27/2010 22:05	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101173AA	04/27/2010 22:05	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 02:55	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 02:55	Tyler O Griffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101170007A	04/29/2010 07:21	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101170007A	04/27/2010 15:00	Doreen K Robles	1
01754	Iron	SW-846 6010B	1	101171848003	04/28/2010 20:12	John P Hook	1
07058	Manganese	SW-846 6010B	2	101171848003	05/04/2010 15:15	John P Hook	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101171848003	04/27/2010 19:30	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10113196601B	04/23/2010 15:45	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10113196601B	04/23/2010 15:45	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10113196601B	04/24/2010 14:32	Ashley M Adams	20
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10119020201A	04/29/2010 12:36	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10119020201A	04/29/2010 12:36	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	100
00230	Sulfide	SM20 4500 S2 D	1	10118023001A	04/28/2010 14:14	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-33 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 5961892
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 08:50 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

QAS33

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	830	13	25
10943	Ethylbenzene	100-41-4	44	1	2.5
10943	Toluene	108-88-3	17	1	2.5
10943	Xylene (Total)	1330-20-7	20	1	2.5
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	790	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	270	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	72	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	4,650	52.2	1
07058	Manganese	7439-96-5	236	0.84	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	17,300	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	252,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	4,100	250	25
	SM20 4500 S2 D		ug/l	ug/l	
00230	Sulfide	18496-25-8	460	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-33 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 5961892
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 08:50 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
6001 Bollinger Canyon Road
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San Ramon CA 94583

QAS33

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	Z101173AA	04/27/2010 22:31	Florida A Cimino	2.5
10943	BTEX 8260B Water	SW-846 8260B	1	Z101173AA	04/27/2010 22:57	Florida A Cimino	25
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101173AA	04/27/2010 22:31	Florida A Cimino	2.5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Z101173AA	04/27/2010 22:57	Florida A Cimino	25
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 06:11	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 06:11	Tyler O Griffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101170008A	04/29/2010 10:03	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101170008A	04/27/2010 15:00	Doreen K Robles	1
01754	Iron	SW-846 6010B	1	101171848003	04/28/2010 20:16	John P Hook	1
07058	Manganese	SW-846 6010B	1	101171848003	04/28/2010 20:16	John P Hook	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101171848003	04/27/2010 19:30	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10113196601B	04/23/2010 16:03	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10113196601B	04/23/2010 16:03	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10113196601B	04/23/2010 16:03	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10119020201A	04/29/2010 12:36	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10119020201A	04/29/2010 12:36	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10114834401A	04/24/2010 07:20	Daniel S Smith	25
00230	Sulfide	SM20 4500 S2 D	1	10118023001A	04/28/2010 14:14	Geraldine C Smith	1

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Analysis Report

Sample Description: RW-2 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 5961893
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 10:10 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
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L4310
San Ramon CA 94583

QASR2

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	N.D.	0.5	1
10943	Toluene	108-88-3	0.7	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.	160	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	430	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	240	71	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	Z101173AA	04/27/2010 23:22	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101173AA	04/27/2010 23:22	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 03:17	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 03:17	Tyler O Griffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101170008A	04/29/2010 12:24	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101170008A	04/27/2010 15:00	Doreen K Robles	1

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Analysis Report

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

LLI Sample # WW 5961894
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 11:20 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

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QASD5

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	2	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	0.5	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	78	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	530	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	95	72	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	Z101173AA	04/27/2010 23:48	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101173AA	04/27/2010 23:48	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 03:39	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 03:39	Tyler O Griffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101170008A	04/29/2010 11:24	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101170008A	04/27/2010 15:00	Doreen K Robles	1

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Analysis Report

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

LLI Sample # WW 5961895
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 13:00 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

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QASD6

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	44	0.5	1
10943	Ethylbenzene	100-41-4	13	0.5	1
10943	Toluene	108-88-3	3	0.5	1
10943	Xylene (Total)	1330-20-7	13	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	680	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	10,000	310	10
02211	HRO C24-C40 w/Si Gel	n.a.	2,000	730	10

