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Seattle

October 31, 2014

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Mr. Mark Horne
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, California 94583

Subject: **2014 Annual Groundwater Monitoring Report**
Former Chevron Service Station No. 95439
3876 Bridge Way North
Seattle, Washington

Dear: Mr. Horne:

Leidos Engineering, LLC (Leidos), formerly SAIC Energy, Environment & Infrastructure, LLC (SAIC), prepared this report on behalf of Chevron Environmental Management Company (CEMC) to document the 2014 annual groundwater monitoring event conducted at former Chevron Service Station No. 95439 (the site) in Seattle, Washington (Figure 1).

FIELD ACTIVITIES

Gettler-Ryan Inc. (Gettler-Ryan) conducted the annual groundwater monitoring event on April 2-3, 2014. Depth-to-groundwater measurements were collected and the presence of separate-phase hydrocarbons (SPH) was checked in 18 monitoring wells at the site (monitoring wells D-MW-5, D-MW-9, DEW-7, DEW-8, and MW-1 were inaccessible at the time of this event due to redevelopment activities underway on properties to the south of the former service station property). Groundwater samples were collected from 10 monitoring wells using low-flow purging and sampling techniques. Samples were submitted to Eurofins Lancaster Laboratories Environmental for the following analyses:

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

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

FINDINGS

During this event, groundwater elevation measurements from on-site monitoring wells ranged from 101.87 feet in monitoring well MW-2 to 95.84 feet in monitoring well DEW-5, based on an arbitrary benchmark elevation of 100.00 feet. Groundwater elevation data from this event indicate that groundwater flows toward the southeast at a gradient of approximately 0.04 to 0.08 feet per foot (Figure 2), and that the groundwater table elevation has increased an average of 0.27 feet since the previous monitoring event in April 2013.

SPH was detected in monitoring well DEW-6 at a thickness of 0.48 foot.

The following analytes were detected at concentrations exceeding their respective Model Toxics Control Act Method A cleanup levels:

- TPH-GRO was detected in monitoring wells D-GEO-1, D-MW-2, D-MW-7, DEW-2, DEW-3, and DEW-4;
- TPH-DRO was detected in monitoring well DEW-4;
- Benzene was detected in monitoring wells D-GEO-1, D-MW-2, D-MW-7, DEW-1, DEW-2, DEW-3 and DEW-4;
- Toluene was detected in monitoring well DEW-3;
- Ethylbenzene was detected in monitoring wells DEW-2, and DEW-3; and
- Total xylenes were detected in monitoring wells D-GEO-1, D-MW-2, DEW-2, DEW-3 and DEW-4.

Current and historical groundwater elevation data, SPH thickness data, and laboratory analytical results are summarized in Table 1. The laboratory analytical report is provided as Attachment B.

DISCUSSION

Groundwater monitoring results from this event are consistent with historical data for the site. Petroleum contaminated groundwater continues to be present in an area beginning near monitoring well D-MW-2 (in the vicinity of the former service station pump islands) and extending off of the former service station property to the south/southeast. Current and historical groundwater sampling results indicate that the dissolved-phase plume is stable.

Gettler-Ryan will continue to perform groundwater monitoring and sampling on an annual basis. The next groundwater monitoring and sampling event is scheduled for April 2015.

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

Sincerely,

Leidos Engineering, LLC

Julie Wartes
Project Scientist

Enclosures:

Figure 1 – Vicinity Map

Figure 2 – Potentiometric Map

Table 1 – Groundwater Monitoring Data and Analytical Results

Attachment A – Groundwater Monitoring and Sampling Data Package

Attachment B – Laboratory Analysis Report

cc: Mr. Robert Swackhamer – Ecology NW Region, Toxics Cleanup Program
Mr. Adam Simon – Real Assets Property Services, Inc.
Mr. Joshua Lipsky – Cascadia Law Group PLLC
Mr. David Nielsen – Colpitts Development
Mr. Richard Senseney – Colpitts Development
Ms. Lynn Manolopoulos – Davis Wright Tremaine LLP
Mr. John Kane – Kane Environmental Inc.
Project File

REPORT LIMITATIONS

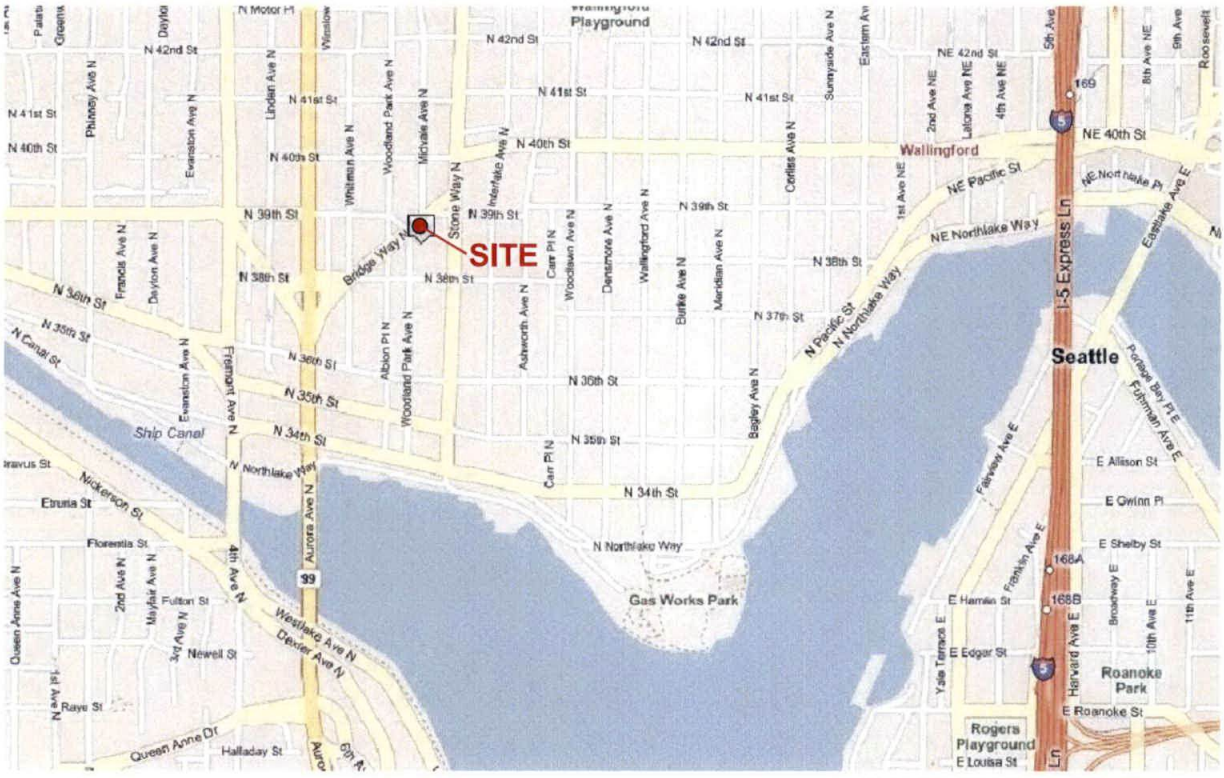
This technical document was prepared on behalf of CEMC and is intended for its sole use and for use by the local, state or federal regulatory agency that the technical document was sent to by Leidos. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges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

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

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

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

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



Maps Provided by Seattle.gov

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Former Chevron Service Station No. 95439 3876 Bridge Way North Seattle, Washington	FIGURE 1 Vicinity Map	
	FILE NAME: 9-5439 Vicinity Map.dwg	DATE: 6/11/2014

NORTH 39TH STREET

STONE WAY NORTH

BRIDGE WAY NORTH

WOODLAND PARK AVENUE NORTH

N

0' 15' 30'

3839 Stone Way North

3837 Stone Way North

3831 Stone Way North

3827 Stone Way North

3826 Woodland Park Ave North

3823 Stone Way North

3822 Woodland Park Ave North

3876 Bridge Way North

MW-1 UTA

MW-2 101.87

MW-3 100.46

MW-4 98.81

MW-5

D-MW-1 98.43

D-MW-2 101.15

D-MW-3 99.00

D-MW-4 97.24

D-MW-5

D-MW-6 97.66

D-MW-7 98.49

D-MW-8 96.53

D-MW-9

D-MW-10 99.10

D-GEO-1 96.80

DEW-1 97.69

DEW-2 97.77

DEW-3 97.47

DEW-4 96.66

DEW-5 95.84

DEW-6 96.77**

DEW-7

DEW-8

SG-GEO-1

SG-GEO-2

SG-GEO-3

SG-GEO-4

SG-GEO-5

SG-GEO-6

SG-GEO-7

SG-GEO-8

MW-5 MW-6 MW-7 MW-8 MW-9 MW-10 MW-11 MW-12 MW-13 MW-14 MW-15 MW-16 MW-17 MW-18 MW-19 MW-20 MW-21 MW-22 MW-23 MW-24 MW-25 MW-26 MW-27 MW-28 MW-29 MW-30 MW-31 MW-32 MW-33 MW-34 MW-35 MW-36 MW-37 MW-38 MW-39 MW-40 MW-41 MW-42