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	Z101173AA	04/28/2010 00:13	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101173AA	04/28/2010 00:13	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 04:01	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 04:01	Tyler O Griffin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101170008A	04/29/2010 20:36	Glorines Suarez-Rivera	10
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101170008A	04/27/2010 15:00	Doreen K Robles	1

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Analysis Report

Sample Description: FB-1 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 5961896
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

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QASFB

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	Z101173AA	04/27/2010 21:40	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101173AA	04/27/2010 21:40	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 00:02	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 00:02	Tyler O Griffin	1

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Analysis Report

Sample Description: DUP-1 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne N - Seattle, WA

LLI Sample # WW 5961897
LLI Group # 1191633
Account # 11260

Project Name: 211577

Collected: 04/22/2010 by ML

Submitted: 04/23/2010 09:00
Reported: 05/05/2010 12:40
Discard: 06/05/2010

Chevron
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San Ramon CA 94583

QASFD

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	24	0.5	1
10943	Ethylbenzene	100-41-4	0.6	0.5	1
10943	Toluene	108-88-3	0.9	0.5	1
10943	Xylene (Total)	1330-20-7	1	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	650	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	Z101173AA	04/28/2010 00:39	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101173AA	04/28/2010 00:39	Florida A Cimino	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10116C20A	04/27/2010 04:22	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10116C20A	04/27/2010 04:22	Tyler O Griffin	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 05/05/10 at 12:40 PM

Group Number: 1191633

Matrix QC may not be reported if 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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Z101173AA	Sample number(s): 5961891-5961897							
Benzene	N.D.	0.5	ug/l	89		79-120		
Ethylbenzene	N.D.	0.5	ug/l	91		79-120		
Toluene	N.D.	0.5	ug/l	90		79-120		
Xylene (Total)	N.D.	0.5	ug/l	91		80-120		
Batch number: Z101174AA	Sample number(s): 5961889-5961890							
Benzene	N.D.	0.5	ug/l	92		79-120		
Ethylbenzene	N.D.	0.5	ug/l	94		79-120		
Toluene	N.D.	0.5	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	ug/l	94		80-120		
Batch number: 10116C20A	Sample number(s): 5961889-5961897							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	118	109	75-135	8	30
Batch number: 101170007A	Sample number(s): 5961891							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	78	81	50-100	5	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 101170008A	Sample number(s): 5961892-5961895							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	75		50-100		
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 101171848003	Sample number(s): 5961890-5961892							
Iron	N.D.	52.2	ug/l	94		90-112		
Manganese	N.D.	0.84	ug/l	93		90-110		
Batch number: 10113196601B	Sample number(s): 5961890-5961892							
Nitrate Nitrogen	N.D.	50.	ug/l	105		90-110		
Nitrite Nitrogen	N.D.	80.	ug/l	107		90-110		
Sulfate	N.D.	300.	ug/l	99		89-110		
Batch number: 10114834401A	Sample number(s): 5961890-5961892							
Ferrous Iron	N.D.	10.	ug/l	102		92-105		
Batch number: 10118023001A	Sample number(s): 5961890-5961892							
Sulfide	N.D.	54.	ug/l	100		90-110		
Batch number: 10119020201A	Sample number(s): 5961890-5961892							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	99		98-103		