99.00 100.00 101.00 98.00 97.00 96.00

State of Washington
10/21/14
2633
Licensed Geologist
RUTH A. OTTEMAN

LEGEND

MW-1 ⌖	MONITORING WELL LOCATION
MW-15 ⌀	ABANDONED MONITORING WELL LOCATION
98.00 ——	GROUNDWATER CONTOUR ELEVATION AT 1 FOOT INTERVALS (DASHED WHERE INFERRED)
95.84	GROUNDWATER ELEVATION IN FEET BASED ON AN ARBITRARY BENCHMARK ELEVATION OF 100.00 FEET
96.77**	GROUNDWATER ELEVATION CORRECTED FOR THE PRESENCE OF SEPARATE-PHASE HYDROCARBONS (SPH)
⟵	APPROXIMATE GROUNDWATER FLOW DIRECTION AT A GRADIENT OF 0.04 to 0.08 FT/FT
▭	FORMER STRUCTURE/UST/SERVICE STATION FEATURES
UTA	UNABLE TO ACCESS

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Former Chevron Service Station
No. 95439
3876 Bridge Way North
Seattle, Washington

FIGURE 2
Potentiometric Map
(April 2 and 3, 2014)

FILE NAME	DATE
95439 Site Map.dwg	10/21/2014

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
D-MW-4																
02/17/03	109.72	--	--	--	--	ND	ND	**63,000**	**480**	**5,100**	**1,500**	**7,500**	<40	ND	ND	2
04/25/03	109.72	--	12.26	--	97.46	--	--	--	--	--	--	--	--	--	--	--
05/05/03	109.72	--	--	--	--	<400	<500	**27,000**	**280**	**2,600**	**820**	**4,000**	<50	<4.0	<5.0	2
03/29/04	109.72	--	12.35	--	97.37	--	--	--	--	--	--	--	--	--	--	--
10/22/04	109.72	--	12.92	--	96.80	--	--	--	--	--	--	--	--	--	--	--
09/22/05	109.72	--	13.57	--	96.15	--	--	--	--	--	--	--	--	--	--	--
09/28/06	109.73	--	13.12	--	96.61	--	--	--	--	--	--	--	--	--	--	--
09/10/07	109.73	--	13.31	--	96.42	--	--	--	--	--	--	--	--	--	--	--
10/08/07	109.73	--	13.31	--		--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	109.72	--	12.29	--	97.43	--	--	--	--	--	--	--	--	--	--	--
04/18/11	109.72	--	12.16	--	97.56	--	--	--	--	--	--	--	--	--	--	--
07/05/11	109.72	--	13.00	--	96.72	--	--	--	--	--	--	--	--	--	--	--
04/04/12	109.72	12.30	12.40	0.10	97.40	--	--	--	--	--	--	--	--	--	--	--
04/03/13	109.72	--	12.69	--	97.03	--	--	--	--	--	--	--	--	--	--	--
04/02/14	109.72	--	12.48	--	97.24	--	--	--	--	--	--	--	--	--	--	--
D-MW-5																
02/17/03	107.00	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/25/03	107.00	--	12.21	--	94.79	--	--	--	--	--	--	--	--	--	--	--
05/08/03	107.00	--	--	--	--	<84	<110	<50	<0.5	<0.5	<0.5	<1.5	<2.5	<0.8	<1.0	<1.2
05/8/03 (D)	107.00	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
03/29/04	107.00	--	12.32	--	94.68	--	--	--	--	--	--	--	--	--	--	--
10/20/04	107.00	--	13.46	--	93.54	--	--	--	--	--	--	--	--	--	--	--
09/22/05	107.00	--	13.88	--	93.12	--	--	--	--	--	--	--	--	--	--	--
09/28/06	107.00	--	13.60	--	93.40	--	--	--	--	--	--	--	--	--	--	--
09/10/07	107.00	--	13.75	--	93.25	--	--	--	--	--	--	--	--	--	--	--
10/08/07	107.00	--	13.82	--	93.18	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	107.00	--	12.29	--	94.71	--	--	--	--	--	--	--	--	--	--	--
04/18/11	107.00	--	12.16	--	94.84	--	--	--	--	--	--	--	--	--	--	--
07/05/11	107.00	--	13.26	--	93.74	--	--	--	--	--	--	--	--	--	--	--
04/03/12	107.00	--	11.95	--	95.05	--	--	--	--	--	--	--	--	--	--	--
04/03/13	107.00	--	--	--	--	NOT SAMPLED, WELL INACCESSABLE										
04/02/14	107.00	--	--	--	--	NOT SAMPLED, WELL INACCESSABLE										

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
D-MW-6																
03/24-29/04	109.57	--	11.82	--	97.75	**1,100**	<100	**79,000**	**900**	**1,800**	**2,500**	**12,900**	<5	<8	<10	5
03/24-29/04(D	109.57	--	11.82	--	97.75	**1,000**	ND	**83,000**	**910**	**1,800**	**2,500**	**12,400**	ND	<8	<10	4
03/24-29/04	109.57	--	11.82	--	97.75	**868**	<500	**67,200**	**1,200**	**2,300**	**2,500**	**13,400**	--	--	--	3
10/22-23/04	109.57	--	12.44	--	97.13	480	ND	**53,000**	**670**	870	**2,000**	**11,000**	--	--	--	--
09/22/05	109.57	--	13.11	--	96.46	--	--	--	--	--	--	--	--	--	--	--
10/27/05	109.57	--	--	--	--	**750**	ND	**47,000**	**440**	390	**1,200**	**6,000**	--	--	--	--
09/28/06	109.57	--	12.94	--	96.63	**1,300**	<210	**33,000**	**530**	840	**880**	**6,600**	--	--	--	--
09/10/07	109.57	--	12.78	--	96.79	--	--	--	--	--	--	--	--	--	--	--
10/08/07	109.57	--	12.53	--	97.04	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	109.57	--	11.78	--	97.79	--	--	--	--	--	--	--	--	--	--	--
04/18/11	109.57	--	11.67	--	97.90	--	--	--	--	--	--	--	--	--	--	--
07/05/11	109.57	--	12.50	--	97.07	--	--	--	--	--	--	--	--	--	--	--
04/04/12	109.57	--	11.75	--	97.82	--	--	--	--	--	--	--	--	--	--	--
04/03/13	109.57	--	12.18	--	97.39	--	--	--	--	--	--	--	--	--	--	--
04/02/14	109.57	--	11.91	--	97.66	--	--	--	--	--	--	--	--	--	--	--
D-MW-7																
03/24-29/04	109.73	--	11.20	--	98.53	**520**	<110	**42,000**	**190**	**3,100**	**890**	**5,400**	<200	<3	<4	<1.2
03/24-29/04	109.73	--	11.20	--	98.53	476	<500	**28,200**	**220**	**2,700**	**970**	**5,100**	--	--	--	< 1.0
10/22-23/04	109.73	--	11.82	--	97.91	**7,500**	**2,500**	**1,200**	**120**	190	9	97	--	--	--	--
09/22/05	109.73	--	12.41	--	97.32	--	--	--	--	--	--	--	--	--	--	--
10/27/05	109.73	--	13.11	--	96.62	ND	ND	**1,100**	**23**	59	4	52	--	--	--	--
09/28/06	109.73	--	12.70	--	97.03	<82	<100	**4,000**	**24**	280	130	640	--	--	--	--
09/10/07	109.73	12.11	12.13	0.02	97.62	--	--	--	--	--	--	--	--	--	--	--
10/08-10/07	109.73	--	12.24	--	97.49	<81	<100	**3,300**	**26**	180	66	540	--	--	--	--
04/05-06/10	109.73	--	11.30	--	98.43	**20,000**	**8,700**	**24,000**	**46**	410	**700**	**3,100**	--	--	--	--
04/19/11	109.73	11.04	11.05	0.01	98.69	**2,100**	**1,200**	**12,000**	**39**	530	370	**2,000**	--	--	--	--
07/05/11	109.73	11.79	11.82	0.03	97.93	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
04/04/12	109.73	--	11.15	--	98.58	150	<72	**6,600**	**42**	330	260	**1,100**	--	--	--	--
04/03/13	109.73	11.48	11.51	0.03	98.24	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
04/02/14	109.73		11.24	--	98.49	100	<66	**5,400**	**19**	46	230	540	--	--	--	--

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3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
D-MW-8																
03/29/04	109.85	--	13.27	--	96.58	**2,600**	290	**27,000**	**210**	740	610	**2,540**	<1	<2	<3	<1.2
03/29/04	109.85	--	13.27	--	96.58	**3,480**	<633	**23,300**	**190**	650	440	**2,030**	--	--	--	1
10/20-22/04	109.85	--	13.94	--	95.91	--	--	--	--	--	--	--	--	--	--	--
09/22/05	109.85	--	14.57	--	95.28	--	--	--	--	--	--	--	--	--	--	--
09/28/06	109.85	--	14.62	--	95.23	--	--	--	--	--	--	--	--	--	--	--
09/10/07	109.85	--	14.36	--	95.49	--	--	--	--	--	--	--	--	--	--	--
10/08/07	109.85	--	14.71	--	95.14	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	109.85	--	13.25	--	96.60	--	--	--	--	--	--	--	--	--	--	--
04/18/11	109.85	--	13.07	--	96.78	--	--	--	--	--	--	--	--	--	--	--
07/05/11	109.85	--	14.00	--	95.85	--	--	--	--	--	--	--	--	--	--	--
04/04/12	109.85	--	13.15	--	96.70	--	--	--	--	--	--	--	--	--	--	--
04/03/13	109.85	--	13.60	--	96.25	--	--	--	--	--	--	--	--	--	--	--
04/02/14	109.85	--	13.32	--	96.53	--	--	--	--	--	--	--	--	--	--	--
D-MW-9																
03/24-29/04	106.94	--	11.99	--	94.95	330	<99	**20,000**	**21**	350	200	**2,510**	<1	<2	<3	2
03/24-29/04	106.94	--	11.99	--	94.95	371	<500	**15,900**	<40	450	250	**3,520**	--	--	--	<1.0
10/22-23/04	106.94	--	12.86	--	94.08	230	ND	**11,000**	**41**	440	220	**1,400**	--	--	--	--
09/22/05	106.94	--	13.30	--	93.64	--	--	--	--	--	--	--	--	--	--	--
10/27/05	106.94	--	--	--	--	290	ND	**8,300**	**36**	360	190	**1,000**	--	--	--	--
05/10/06	106.94	--	--	--	--	**510**	--	**1,200**	**12**	140	50	290	<1	<1	<1	--
09/29/06	106.94	--	13.47	--	93.47	200	<100	**3,900**	**18**	170	110	470	--	--	--	--
09/10/07	106.94	--	13.14	--	93.80	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	106.94	--	13.28	--	93.66	310	<95	**1,900**	**10**	73	68	150	--	--	--	--
04/05-06/10	106.94	--	12.05	--	94.89	350	**610**	**2,400**	**7**	130	67	350	--	--	--	--
04/18/11	106.94	--	11.90	--	95.04	87	<72	**2,300**	**9**	99	120	310	--	--	--	--
07/06/11	106.94	--	12.68	--	94.26	73	<69	**1,200**	4	44	20	150	--	--	--	--
04/03/12	106.94	--	11.70	--	95.24	<29	<68	150	<0.5	8	2	19	--	--	--	--
04/03/13	106.94	--	12.28	--	94.66	<28	<66	**4,000**	**8**	200	140	650	--	--	--	--
04/02/14	106.94	--	--	--	--	NOT SAMPLED, WELL INACCESSABLE										

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TABLE 1
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FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
D-MW-10																
10/22-23/04	109.87	--	11.08	--	98.79	**17,000**	**17,000**	**3,200**	1	4	17	50	--	--	--	--
09/22/05	109.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/27/05	109.87	--	--	--	--	270	260	300	ND	ND	ND	2	--	--	--	--
9/28-29/06	109.87	--	12.42	--	97.45	390	**510**	320	1	1	1	5	--	--	--	--
10/09/07	109.87	--	11.22	--	98.65	<80	<100	150	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/05-06/10	109.87	--	10.55	--	99.32	--	--	--	--	--	--	--	--	--	--	--
04/18/11	109.87	--	INACCESSIBLE													
07/05/11	109.87	--	10.85	--	99.02	--	--	--	--	--	--	--	--	--	--	--
04/03/12	109.87	--	INACCESSIBLE													
04/03/13	109.87	--	10.54	--	99.33	--	--	--	--	--	--	--	--	--	--	--
04/02/14	109.87	--	10.77	--	99.10	--	--	--	--	--	--	--	--	--	--	--
DEW-1																
09/05/07	109.62	--	13.13	--	96.49	**740**	<100	**7,000**	**97**	45	230	660	--	--	--	--
10/08-10/07	109.62	--	12.39	--	97.23	**1,100**	<510	**12,000**	**110**	110	370	**1,500**	--	--	--	--
04/05-06/10	109.62	--	11.83	--	97.79	**500**	<69	**5,300**	**45**	43	280	560	--	--	--	--
04/19/11	109.62	--	11.70	--	97.92	410	<72	**1,400**	**23**	6	18	49	--	--	--	--
07/07/11	109.62	--	12.52	--	97.10	490	<71	**4,400**	**110**	34	120	330	--	--	--	--
04/04/12	109.62	--	11.75	--	97.87	160	<76	**1,200**	**48**	6	22	25	--	--	--	--
04/03/13	109.62	--	12.18	--	97.44	91	<66	**1,400**	**33**	6	5	55	--	--	--	--
04/03/14	109.62	--	11.93	--	97.69	41	<67	250	**7**	0.6	<0.5	5	--	--	--	--
DEW-2																
09/05/07	109.64	--	12.74	--	96.90	**610**	<100	**58,000**	**950**	**3,300**	**1,800**	**11,000**	--	--	--	--
10/08-10/07	109.64	--	12.70	--	96.94	<82	<100	**34,000**	**300**	**1,300**	460	**4,900**	--	--	--	--
04/05-06/10	109.64	--	11.79	--	97.85	**630**	<70	**42,000**	**380**	700	**1,900**	**5,700**	--	--	--	--
04/19/11	109.64	--	11.63	--	98.01	**960**	<75	**26,000**	**330**	350	**1,400**	**3,900**	--	--	--	--
07/07/11	109.64	--	12.47	--	97.17	**720**	<70	**5,900**	**140**	41	**700**	740	--	--	--	--
04/04/12	109.64	--	11.70	--	97.94	350	<71	**19,000**	**300**	310	**1,200**	**3,400**	--	--	--	--
04/03/13	109.64	--	12.13	--	97.51	**710**	71	**12,000**	**240**	71	**990**	**1,500**	--	--	--	--
04/03/14	109.64	--	11.87	--	97.77	200	<67	**17,000**	**210**	360	**820**	**2,600**	--	--	--	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
DEW-3																
09/05/07	109.75	--	13.13	--	96.62	**690**	<200	**55,000**	**1,500**	**3,300**	**1,800**	**9,100**	--	--	--	--
10/08-10/07	109.75	--	13.08	--	96.67	**930**	<100	**24,000**	**410**	**1,200**	580	**3,900**	--	--	--	--
04/05-06/10	109.75	--	12.15	--	97.60	**13,000**	**2,000**	**78,000**	**1,300**	**3,800**	**2,400**	**15,000**	--	--	--	--
04/18/11	109.75	12.05	12.07	0.02	97.70	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
07/05/11	109.75	12.84	12.88	0.04	96.90	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
04/04/12	109.75	--	12.10	--	97.65	340	<71	**60,000**	**770**	**1,600**	**2,200**	**13,000**	--	--	--	--
04/03/13	109.75	12.52	12.58	0.06	97.22	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
04/02/14	109.75	--	12.28	--	97.47	410	<67	**60,000**	**740**	**2,800**	**1,700**	**10,000**	--	--	--	--
DEW-4																
09/05/07	109.82	--	14.09	--	95.73	**720**	<95	**28,000**	**580**	**1,700**	**890**	**4,000**	--	--	--	--
10/08-10/07	109.82	--	14.22	--	95.60	**2,300**	<2,000	**9,300**	**210**	500	170	**1,300**	--	--	--	--
10/10/07 (D)	--	--	--	--	--	**2,000**	<1,000	**13,000**	**330**	780	240	**1,800**	--	--	--	--
04/05-06/10	109.82	--	13.16	--	96.66	**2,000**	<71	**30,000**	**520**	**1,200**	**1,100**	**4,000**	--	--	--	--
04/19/11	109.82	--	12.98	--	96.84	**1,000**	<73	**18,000**	**370**	970	**800**	**2,700**	--	--	--	--
07/07/11	109.82	--	13.46	--	96.36	**980**	<70	**21,000**	**450**	1,000	**870**	**3,300**	--	--	--	--
04/04/12	109.82	--	13.00	--	96.82	480	<67	**17,000**	**330**	800	**780**	**2,700**	--	--	--	--
04/03/13	109.82	--	13.40	--	96.42	220	<66	**18,000**	**400**	940	**930**	**3,100**	--	--	--	--
04/02/14	109.82	--	13.16	--	96.66	**590**	<67	**14,000**	**310**	640	690	**2,400**	--	--	--	--
DEW-5																
09/06/07	109.62	--	14.80	--	94.82	--	--	**7,200**	**92**	250	230	**1,100**	--	--	--	--
10/08-10/07	109.62	--	14.96	--	94.66	180	<100	**1,000**	**5**	5	5	110	--	--	--	--
04/05-06/10	109.62	--	13.81	--	95.81	--	--	--	--	--	--	--	--	--	--	--
04/18/11	109.62	--	13.93	--	95.69	--	--	--	--	--	--	--	--	--	--	--
07/05/11	109.62	--	14.37	--	95.25	--	--	--	--	--	--	--	--	--	--	--
04/04/12	109.62	--	13.60	--	96.02	--	--	--	--	--	--	--	--	--	--	--
04/03/13	109.62	--	14.04	--	95.58	--	--	--	--	--	--	--	--	--	--	--
04/02/14	109.62	--	13.78	--	95.84	--	--	--	--	--	--	--	--	--	--	--
DEW-6																
09/06/07	109.67	13.98	14.00	0.02	95.69	280	<100	**7,700**	**32**	250	190	**1,200**	--	--	--	--
10/08/07	109.67	14.12	14.20	0.08	95.53	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	109.67	12.89	13.66	0.77	96.63	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
04/18/11	109.67	12.59	13.69	1.10	96.86	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
07/05/11	109.67	13.35	14.47	1.12	96.10	NOT SAMPLED DUE TO THE PRESENCE OF SPH										