Sample Matrix Quality Control

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

Quality Control Summary

Client Name: Chevron
Group Number: 1191633
Reported: 05/05/10 at 12:40 PM
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: Z101173AA	Sample number(s): 5961891-5961897 UNSPK: P961933								
Benzene	85	98	80-126	14	30				
Ethylbenzene	88	101	71-134	13	30				
Toluene	87	98	80-125	12	30				
Xylene (Total)	87	100	79-125	14	30				
Batch number: Z101174AA	Sample number(s): 5961889-5961890 UNSPK: P960772								
Benzene	97	99	80-126	2	30				
Ethylbenzene	99	101	71-134	2	30				
Toluene	97	100	80-125	2	30				
Xylene (Total)	98	100	79-125	2	30				
Batch number: 10116C20A	Sample number(s): 5961889-5961897 UNSPK: P960841								
NWTPH-Gx water C7-C12	102		57-157						
Batch number: 101170008A	Sample number(s): 5961892-5961895 UNSPK: P961966								
DRO C12-C24 w/Si Gel	74	73	60-120	3	20				
Batch number: 101171848003	Sample number(s): 5961890-5961892 UNSPK: P961877 BKG: P961877								
Iron	93	93	75-125	0	20	272	264	3 (1)	20
Manganese	89 (2)	86 (2)	75-125	1	20	2,280	2,240	2	20
Batch number: 10113196601B	Sample number(s): 5961890-5961892 UNSPK: 5961890 BKG: 5961890								
Nitrate Nitrogen	108		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	106		90-110			N.D.	N.D.	0 (1)	20
Sulfate	95		90-110			151,000	150,000	0	20
Batch number: 10114834401A	Sample number(s): 5961890-5961892 UNSPK: 5961891 BKG: 5961891								
Ferrous Iron	93	94	66-130	1	6	25,300	24,500	3 (1)	10
Batch number: 10118023001A	Sample number(s): 5961890-5961892 UNSPK: P961682 BKG: P961682								
Sulfide	77	92	69-133	12	18	230	220	4 (1)	7
Batch number: 10119020201A	Sample number(s): 5961890-5961892 UNSPK: P963009 BKG: P963009								
Alkalinity to pH 4.5	91		64-130			45,000	44,800	0	4
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4

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: Z101173AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5961891	99	99	101	97
5961892	99	96	102	95
5961893	95	98	101	94
5961894	94	98	101	93
5961895	94	99	101	95

*- 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: 05/05/10 at 12:40 PM

Group Number: 1191633

Surrogate Quality Control

5961896	105	100	99	96
5961897	93	99	102	96
Blank	104	99	99	97
LCS	105	100	99	101
MS	103	98	99	102
MSD	103	98	99	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z101174AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5961889	105	94	100	98
5961890	104	94	99	105
Blank	105	94	101	98
LCS	103	96	99	100
MS	103	95	99	101
MSD	103	96	99	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10116C20A

	Trifluorotoluene-F
5961889	86
5961890	81
5961891	91
5961892	132
5961893	94
5961894	81
5961895	97
5961896	80
5961897	83
Blank	79
LCS	122
LCSD	103
MS	106
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101170007A

	Orthoterphenyl
5961891	112
Blank	100
LCS	109
LCSD	115
Limits:	50-150

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101170008A

	Orthoterphenyl
5961892	99

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

Quality Control Summary

Client Name: Chevron
Group Number: 1191633
Reported: 05/05/10 at 12:40 PM
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: Z101173AA	Sample number(s): 5961891-5961897 UNSPK: P961933								
Benzene	85	98	80-126	14	30				
Ethylbenzene	88	101	71-134	13	30				
Toluene	87	98	80-125	12	30				
Xylene (Total)	87	100	79-125	14	30				
Batch number: Z101174AA	Sample number(s): 5961889-5961890 UNSPK: P960772								
Benzene	97	99	80-126	2	30				
Ethylbenzene	99	101	71-134	2	30				
Toluene	97	100	80-125	2	30				
Xylene (Total)	98	100	79-125	2	30				
Batch number: 10116C20A	Sample number(s): 5961889-5961897 UNSPK: P960841								
NWTPH-Gx water C7-C12	102		57-157						
Batch number: 101170008A	Sample number(s): 5961892-5961895 UNSPK: P961966								
DRO C12-C24 w/Si Gel	74	73	60-120	3	20				
Batch number: 101171848003	Sample number(s): 5961890-5961892 UNSPK: P961877 BKG: P961877								
Iron	93	93	75-125	0	20	272	264	3 (1)	20
Manganese	89 (2)	86 (2)	75-125	1	20	2,280	2,240	2	20
Batch number: 10113196601B	Sample number(s): 5961890-5961892 UNSPK: 5961890 BKG: 5961890								
Nitrate Nitrogen	108		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	106		90-110			N.D.	N.D.	0 (1)	20
Sulfate	95		90-110			151,000	150,000	0	20
Batch number: 10114834401A	Sample number(s): 5961890-5961892 UNSPK: 5961891 BKG: 5961891								
Ferrous Iron	93	94	66-130	1	6	25,300	24,500	3 (1)	10
Batch number: 10118023001A	Sample number(s): 5961890-5961892 UNSPK: P961682 BKG: P961682								
Sulfide	77	92	69-133	12	18	230	220	4 (1)	7
Batch number: 10119020201A	Sample number(s): 5961890-5961892 UNSPK: P963009 BKG: P963009								
Alkalinity to pH 4.5	91		64-130			45,000	44,800	0	4
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4