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FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
DEW-6 (cont.)																
04/04/12	109.67	12.65	13.20	0.55	96.91	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
04/03/13	109.67	12.99	13.86	0.87	96.51	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
04/02/14	109.67	12.80	13.28	0.48	96.77	NOT SAMPLED DUE TO THE PRESENCE OF SPH										
DEW-7																
09/06/07	106.72	--	13.51	--	93.21	<78	<98	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--
10/08-09/07	106.72	--	13.59	--	93.13	<81	<100	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/05-06/10	106.72	--	12.18	--	94.54	<30	<71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/18/11	106.72	--	11.93	--	94.79	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/11	106.72	--	13.03	--	93.69	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/04/12	106.72	--	11.70	--	95.02	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/03/13	106.72	--	--	--	--	NOT SAMPLED, WELL INACCESSABLE										
04/02/14	106.72	--	--	--	--	NOT SAMPLED, WELL INACCESSABLE										
DEW-8																
09/06/07	103.24	--	10.39	--	92.85	<81	<100	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--
10/08-09/07	103.24	--	10.50	--	92.74	<76	<95	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/05-06/10	103.24	--	8.73	--	94.51	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/18/11	103.24	--	8.61	--	94.63	<32	<74	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/11	103.24	--	9.86	--	93.38	<31	<73	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/04/12	103.24	--	8.30	--	94.94	<31	<72	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/03/13	103.24	--	9.30	--	93.94	<28	<66	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/02/14	103.24	--	--	--	--	NOT SAMPLED, WELL INACCESSABLE										
MW-1																
05/02/02	104.46	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--
04/24/03	104.46	--	6.57	--	97.89	--	--	--	--	--	--	--	--	--	--	--
03/29/04	104.46	--	6.72	--	97.74	--	--	--	--	--	--	--	--	--	--	--
10/15/04	104.46	--	--	--	--	--	--	<100	<1	<1	<1	<1	--	--	--	--
10/20/04	104.46	--	7.30	--	97.16	--	--	--	--	--	--	--	--	--	--	--
09/22/05	104.46	--	8.00	--	96.46	--	--	--	--	--	--	--	--	--	--	--
09/28/06	104.46	--	8.08	--	96.38	--	--	--	--	--	--	--	--	--	--	--
09/10/07	104.46	--	7.98	--	96.48	--	--	--	--	--	--	--	--	--	--	--
10/08/07	104.46	--	7.66	--	96.80	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	104.46	--	6.75	--	97.71	--	--	--	--	--	--	--	--	--	--	--
04/18/11	104.46	--	6.78	--	97.68	--	--	--	--	--	--	--	--	--	--	--
07/05/11	104.46	--	7.74	--	96.72	--	--	--	--	--	--	--	--	--	--	--

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3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-1 (cont.)																
04/04/12	104.46	--	6.25	--	98.21	--	--	--	--	--	--	--	--	--	--	--
04/03/13	104.46	--	7.20	--	97.26	--	--	--	--	--	--	--	--	--	--	--
04/02/14	104.46	--	--	--	--	NOT SAMPLED, WELL INACCESSABLE										
MW-2																
05/02/02	108.64	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--
04/24/03	108.64	--	6.06	--	102.58	--	--	--	--	--	--	--	--	--	--	--
03/29/04	108.64	--	6.79	--	101.85	--	--	--	--	--	--	--	--	--	--	--
10/20/04	108.64	--	6.81	--	101.83	--	--	--	--	--	--	--	--	--	--	--
09/22/05	108.64	--	7.42	--	101.22	--	--	--	--	--	--	--	--	--	--	--
09/28/06	108.64	--	7.34	--	101.30	--	--	--	--	--	--	--	--	--	--	--
10/08/07	108.64	--	7.12	--	101.52	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	108.64	--	6.52	--	102.12	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/18/11	108.64	--	6.86	--	101.78	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/11	108.64	--	7.11	--	101.53	<31	<73	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/04/12	108.64	--	6.75	--	101.89	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/03/13	108.64	--	6.92	--	101.72	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/02/14	108.64	--	6.77	--	101.87	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
MW-3																
05/02/02	108.98	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--
04/24/03	108.98	--	8.52	--	100.46	--	--	--	--	--	--	--	--	--	--	--
03/29/04	108.98	--	8.71	--	100.27	--	--	--	--	--	--	--	--	--	--	--
10/15-20/04[4]	108.98	--	9.08	--	99.90	--	--	<100	<1	<1	<1	<1	--	--	--	--
09/22/05	108.98	--	9.79	--	99.19	--	--	--	--	--	--	--	--	--	--	--
10/13/05	108.98	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--
09/28/06	108.98	--	9.63	--	99.35	--	--	--	--	--	--	--	--	--	--	--
09/10/07	108.98	--	9.54	--	99.44	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/08/07	108.98	--	9.36	--	99.62	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	108.98	--	8.72	--	100.26	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/18/11	108.98	--	8.52	--	100.46	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/11	108.98	--	9.17	--	99.81	<30	<70	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/04/12	108.98	--	8.50	--	100.48	<30	<69	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/03/13	108.98	--	8.88	--	100.10	<29	<68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/02/14	108.98	--	8.52	--	100.46	<29	<67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--

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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-4																
01/25/00	109.59	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--
05/02/02	109.59	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--
04/24/03	109.59	--	10.76	--	98.83	--	--	--	--	--	--	--	--	--	--	--
03/29/04	109.59	--	10.83	--	98.76	--	--	--	--	--	--	--	--	--	--	--
10/20/04	109.59	--	11.08	--	98.51	--	--	--	--	--	--	--	--	--	--	--
09/22/05	109.59	--	11.75	--	97.84	--	--	--	--	--	--	--	--	--	--	--
10/17/05	109.59	--	11.08	--	98.51	--	--	<50	<1	<1	<1	<3	--	--	--	--
09/28/06	109.59	--	11.62	--	97.97	--	--	--	--	--	--	--	--	--	--	--
09/10/07	109.59	--	11.60	--	97.99	--	--	--	--	--	--	--	--	--	--	--
10/08/07	109.59	--	11.46	--	98.13	--	--	--	--	--	--	--	--	--	--	--
04/05-06/10	109.59	--	10.70	--	98.89	--	--	--	--	--	--	--	--	--	--	--
04/18/11	109.59	--	10.60	--	98.99	--	--	--	--	--	--	--	--	--	--	--
07/05/11	109.59	--	11.25	--	98.34	--	--	--	--	--	--	--	--	--	--	--
04/03/12	109.59	--	10.55	--	99.04	--	--	--	--	--	--	--	--	--	--	--
04/03/13	109.59	--	11.26	--	98.33	--	--	--	--	--	--	--	--	--	--	--
04/02/14	109.59	--	10.78	--	98.81	--	--	--	--	--	--	--	--	--	--	--
MW-5																
01/25/00	106.14	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--
05/02/02	106.14	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--
04/24/03	106.14	--	11.78	--	94.36	--	--	--	--	--	--	--	--	--	--	--
03/29/04	106.14	--	11.83	--	94.31	--	--	--	--	--	--	--	--	--	--	--
10/17/05	106.14	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--
09/27/06	106.14	--	12.25	--	93.89	--	--	--	--	--	--	--	--	--	--	--
10/08/07	106.14	--	12.10	--	94.04	--	--	--	--	--	--	--	--	--	--	--
MW-6																
01/13/00	99.49	--	--	--	--	--	--	--	ND	ND	ND	ND	--	1.1	ND	--
05/16/02	99.49	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	<1	<1	--
04/24/03	99.49	--	9.71	--	89.78	--	--	--	--	--	--	--	--	--	--	--
05/07/03	99.49	--	--	--	--	<91	<110	<50	1	<0.5	<0.5	<1.5	<2.5	<0.8	<1.0	<1.2
03/29/04	99.49	--	9.89	--	89.60	--	--	--	--	--	--	--	--	--	--	--
09/24/04	99.49	--	10.12	--	89.37	--	--	--	--	--	--	--	--	--	--	--
10/18/04[4]	99.49	--	--	--	--	--	--	<100	<1	<1	<1	<1	--	--	--	--
09/23/05	99.49	--	10.38	--	89.11	--	--	--	--	--	--	--	--	--	--	--

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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-6 (cont.)																
10/13/05	99.49	--	13.38	--	86.11	--	--	<50	<1	<1	<1	<3	--	--	--	--
09/27/06	99.49	--	10.35	--	89.14	--	--	<100	<1	<1	<1	<3	--	--	--	--
09/10/07	99.49	--	10.33	--	89.16	--	--	--	--	--	--	--	--	--	--	--
10/08/07	99.49	--	10.28	--	89.21	--	--	--	--	--	--	--	--	--	--	--
07/06/11	99.49	--	10.32	--	89.17	--	--	--	--	--	--	--	--	--	--	--
MW-7																
01/13/00	100.93	--	--	--	--	--	--	--	**130**	15	48	26	--	**22**	**31**	--
04/24/03	100.93	--	7.93	--	93.00	--	--	--	--	--	--	--	--	--	--	--
05/08/03	100.93	--	--	--	--	<76	<95	70	**15**	<0.5	1	<1.5	--	**5**	**20**	--
03/29/04	100.93	--	7.95	--	92.98	--	--	--	--	--	--	--	--	--	--	--
09/23/05	100.93	--	8.34	--	92.59	--	--	--	--	--	--	--	--	--	--	--
09/27/06	100.93	--	8.35	--	92.58	--	--	--	--	--	--	--	--	--	--	--
09/10/07	100.93	--	8.34	--	92.59	--	--	--	--	--	--	--	--	--	--	--
10/08/07	100.93	--	8.06	--	92.87	--	--	--	--	--	--	--	--	--	--	--
07/06/11	100.93	--	8.15	--	92.78	--	--	--	--	--	--	--	--	--	--	--
MW-8																
01/13/00	100.94	--	--	--	--	--	--	--	**330**	32	ND	150	--	ND	ND	--
05/16/02	100.94	--	--	--	--	**690**	<250	**2,800**	**240**	41	300	60	--	<1	<1	--
04/24/03	100.94	--	7.64	--	93.30	--	--	--	--	--	--	--	--	--	--	--
05/07/03	100.94	--	--	--	--	250	<100	**2,400**	**190**	27	220	29	<50	1	**5**	<1.2
03/29/04	100.94	--	7.64	--	93.30	--	--	--	--	--	--	--	--	--	--	--
10/18/04	100.94	--	7.72	--	93.22	--	--	330	**82**	7	54	5	--	--	--	--
10/18/04 (D)	100.94	--	7.72	--	93.22	--	--	350	--	--	--	--	--	--	--	--
09/23/05	100.94	--	7.95	--	92.99	--	--	--	--	--	--	--	--	--	--	--
10/13/05	100.94	--	--	--	--	--	--	**1,000**	**140**	9	86	6	--	--	--	--
09/27/06	100.94	--	7.94	--	93.00	--	--	350	**44**	5	26	3	--	--	--	--
09/10/07	100.94	--	8.02	--	92.92	--	--	--	--	--	--	--	--	--	--	--
10/08/07	100.94	--	7.79	--	93.15	--	--	--	--	--	--	--	--	--	--	--
07/06/11	100.94	--	7.85	--	93.09	--	--	--	--	--	--	--	--	--	--	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-9																
01/13/00	100.99	--	--	--	--	--	--	--	**22**	1	4	7	--	**27**	**11**	--
05/28/02	100.99	--	--	--	--	<50	<250	530	**5**	13	4	29	<1	**28**	**19**	--
04/24/03	100.99	--	6.64	--	94.35	--	--	--	--	--	--	--	--	--	--	--
05/07/03	100.99	--	--	--	--	<80	<100	80	<5.0	<0.5	<0.5	<1.5	<10	**25**	**18**	<1.2
03/29/04	100.99	--	6.74	--	94.25	--	--	--	--	--	--	--	--	--	--	--
09/23/05	100.99	--	7.41	--	93.58	--	--	--	--	--	--	--	--	--	--	--
09/27/06	100.99	--	7.41	--	93.58	--	--	--	--	--	--	--	--	--	--	--
09/10/07	100.99	--	7.68	--	93.31	--	--	--	--	--	--	--	--	--	--	--
10/08/07	100.99	--	7.03	--	93.96	<76	<95	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**31**	**26**	--
07/06/11	100.99	--	7.26	--	93.73	--	--	--	--	--	--	--	--	--	--	--
MW-10																
01/24/00	100.64	--	--	--	--	--	--	--	**20**	1	ND	2	--	**200**	**51**	--
05/16/02	100.64	--	--	--	--	70	<250	**900**	**130**	2	20	1	--	3	**6**	--
04/24/03	100.64	--	7.81	--	92.83	--	--	--	--	--	--	--	--	--	--	--
05/08/03	100.64	--	--	--	--	<81	<100	400	**72**	6	6	12	<20	**29**	**12**	<1.2
03/29/04	100.64	--	7.19	--	93.45	--	--	--	--	--	--	--	--	--	--	--
10/15-18/04[4]	100.64	--	7.18	--	93.46	ND	ND	ND	**29**	1	4	1	ND	**23**	**6**	--
09/23/05	100.64	--	7.77	--	92.87	--	--	--	--	--	--	--	--	--	--	--
10/12/05	100.64	--	--	--	--	<130	<250	78	**16**	<2	2	<2	--	**21**	7	--
09/27/06	100.64	--	7.80	--	92.84	130	<250	170	**11**	1	2	<3	--	**19**	**6**	--
10/08-09/07	100.64	--	7.43	--	93.21	<87	<110	51	2	<0.5	<0.5	<0.5	<0.5	**42**	**9**	--
07/06/11	100.64	--	7.52	--	93.12	<130	<250	<50	<1	<1	<1	<3	--	**14**	3.5	--
MW-11																
01/13/00	100.82	--	--	--	--	--	--	**1,000**	**300**	22	ND	720	--	**6**	ND	--
05/22/02	100.82	--	--	--	--	--	--	--	**270**	160	430	831	--	<1	<1	--
04/24/03	100.82	--	6.27	--	94.55	--	--	--	--	--	--	--	--	--	--	--
05/08/03	100.82	--	--	--	--	160	<100	**5,100**	**290**	85	360	370	<50	**19**	**8**	<1.2
05/8/03 (D)	100.82	--	--	--	--	140	ND	**4,300**	**290**	82	310	370	ND	**22**	**8**	ND
05/08/03[4]	100.82	--	--	--	--	<280	<450	**5,700**	**340**	99	410	475	<20	--	--	<1.0
03/29/04	100.82	--	6.40	--	94.42	--	--	--	--	--	--	--	--	--	--	--
09/23/05	100.82	--	7.14	--	93.68	--	--	--	--	--	--	--	--	--	--	--
09/27/06	100.82	--	7.10	--	93.72	--	--	--	--	--	--	--	--	--	--	--
WELL DECOMMISSIONED IN SEPTEMBER 2007						--	--	--	--	--	--	--	--	--	--	--