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: Z101173AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5961891	99	99	101	97
5961892	99	96	102	95
5961893	95	98	101	94
5961894	94	98	101	93
5961895	94	99	101	95

*- 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: 05/05/10 at 12:40 PM

Group Number: 1191633

Surrogate Quality Control

5961896	105	100	99	96
5961897	93	99	102	96
Blank	104	99	99	97
LCS	105	100	99	101
MS	103	98	99	102
MSD	103	98	99	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z101174AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5961889	105	94	100	98
5961890	104	94	99	105
Blank	105	94	101	98
LCS	103	96	99	100
MS	103	95	99	101
MSD	103	96	99	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10116C20A

	Trifluorotoluene-F
5961889	86
5961890	81
5961891	91
5961892	132
5961893	94
5961894	81
5961895	97
5961896	80
5961897	83
Blank	79
LCS	122
LCSD	103
MS	106
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101170007A

	Orthoterphenyl
5961891	112
Blank	100
LCS	109
LCSD	115
Limits:	50-150

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101170008A

	Orthoterphenyl
5961892	99

*- 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.

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 05/05/10 at 12:40 PM

Group Number: 1191633

Surrogate Quality Control

5961893	118
5961894	117
5961895	123
Blank	108
LCS	102
MS	108
MSD	119
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.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< 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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

Acct. #: 11260 — For Lancaster Laboratories use only — Sample #: 5959081-93 — SCR#:

Group# 1191170

Facility #: SS#211577-OML G-R#386765
Site Address: 631 Queen Anne North, SEATTLE, WA
Chevron PM: OS — Lead Consultant: SAICPC
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: Mike L. Andrew L.
Service Order #: ____ ☐ Non SAR: ____

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

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Total Number of Containers	BTEX + Naphth ☐ 8021 ☐ 8260 X	Ferrous Iron (3500 Fe B)	Oxygenates	TPH G X	TPH D X ☐ Extended Rng. ☒ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	Alkalinity (2320B)	NWTPH H HCID ☐ quantification	Nitrate/Nitrite/Sulfate (EPA 300.0)	Total Iron/Manganese (6010B)	Sulfide (SM20 4500 S2 D)
QA	4-20-10		X		2	X			X							
MW-5		1310	X		14	X	X		X	X		X		X	X	X
MW-14		0940	X		14	X	X		X	X		X		X	X	X
MW-15		1105	X		14	X	X		X	X		X		X	X	X
MW-16		0840	X		14	X	X		X	X		X		X	X	X
MW-17		1040	X		14	X	X		X	X		X		X	X	X
MW-18		1200	X		14	X	X		X	X		X		X	X	X
MW-25		0840	X		14	X	X		X	X		X		X	X	X
MW-26		0940	X		14	X	X		X	X		X		X	X	X
MW-32		1150	X		8	X			X	X						
MW-35		1230	X		14	X	X		X	X		X		X	X	X
DUP-2			X		6	X			X							
FB-2	↓		X		6	X			X							

Comments / Remarks

FERROUS IRON SAMPLES HAVE BEEN FIELD FILTERED

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.