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FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-12																
09/23/05	101.24	--	7.50	--	93.74	WELL DRY - INSUFFICIENT WATER TO SAMPLE					--	--	--	--	--	--
09/10/07	101.24	--	7.42	--	93.82	WELL DRY - INSUFFICIENT WATER TO SAMPLE					--	--	--	--	--	--
10/08/07	101.24	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.24	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13																
01/13/00	100.87	--	--	--	--	--	--	--	**27**	3	ND	22	--	**1,700**	**19**	--
05/22/02	100.87	--	--	--	--	--	--	--	<1	<1	<1	<1	--	**930**	**29**	--
04/24/03	100.87	--	6.25	--	94.62	--	--	--	--	--	--	--	--	--	--	--
05/08/03	100.87	--	--	--	--	<76	<95	300	<0.5	<0.5	<0.5	<1.5	<2.5	**450**	**16**	<1.2
05/08/03[4]	100.87	--	--	--	--	<250	<400	610	<1.0	<1.0	<1.0	<1.0	<10	--	--	<1.0
03/29/04	100.87	--	6.45	--	94.42	--	--	--	--	--	--	--	--	--	--	--
10/15-18/04[4]	100.87	--	6.70	--	94.17	--	--	<100	<1	<1	<1	<1	<1	**740**	**19**	--
09/23/05	100.87	--	7.24	--	93.63	--	--	--	--	--	--	--	--	--	--	--
10/12/05	100.87	--	--	--	--	--	--	<50	<2	<2	<2	<2	<2	**1,000**	**34**	--
09/28/06	100.87	--	7.25	--	93.62	--	--	510	<1	<1	<1	<3	--	**1,400**	**41**	--
WELL DECOMMISSIONED IN SEPTEMBER 2007						--	--	--	--	--	--	--	--	--	--	--
MW-14																
01/13/00	101.33	--	--	--	--	--	--	--	**56**	17	ND	68	--	**390**	**32**	--
05/22/02	101.33	--	--	--	--	--	--	--	<1	<1	1	2	--	**710**	**69**	--
04/24/03	101.33	--	6.74	--	94.59	--	--	--	--	--	--	--	--	--	--	--
05/07/03	101.33	--	--	--	--	<81	<100	500	<0.5	<0.5	<0.5	<1.5	<2.5	**660**	**86**	<1.2
03/29/04	101.33	--	6.89	--	94.44	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.33	--	7.64	--	93.69	--	--	--	--	--	--	--	--	--	--	--
09/27/06	101.33	--	7.65	--	93.68	--	--	--	--	--	--	--	--	--	--	--
WELL DECOMMISSIONED IN SEPTEMBER 2007						--	--	--	--	--	--	--	--	--	--	--
MW-15																
01/13/00	101.15	--	--	--	--	--	--	--	**380**	68	ND	860	--	**130**	**11**	--
05/16/02	101.15	--	--	--	--	**530**	<250	**5,000**	**340**	380	280	490	--	**170**	4	--
04/24/03	101.15	--	6.52	--	94.63	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.15	--	--	--	--	<80	<100	**2,600**	**160**	26	140	160	<50	**100**	**11**	<1.2
05/08/03[4]	101.15	--	--	--	--	<260	<410	**3,100**	**230**	36	160	204	<10	--	--	<1.0
03/29/04	101.15	--	6.71	--	94.44	--	--	--	--	--	--	--	--	--	--	--
10/15-18/04[4]	101.15	--	7.08	--	94.07	--	--	<100	3	<1	<1	<1	<1	**860**	**5**	--
09/23/05	101.15	--	7.49	--	93.66	--	--	--	--	--	--	--	--	--	--	--

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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-15 (cont.)																
10/12/05	101.15	--	--	--	--	--	--	560	**83**	12	37	4	<2	**510**	**11**	--
05/10/06	101.15	--	--	--	--	<50	--	540	1	<1	<1	<2	<1	**1,200**	**52**	--
09/27/06	101.15	--	7.52	--	93.63	68	<250	630	**28**	10	16	17	--	**920**	**9**	--
WELL DECOMMISSIONED IN SEPTEMBER 2007						--	--	--	--	--	--	--	--	--	--	--
MW-16																
01/13/00	100.77	--	--	--	--	--	--	--	**240**	28	ND	540	--	**90**	**22**	--
05/22/02	100.77	--	--	--	--	--	--	--	**300**	58	220	436	--	**160**	**8**	--
04/24/03	100.77	--	6.22	--	94.55	--	--	--	--	--	--	--	--	--	--	--
05/08/03	100.77	--	--	--	--	<80	<100	**1,200**	**100**	17	51	80	<0.5	**460**	4	<1.2
05/08/03[4]	100.77	--	--	--	--	<270	<430	**1,400**	**94**	14	41	73	<10	--	--	<1.0
03/29/04	100.77	--	6.33	--	94.44	--	--	--	--	--	--	--	--	--	--	--
09/23/05	100.77	--	7.09	--	93.68	--	--	--	--	--	--	--	--	--	--	--
09/27/06	100.77	--	7.15	--	93.62	--	--	--	--	--	--	--	--	--	--	--
09/10/07	100.77	--	7.19	--	93.58	--	--	--	--	--	--	--	--	--	--	--
10/08/07	100.77	--	6.72	--	94.05	<75	<94	190	0.9	<0.5	<0.5	<0.5	<0.5	**290**	1	--
07/06/11	100.77	--	6.86	--	93.91	--	--	--	--	--	--	--	--	--	--	--
MW-17																
01/13/00	101.36	--	--	--	--	--	--	--	ND	ND	ND	ND	--	**340**	ND	--
05/22/02	101.36	--	--	--	--	--	--	--	<1	<1	<1	<1	--	**350**	1	--
04/24/03	101.36	--	6.77	--	94.59	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.36	--	--	--	--	96	<95	200	<0.5	<0.5	<0.5	<1.5	<2.5	**280**	<1.0	<1.2
05/08/03[4]	101.36	--	--	--	--	<250	<400	410	<1.0	<1.0	<1.0	<1.0	<10	--	--	<1.0
03/29/04	101.36	--	6.88	--	94.48	--	--	--	--	--	--	--	--	--	--	--
10/15-18/04[4]	101.36	--	7.25	--	94.11	--	--	<100	<1	<1	<1	<1	<1	**480**	3	--
09/23/05	101.36	--	7.59	--	93.77	--	--	--	--	--	--	--	--	--	--	--
10/12/05	101.36	--	--	--	--	--	--	<50	<2	<2	<2	11	<2	**430**	<2	--
09/27/06	101.36	--	7.70	--	93.66	--	--	210	<1	<1	<1	<3	--	**730**	2	--
09/10/07	101.36	--	7.70	--	93.66	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.36	--	7.27	--	94.09	<75	<94	260	<0.5	<0.5	<0.5	<0.5	<0.5	**370**	2	--
07/06/11	101.36	--	7.35	--	94.01	<130	<250	130	<1	<1	<1	<3	--	**320**	<2	--

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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-18																
01/22/00	101.34	--	--	--	--	--	--	--	**380**	64	ND	**2,900**	--	ND	ND	--
04/24/03	101.34	--	6.78	--	94.56	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.34	--	--	--	--	340	<97	**17,000**	**630**	240	**760**	**2,100**	<50	2	<1.0	<1.2
03/29/04	101.34	--	6.88	--	94.46	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.34	--	7.54	--	93.80	--	--	--	--	--	--	--	--	--	--	--
09/27/06	101.34	--	7.48	--	93.86	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.34	--	7.64	--	93.70	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.34	--	7.25	--	94.09	390	<100	**8,200**	**550**	240	470	810	<0.5	<0.8	<1	--
07/06/11	101.34	--	7.33	--	94.01	200	270	**2,700**	**370**	36	74	230	--	<2	<2	--
MW-19																
05/16/02	101.41	--	--	--	--	**5,700**	<250	**35,000**	**2,300**	**3,700**	**3,700**	**16,000**	--	<100	<100	--
04/24/03	101.41	--	6.90	--	94.51	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.41	--	--	--	--	**1,100**	200	**51,000**	**1,000**	**1,200**	**1,600**	**8,500**	<200	<4.0	<5.0	8
05/8/03 (D)	101.41	--	--	--	--	**1,500**	330	**51,000**	**1,100**	**1,300**	**1,600**	**8,500**	<100	ND	ND	8
03/29/04	101.41	--	7.01	--	94.40	--	--	--	--	--	--	--	--	--	--	--
10/15-18/04[4]	101.41	--	4.35	--	97.06	<200	<500	**25,000**	**1,400**	**1,700**	**2,600**	**9,200**	--	--	--	--
09/23/05	101.41	--	7.62	--	93.79	--	--	--	--	--	--	--	--	--	--	--
10/12/05	101.41	--	--	--	--	<1,300	**670**	**48,000**	**50**	**1,000**	**2,300**	**7,500**	--	--	--	--
09/28/06	101.41	--	7.60	--	93.81	**3,300**	<250	**33,000**	**990**	830	**1,900**	**6,000**	--	--	--	--
09/10/07	101.41	--	7.73	--	93.68	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	101.41	--	7.34	--	94.07	**580**	<94	**34,000**	**850**	**1,200**	**1,800**	**4,900**	--	--	--	--
07/06/11	101.41	--	7.45	--	93.96	--	--	--	--	--	--	--	--	--	--	--
MW-20																
04/24/03	101.66	--	6.94	--	94.72	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.66	--	--	--	--	**43,000**	<9,900	**30,000**	**100**	520	320	**2,700**	<0.5	<0.8	<1.0	**349**
05/08/03[4]	101.66	--	--	--	--	<260	<420	**25,000**	**140**	650	370	**3,100**	<50	--	--	**330**
03/29/04	101.66	--	7.03	--	94.63	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.66	--	7.70	--	93.96	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.66	--	7.76	--	93.90	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.66	--	7.42	--	94.24	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.66	--	7.50	--	94.16	--	--	--	--	--	--	--	--	--	--	--