	Date	Time		Date	Time
Relinquished by:	4-20-10	1630	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by:	4/21/10	900

Temperature Upon Receipt ____ C° (3.3°C – 4.0°C) — Custody Seals Intact? Yes No

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Analysis Report

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

May 02, 2010

Project: 211577

Submittal Date: 04/21/2010
Group Number: 1191170
PO Number: 0015061199
Release Number: SKANCE
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
QA Water Sample	5959081
MW-5 Grab Water Sample	5959082
MW-14 Grab Water Sample	5959083
MW-15 Grab Water Sample	5959084
MW-16 Grab Water Sample	5959085
MW-17 Grab Water Sample	5959086
MW-18 Grab Water Sample	5959087
MW-25 Grab Water Sample	5959088
MW-26 Grab Water Sample	5959089
MW-32 Grab Water Sample	5959090
MW-35 Grab Water Sample	5959091
DUP-2 Grab Water Sample	5959092
FB-2 Grab Water Sample	5959093

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: Cheryl Hansen

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5959081
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

631QA

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	F101171AA	04/27/2010 11:45	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F101171AA	04/27/2010 11:45	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/22/2010 22:03	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/22/2010 22:03	Marie D John	1

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Analysis Report

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

LLI Sample # WW 5959082
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 13:10 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

631M5

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.	120	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	200	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	73	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	366	52.2	1
07058	Manganese	7439-96-5	1,740	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	4,700	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	73,300	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	69,500	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	130	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial# Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

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

LLI Sample # WW 5959082
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 13:10 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

631M5

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

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	F101171AA	04/27/2010 16:25	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F101171AA	04/27/2010 16:25	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/22/2010 23:40	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/22/2010 23:40	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 10:22	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848001	04/23/2010 10:41	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	101121848001	04/23/2010 10:41	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848001	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 05:43	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 05:43	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 05:43	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5959083
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 09:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63114

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	16	0.5	1
10943	Ethylbenzene	100-41-4	7	0.5	1
10943	Toluene	108-88-3	2	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.	1,600	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	3,200	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	350	71	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	8,080	52.2	1
07058	Manganese	7439-96-5	7,530	0.84	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	127,000	3,000	10
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	342,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	8,600	200	20
	SM20 4500 S2 D		ug/l	ug/l	
00230	Sulfide	18496-25-8	93	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

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

LLI Sample # WW 5959083
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 09:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

63114

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

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	F101171AA	04/27/2010 16:46	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F101171AA	04/27/2010 16:46	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 00:05	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 00:05	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 13:44	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848001	04/23/2010 10:46	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	101121848001	04/23/2010 10:46	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848001	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 06:36	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 06:36	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/23/2010 04:14	Ashley M Adams	10
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	20
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

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

LLI Sample # WW 5959084
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 11:05 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63115

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	N.D.	52.2	1
07058	Manganese	7439-96-5	7.2	0.84	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	3,100	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	45,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

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

LLI Sample # WW 5959084
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 11:05 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
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San Ramon CA 94583

63115

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	F101171AA	04/27/2010 17:08	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F101171AA	04/27/2010 17:08	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 00:29	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 00:29	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 10:42	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848001	04/23/2010 10:51	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	101121848001	04/23/2010 10:51	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848001	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 06:54	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 06:54	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 06:54	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

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

LLI Sample # WW 5959085
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 08:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63116

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	73	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	925	52.2	1
07058	Manganese	7439-96-5	1,630	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	7,900	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	22,300	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	58,100	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

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

LLI Sample # WW 5959085
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 08:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

63116

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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	D101132AA	04/23/2010 13:07	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 13:07	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 00:54	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 00:54	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 11:02	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848004	04/23/2010 11:37	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	101121848004	04/23/2010 11:37	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848004	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 07:12	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 07:12	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 07:12	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

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

LLI Sample # WW 5959086
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 10:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63117

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	71	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	1,150	52.2	1
07058	Manganese	7439-96-5	1,090	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	6,100	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	26,000	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	74,900	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5959086
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 10:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

63117

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San Ramon CA 94583

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	D101132AA	04/23/2010 10:29	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 10:29	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 01:18	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 01:18	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 11:22	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848004	04/23/2010 11:40	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	101121848004	04/23/2010 11:40	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848004	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 07:30	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 07:30	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 07:30	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-18 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959087
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 12:00 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63118

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	3	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.	91	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	1,000	32	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	75	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	420	52.2	1
07058	Manganese	7439-96-5	1,900	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	4,100	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	32,800	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	178,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	120	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-18 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959087
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 12:00 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

63118

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

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	D101132AA	04/23/2010 13:30	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 13:30	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 01:42	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 01:42	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 13:04	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848004	04/23/2010 11:49	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	101121848004	04/23/2010 11:49	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848004	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 07:48	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 07:48	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 07:48	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-25 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959088
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 08:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63125

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	540	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	93	73	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	N.D.	52.2	1
07058	Manganese	7439-96-5	1,280	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	1,600	250	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	28,600	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	180,000	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	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

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-25 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959088
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 08:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

63125

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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	D101132AA	04/23/2010 13:53	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 13:53	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 02:06	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 02:06	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 12:23	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848004	04/23/2010 11:52	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	101121848004	04/23/2010 11:52	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848004	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 08:06	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 08:06	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 08:06	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10117020201A	04/27/2010 12:31	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-26 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959089
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 09:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63126

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	41	32	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	74	1
Metals	**SW-846 6010B**		ug/l	ug/l	
01754	Iron	7439-89-6	N.D.	52.2	1
07058	Manganese	7439-96-5	48.4	0.84	1
Wet Chemistry	**EPA 300.0**		ug/l	ug/l	
00368	Nitrate Nitrogen	14797-55-8	17,700	500	10
01506	Nitrite Nitrogen	14797-65-0	N.D.	400	5
00228	Sulfate	14808-79-8	44,300	1,500	5
	SM20 2320 B		ug/l as CaCO3	ug/l as CaCO3	
00202	Alkalinity to pH 4.5	n.a.	87,200	460	1
00201	Alkalinity to pH 8.3	n.a.	N.D.	460	1
	SM20 3500 Fe B modified		ug/l	ug/l	
08344	Ferrous Iron	n.a.	12	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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-26 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959089
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 09:40 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

63126

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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	D101132AA	04/23/2010 14:15	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 14:15	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 02:31	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 02:31	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 11:43	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848004	04/23/2010 11:18	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	101121848004	04/23/2010 11:18	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848004	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 09:54	Ashley M Adams	10
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 08:24	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 08:24	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	1
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

Sample Description: MW-32 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959090
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 11:50 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63132

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 Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel	n.a.	N.D.	31	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	71	1

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	D101132AA	04/23/2010 14:38	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 14:38	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10112A53A	04/23/2010 02:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10112A53A	04/23/2010 02:55	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 13:24	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1

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Analysis Report

Sample Description: MW-35 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959091
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 12:30 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

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6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

63135

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	66	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 Extractable TPH w/Si Gel		**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	DRO C12-C24 w/Si Gel		n.a.	59	30	1
02211	HRO C24-C40 w/Si Gel		n.a.	N.D.	71	1
Metals		**SW-846 6010B**		ug/l	ug/l	
01754	Iron		7439-89-6	45,100	52.2	1
07058	Manganese		7439-96-5	2,230	0.84	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	46,500	1,500	5
00202	Alkalinity to pH 4.5	**SM20 2320 B**	n.a.	ug/l as CaCO3 200,000	ug/l as CaCO3 460	1
00201	Alkalinity to pH 8.3		n.a.	N.D.	460	1
08344	Ferrous Iron	**SM20 3500 Fe B modified**	n.a.	ug/l 4,600	ug/l 200	20
00230	Sulfide	**SM20 4500 S2 D**	18496-25-8	ug/l 400	ug/l 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.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: MW-35 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959091
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 12:30 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

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6001 Bollinger Canyon Road
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San Ramon CA 94583

63135

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	D101132AA	04/23/2010 15:01	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 15:01	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/26/2010 03:02	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/26/2010 03:02	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	101130007A	04/28/2010 12:03	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	101130007A	04/23/2010 15:00	Timothy J Attenberger	1
01754	Iron	SW-846 6010B	1	101121848004	04/23/2010 11:55	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	101121848004	04/23/2010 11:55	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	101121848004	04/22/2010 19:00	Mirit S Shenouda	1
00368	Nitrate Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 11:23	Ashley M Adams	5
01506	Nitrite Nitrogen	EPA 300.0	1	10112196601A	04/22/2010 11:23	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	10112196601A	04/22/2010 11:23	Ashley M Adams	5
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10118020201B	04/28/2010 11:42	Geraldine C Smith	1
08344	Ferrous Iron	SM20 3500 Fe B modified	1	10111834401A	04/21/2010 20:55	Daniel S Smith	20
00230	Sulfide	SM20 4500 S2 D	1	10111023001A	04/21/2010 15:59	Geraldine C Smith	1