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Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-21																
01/22/00	101.11	--	--	--	--	--	--	--	**15**	7	ND	140	--	**220**	1	--
05/28/02	101.11	--	--	--	--	--	--	--	**38**	1	<1	1	--	**260**	2	--
04/24/03	101.11	--	6.51	--	94.60	--	--	--	--	--	--	--	--	--	--	--
05/07/03	101.11	--	--	--	--	<81	<100	200	**26**	1	<0.5	2	<0.5	240	2	<1.2
03/29/04	101.11	--	6.63	--	94.48	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.11	--	7.34	--	93.77	--	--	--	--	--	--	--	--	--	--	--
09/27/06	101.11	--	7.40	--	93.71	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.11	--	7.44	--	93.67	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.11	--	7.03	--	94.08	<80	<100	190	**11**	<0.5	<0.5	<0.5	<0.5	**290**	2	--
07/06/11	101.11	--	7.13	--	93.98	--	--	--	--	--	--	--	--	--	--	--
MW-22																
01/22/00	101.16	--	--	--	--	--	--	--	**600**	**2,500**	**840**	**3,800**	--	**10**	ND	--
05/28/02	101.16	--	--	--	--	370	<250	**1,900**	**160**	30	50	154	--	**490**	**8**	--
04/24/03	101.16	--	6.60	--	94.56	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.16	--	--	--	--	<80	<100	**11,000**	**310**	730	420	**1,400**	<0.5	**290**	**8**	<1.2
05/08/03[4]	101.16	--	--	--	--	<270	<430	**10,000**	**280**	620	350	**1,200**	<50	--	--	<1.0
03/29/04	101.16	--	6.71	--	94.45	--	--	--	--	--	--	--	--	--	--	--
10/15-18/04[4]	101.16	--	7.15	--	94.01	--	--	**2,800**	**190**	87	210	550	<1	**260**	**8**	--
10/12/05	101.16	--	--	--	--	--	--	**3,100**	**130**	87	140	535	<2	**380**	<2	--
09/27/06	101.16	--	7.50	--	93.66	--	--	**2,200**	**79**	58	117	350	--	**630**	**9**	--
09/10/07	101.16	--	7.58	--	93.58	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.16	INACCESSIBLE-SVE SYSTEM PARKED OVER WELL						--	--	--	--	--	--	--	--	--
07/06/11	101.16	--	7.24	--	93.92	--	--	--	--	--	--	--	--	--	--	--
MW-23																
05/28/02	101.25	--	--	--	--	**3,000**	<250	**27,000**	**990**	**3,100**	**1,900**	**7,800**	<1	**11**	1	--
04/24/03	101.25	--	6.12	--	95.13	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.25	--	--	--	--	380	<100	**40,000**	**670**	**1,700**	**1,600**	**6,300**	<200	**9**	<4	2
05/08/03[4]	101.25	--	--	--	--	<270	<440	**42,000**	**790**	**1,800**	**1,600**	**6,700**	<100	--	--	4
03/29/04	101.25	--	6.16	--	95.09	--	--	--	--	--	--	--	--	--	--	--
10/19/04[4]	101.25	--	6.80	--	94.45	--	--	**26,000**	**860**	**1,400**	**1,500**	**5,200**	<1	**12**	3	--
09/23/05	101.25	--	7.14	--	94.11	--	--	--	--	--	--	--	--	--	--	--
10/14/05	101.25	--	--	--	--	--	--	**29,000**	**850**	**1,100**	**1,400**	**5,660**	<200	<100	<200	--
09/28/06	101.25	--	7.20	--	94.05	--	--	**29,000**	**940**	**1,900**	**1,700**	**6,200**	--	<100	<100	--

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TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-23 (cont.)																
09/10/07	101.25	--	7.07	--	94.18	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	101.25	--	6.96	--	94.29	380	<100	**15,000**	**730**	**1,300**	**1,000**	**4,100**	<0.5	**23**	<1	--
07/06/11	101.25	--	6.79	--	94.46	--	--	--	--	--	--	--	--	--	--	--
MW-24																
01/24/00	101.29	--	--	--	--	--	--	--	**1,300**	**7,800**	**1,050**	**8,500**	--	**18**	1	--
05/28/02	101.29	--	--	--	--	--	--	--	**1,000**	**7,000**	**1,700**	**7,900**	--	**18**	<1	--
04/24/03	101.29	--	6.01	--	95.28	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.29	--	--	--	--	460	<99	**57,000**	**880**	**6,800**	**1,500**	**7,300**	<5	**15**	<10	5
03/29/04	101.29	--	6.11	--	95.18	--	--	--	--	--	--	--	--	--	--	--
10/19/04[4]	101.29	--	6.56	--	94.73	--	--	**36,000**	**1,200**	**8,800**	**2,100**	**9,600**	<1	**42**	1	--
09/23/05	101.29	--	7.07	--	94.22	--	--	--	--	--	--	--	--	--	--	--
10/14/05	101.29	--	--	--	--	--	--	**46,000**	**900**	**5,400**	**1,800**	**9,300**	<200	<100	<200	--
09/28/06	101.29	--	7.10	--	94.19	**3,800**	<250	**49,000**	**1,200**	**6,100**	**2,100**	**8,700**	--	--	--	--
09/10/07	101.29	--	7.01	--	94.28	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	101.29	--	6.84	--	94.45	350	<99	**58,000**	**960**	**6,700**	**1,600**	**7,200**	<5	**19**	<10	--
07/06/11	101.29	--	6.71	--	94.58	--	--	--	--	--	--	--	--	--	--	--
MW-25																
04/24/03	101.37	--	5.74	--	95.63	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.37	--	--	--	--	**1,100**	<100	**40,000**	**610**	**2,300**	**1,300**	**5,900**	<200	<2.0	<3.0	4
03/29/04	101.37	--	5.84	--	95.53	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.37	--	6.93	--	94.44	--	--	--	--	--	--	--	--	--	--	--
09/28/06	101.37	--	6.93	--	94.44	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.37	--	6.80	--	94.57	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.37	--	6.74	--	94.63	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.37	--	6.52	--	94.85	--	--	--	--	--	--	--	--	--	--	--
MW-26																
01/24/00	101.47	--	--	--	--	--	--	**400,000**	--	--	--	--	--	--	--	--
01/24/00 (D)	101.47	--	--	--	--	--	--	**350,000**	--	--	--	--	--	--	--	--
04/24/03	101.47	--	6.08	--	95.39	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.47	--	--	--	--	**4,900**	<490	**94,000**	**1,300**	**13,000**	**1,400**	**9,600**	<5	**32**	<10	**82**
03/29/04	101.47	--	6.20	--	95.27	--	--	--	--	--	--	--	--	--	--	--
10/15/04[4]	101.47	--	6.88	--	94.59	<200	<500	**60,000**	**1,900**	**22,000**	**2,600**	**15,000**	<1	**13**	<1	--
09/23/05	101.47	--	7.28	--	94.19	--	--	--	--	--	--	--	--	--	--	--
10/14/05	101.47	--	--	--	--	<1,300	310	**110,000**	**1,700**	**19,000**	**2,800**	**18,500**	<200	<100	<200	--

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3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-26 (cont.)																
09/27/06	101.47	--	7.35	--	94.12	**6,000**	<250	**110,000**	**2,000**	**19,000**	**3,100**	**17,000**	--	<100	<100	--
09/10/07	101.47	--	7.17	--	94.30	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	101.47	--	7.15	--	94.32	**19,000**	<4,700	**110,000**	**860**	**13,000**	**1,500**	**10,000**	--	--	--	--
07/06/11	101.47	--	6.82	--	94.65	**720**	<250	**66,000**	**1,100**	**10,000**	**2,100**	**11,000**	--	**9.7**	<2	--
MW-27																
01/27/00	101.64	--	--	--	--	PRODUCT IDENTIFIED BY EPMI										
05/01/02	101.64	--	--	--	--	PRODUCT IDENTIFIED BY EPMI										
04/27/03	101.64	5.89	6.66	0.77	95.60	PRODUCT IDENTIFIED BY EPMI										
01/14/04	101.64	--	--	--	--	PRODUCT IDENTIFIED BY EPMI										
03/29/04	101.64	5.94	6.68	0.74	95.55	--	--	--	--	--	--	--	--	--	--	--
10/20/04	101.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.64	7.12	8.00	0.88	94.34	--	--	--	--	--	--	--	--	--	--	--
10/14/05	101.64	--	--	--	--	**5,400,000**	**1,700,000**	**72,000**	**660**	**2,400**	**2,100**	**14,000**	<200	<100	<200	--
09/28/06	101.64	7.34	7.55	0.21	94.26	**39,000**	**20,000**	**48,000**	**1,000**	**2,400**	**2,200**	**10,000**	--	<5	<5	--
09/10/07	101.64	6.98	7.75	0.77	94.51	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.64	7.11	7.89	0.78	94.37	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.64	6.85	6.95	0.10	94.77	--	--	--	--	--	--	--	--	--	--	--
MW-28																
01/22/00	101.53	--	--	--	--	--	--	--	**49**	18	ND	77	--	**28**	ND	--
05/28/02	101.53	--	--	--	--	140	<250	210	**6**	<1	8	14	--	**57**	<1	--
04/24/03	101.53	--	6.58	--	94.95	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.53	--	--	--	--	<81	<100	<50	<0.5	<0.5	<0.5	<1.5	<2.5	**91**	< 1.0	< 1.2
05/08/03[4]	101.53	--	--	--	--	<280	<440	420	**6**	<1.0	4	32	--	--	--	<1.0
03/29/04	101.53	--	6.73	--	94.80	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.53	--	7.09	--	94.44	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.53	--	6.97	--	94.56	--	--	--	--	--	--	--	--	--	--	--
MW-29																
01/22/00	101.28	--	--	--	--	--	--	--	**1,800**	**13,000**	**1,500**	**18,000**	--	ND	ND	--
05/01/02	101.28	--	--	--	--	PRODUCT IDENTIFIED BY KANE										
04/24/03	101.28	6.35	7.81	1.46	94.64	PRODUCT IDENTIFIED BY KANE										
01/14/04	101.28	--	--	--	--	PRODUCT IDENTIFIED BY KANE										
03/29/04	101.28	6.56	7.45	0.89	94.54	--	--	--	--	--	--	--	--	--	--	--
09/26/05	101.28	7.31	8.10	0.79	93.81	--	--	--	--	--	--	--	--	--	--	--
10/12/05	101.28	--	--	--	--	**29,000**	**22,000**	**110,000**	**870**	**7,400**	**3,400**	**18,000**	--	--	--	--