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Analysis Report

Sample Description: DUP-2 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959092
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

631D2

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	D101132AA	04/23/2010 11:59	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 11:59	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/25/2010 23:03	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/25/2010 23:03	Elizabeth J Marin	1

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Analysis Report

Sample Description: FB-2 Grab Water Sample
Facility# 211577 Job# 386765
631 Queen Anne North - Seattle, WA

LLI Sample # WW 5959093
LLI Group # 1191170
Account # 11260

Project Name: 211577

Collected: 04/20/2010 by ML

Submitted: 04/21/2010 09:00
Reported: 05/02/2010 06:46
Discard: 06/02/2010

Chevron
6001 Bollinger Canyon Road
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San Ramon CA 94583

631F2

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	D101132AA	04/23/2010 11:36	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D101132AA	04/23/2010 11:36	Ginelle L Feister	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10113A20A	04/25/2010 21:58	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	10113A20A	04/25/2010 21:58	Elizabeth J Marin	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 05/02/10 at 06:46 AM

Group Number: 1191170

Matrix QC may not be reported if 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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D101132AA	Sample number(s): 5959085-5959093							
Benzene	N.D.	0.5	ug/l	93		79-120		
Ethylbenzene	N.D.	0.5	ug/l	94		79-120		
Toluene	N.D.	0.5	ug/l	95		79-120		
Xylene (Total)	N.D.	0.5	ug/l	96		80-120		
Batch number: F101171AA	Sample number(s): 5959081-5959084							
Benzene	N.D.	0.5	ug/l	110	108	79-120	2	30
Ethylbenzene	N.D.	0.5	ug/l	94	89	79-120	6	30
Toluene	N.D.	0.5	ug/l	95	93	79-120	2	30
Xylene (Total)	N.D.	0.5	ug/l	96	92	80-120	4	30
Batch number: 10112A53A	Sample number(s): 5959081-5959090							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	109	100	75-135	9	30
Batch number: 10113A20A	Sample number(s): 5959091-5959093							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: 101130007A	Sample number(s): 5959082-5959091							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	75	90	50-100	18	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 101121848001	Sample number(s): 5959082-5959084							
Iron	N.D.	52.2	ug/l	94		90-112		
Manganese	N.D.	0.84	ug/l	99		90-110		
Batch number: 101121848004	Sample number(s): 5959085-5959089,5959091							
Iron	N.D.	52.2	ug/l	94		90-112		
Manganese	N.D.	0.84	ug/l	98		90-110		
Batch number: 10112196601A	Sample number(s): 5959082-5959089,5959091							
Nitrate Nitrogen	N.D.	50.	ug/l	105		90-110		
Nitrite Nitrogen	N.D.	80.	ug/l	109		90-110		
Sulfate	N.D.	300.	ug/l	99		89-110		
Batch number: 10111023001A	Sample number(s): 5959082-5959089,5959091							
Sulfide	N.D.	54.	ug/l	98		90-110		
Batch number: 10111834401A	Sample number(s): 5959082-5959089,5959091							
Ferrous Iron	N.D.	10.	ug/l	99		92-105		
Batch number: 10117020201A	Sample number(s): 5959082-5959088							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	100		98-103		
Batch number: 10118020201B	Sample number(s): 5959089,5959091							
Alkalinity to pH 4.5	N.D.	460.	ug/l as CaCO3	100		98-103		

*- 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: 05/02/10 at 06:46 AM

Group Number: 1191170

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units CaCO3	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max

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: D101132AA	Sample number(s): 5959085-5959093 UNSPK: 5959086								
Benzene	112	110	80-126	2	30				
Ethylbenzene	109	107	71-134	2	30				
Toluene	111	109	80-125	2	30				
Xylene (Total)	112	109	79-125	3	30				
Batch number: F101171AA	Sample number(s): 5959081-5959084 UNSPK: P959040								
Benzene	116		80-126						
Ethylbenzene	89		71-134						
Toluene	93		80-125						
Xylene (Total)	93		79-125						
Batch number: 10112A53A	Sample number(s): 5959081-5959090 UNSPK: 5959085								
NWTPH-Gx water C7-C12	118		57-157						
Batch number: 10113A20A	Sample number(s): 5959091-5959093 UNSPK: P959377								
NWTPH-Gx water C7-C12	118	109	57-157	8	30				
Batch number: 101121848001	Sample number(s): 5959082-5959084 UNSPK: P959712 BKG: P959712								
Iron	99	99	75-125	0	20	N.D.	N.D.	0 (1)	20
Manganese	101	100	75-125	1	20	33.1	32.3	2	20
Batch number: 101121848004	Sample number(s): 5959085-5959089,5959091 UNSPK: 5959089 BKG: 5959089								
Iron	98	103	75-125	5	20	N.D.	N.D.	0 (1)	20
Manganese	98	97	75-125	0	20	48.4	47.3	2	20
Batch number: 10112196601A	Sample number(s): 5959082-5959089,5959091 UNSPK: 5959082 BKG: 5959082								
Nitrate Nitrogen	84*		90-110			4,700	4,600	2	20
Nitrite Nitrogen	86*		90-110			N.D.	N.D.	0 (1)	20
Sulfate	80*		90-110			73,300	71,900	2	20
Batch number: 10111023001A	Sample number(s): 5959082-5959089,5959091 UNSPK: P958955 BKG: P958801								
Sulfide	88	88	69-133	0	18	590	590	0 (1)	7
Batch number: 10111834401A	Sample number(s): 5959082-5959089,5959091 UNSPK: 5959091 BKG: 5959091								
Ferrous Iron	94	97	66-130	2	6	4,600	4,600	0 (1)	10
Batch number: 10117020201A	Sample number(s): 5959082-5959088 UNSPK: P960291 BKG: P960291								
Alkalinity to pH 4.5	95		64-130			161,000	162,000	0	4
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4
Batch number: 10118020201B	Sample number(s): 5959089,5959091 UNSPK: P961682 BKG: 5959089								
Alkalinity to pH 4.5	98	99	64-130	0	2	87,200	87,600	1	4

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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 05/02/10 at 06:46 AM

Group Number: 1191170

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
Alkalinity to pH 8.3						N.D.	N.D.	0 (1)	4

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: D101132AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5959085	97	97	99	98
5959086	97	97	99	99
5959087	94	95	99	99
5959088	96	98	98	98
5959089	96	98	99	98
5959090	95	97	99	98
5959091	94	96	99	98
5959092	96	99	98	98
5959093	95	96	100	98
Blank	98	95	99	99
LCS	97	97	99	98
MS	96	98	99	101
MSD	98	100	98	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F101171AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5959081	106	106	90	89
5959082	111	106	88	90
5959083	104	99	91	98
5959084	112	101	88	89
Blank	111	107	88	91
LCS	111	100	90	98
LCSD	107	104	91	99
MS	106	103	90	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10112A53A

	Trifluorotoluene-F
5959081	80
5959082	89
5959083	85
5959084	79

*- 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: 05/02/10 at 06:46 AM

Group Number: 1191170

Surrogate Quality Control

5959085	81
5959086	78
5959087	81
5959088	81
5959089	80
5959090	81
Blank	81
LCS	87
LCSD	90
MS	92
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10113A20A
Trifluorotoluene-F

5959091	89
5959092	81
5959093	91
Blank	85
LCS	103
LCSD	105
MS	117
MSD	130
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 101130007A
Orthoterphenyl

5959082	100
5959083	146
5959084	102
5959085	96
5959086	95
5959087	120
5959088	97
5959089	93
5959090	91
5959091	112
Blank	116
LCS	106
LCSD	126
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.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< 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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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