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3876 Bridge Way North
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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-29 (cont.)																
09/28-10/02/06	101.28	--	7.50	--	93.78	**38,000**	**12,000**	**92,000**	**1,100**	**5,600**	**3,600**	**19,000**	--	--	--	--
09/10/07	101.28	7.43	7.97	0.54	93.74	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.28	7.07	7.61	0.54	94.10	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.28	7.14	7.65	0.51	94.04	--	--	--	--	--	--	--	--	--	--	--
MW-30																
05/28/02	101.58	--	--	--	--	**6,100**	<250	**21,000**	**140**	**5,100**	**1,200**	**7,400**	<1	<1	<1	--
04/24/03	101.58	4.78	4.80	0.02	96.80	PRODUCT SAMPLE COLLECTED BY SAIC										
01/14/04	101.58	--	--	--	--	PRODUCT SAMPLE COLLECTED BY SAIC										
03/29/04	101.58	4.86	4.94	0.08	96.70	--	--	--	--	--	--	--	--	--	--	--
10/19/04[4]	101.58	--	5.32	--	96.26	--	--	**9,200**	**29**	960	240	**1,300**	--	--	--	--
09/23/05	101.58	5.79	6.22	0.43	95.70	--	--	--	--	--	--	--	--	--	--	--
10/13/05	101.58	--	--	--	--	--	--	**24,000**	<50	**2,000**	610	**3,000**	--	--	--	--
09/27/06	101.58	5.80	6.00	0.20	95.74	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.58	5.65	5.79	0.24	95.98	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.58	--	5.50	--	96.08	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.58	5.41	5.59	0.18	96.13	--	--	--	--	--	--	--	--	--	--	--
MW-31																
05/08/03	101.68	--	9.00	--	92.68	**860**	<100	**16,000**	**210**	**1,200**	240	**1,500**	<50	<0.8	<1.0	4
03/29/04	101.68	--	4.87	--	96.81	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.68	--	5.91	--	95.77	--	--	--	--	--	--	--	--	--	--	--
10/13/05	101.68	--	--	--	--	--	--	**12,000**	**160**	610	<20	**1,900**	--	--	--	--
09/27/06	101.68	--	5.90	--	95.78	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.68	--	5.67	--	96.01	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	101.68	--	5.57	--	96.11	**800**	<100	**32,000**	**170**	**1,400**	510	**3,900**	--	--	--	--
07/06/11	101.68	--	5.45	--	96.23	**530**	430	**31,000**	**230**	**1,600**	**900**	**4,200**	--	<2	<2	--
MW-32																
04/24/03	101.45	--	4.30	--	97.15	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.45	--	--	--	--	200	<100	**16,000**	**260**	**1,100**	470	**2,100**	<1	<2	<2	<1.2
03/29/04	101.45	--	4.81	--	96.64	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.45	--	5.87	--	95.58	--	--	--	--	--	--	--	--	--	--	--
09/27/06	101.45	--	5.80	--	95.65	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.45	--	5.63	--	95.82	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.45	--	5.54	--	95.91	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.45	--	5.40	--	96.05	--	--	--	--	--	--	--	--	--	--	--

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Seattle, Washington
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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-33																
01/21/00	101.56	--	--	--	--	--	--	**54,000**	**880**	**3,400**	ND	**12,000**	--	ND	ND	--
05/03/02	101.56	--	--	--	--	**5,800**	<250	**44,000**	**720**	**3,900**	**1,300**	**6,600**	--	--	--	--
04/25/03	101.56	--	4.96	--	96.60	**970**	<110	**38,000**	**500**	**2,900**	**890**	**6,300**	<100	<4.0	<5.0	5
03/29/04	101.56	--	4.29	--	97.27	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.56	--	5.50	--	96.06	--	--	--	--	--	--	--	--	--	--	--
09/27/06	101.56	--	5.30	--	96.26	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.56	5.18	5.19	0.01	96.37	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.56	0.00	5.16	0.00	96.40	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.56	0.00	4.98	0.00	96.58	--	--	--	--	--	--	--	--	--	--	--
MW-34																
01/21/00	101.63	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--
05/03/02	101.63	--	--	--	--	270	<250	410	**9**	2	1	5	--	--	--	--
04/25/03	101.63	--	5.56	--	96.07	380	<110	**900**	**260**	5	19	26	<10	<0.8	<1.0	<1.2
03/29/04	101.63	--	4.24	--	97.39	--	--	--	--	--	--	--	--	--	--	--
10/15/04[4]	101.63	--	5.05	--	96.58	<200	<500	410	<1	2	9	6	--	--	--	--
09/27/06	101.63	--	5.30	--	96.33	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.63	--	5.12	--	96.51	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	101.63	--	4.92	--	96.71	160	<97	760	1	16	37	68	--	--	--	--
07/06/11	101.63	--	4.64	--	96.99	--	--	--	--	--	--	--	--	--	--	--
MW-35																
01/21/00	101.63	--	--	--	--	--	--	**63,000**	**1,300**	**4,500**	**2,000**	**10,000**	--	--	--	--
05/16/02	101.63	--	--	--	--	**3,200**	<250	**42,000**	**3,200**	**19,000**	**3,300**	**14,400**	--	<100	<100	--
04/24/03	101.63	--	3.51	--	98.12	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.63	--	--	--	--	490	<100	**54,000**	**1,000**	**6,600**	**1,300**	**6,500**	<3	<4	<5	**101**
05/08/03[4]	101.63	--	--	--	--	<260	<420	**75,000**	**1,500**	**9,100**	**2,000**	**9,300**	<100	--	--	**120**
03/29/04	101.63	--	5.55	--	96.08	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.63	--	6.29	--	95.34	--	--	--	--	--	--	--	--	--	--	--
09/27/06	101.63	--	6.30	--	95.33	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.63	--	6.12	--	95.51	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.63	--	6.04	--	95.59	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.63	--	5.99	--	95.64	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-36																
04/24/03	101.39	--	4.38	--	97.01	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.39	--	--	--	--	250	<94	**6,300**	**120**	110	130	720	<0.5	<0.8	<1.0	<1.2
09/27/06	101.39	--	5.90	--	95.49	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.39	--	5.75	--	95.64	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.39	--	5.55	--	95.84	270	<100	**4,500**	**47**	70	130	380	--	--	--	--
07/06/11	101.39	--	5.54	--	95.85	--	--	--	--	--	--	--	--	--	--	--
MW-37																
01/22/00	101.39	--	--	--	--	--	--	--	**1,030**	**4,100**	620	**9,000**	--	ND	ND	--
05/28/02	101.39	--	--	--	--	**530**	<250	**9,900**	**270**	**1,200**	550	**3,040**	--	<1	<1	--
04/24/03	101.39	--	2.69	--	98.70	--	--	--	--	--	--	--	--	--	--	--
05/08/03[4]	101.39	--	--	--	--	**600**	ND	**44,000**	**670**	**2,600**	**1,500**	**7,000**	<100	ND	ND	3
05/08/03	101.39	--	--	--	--	<280	<450	**48,000**	**810**	**2,900**	**1,600**	**7,800**	<100	--	--	4
03/29/04	101.39	--	5.10	--	96.29	--	--	--	--	--	--	--	--	--	--	--
10/19/04[4]	101.39	--	5.60	--	95.79	--	--	**15,000**	**280**	900	**1,000**	**4,100**	--	--	--	--
09/23/05	101.39	6.40	6.41	0.01	94.99	--	--	--	--	--	--	--	--	--	--	--
10/12/05	101.39	--	--	--	--	--	--	**30,000**	**450**	780	**1,300**	**4,800**	--	--	--	--
09/28/06	101.39	--	6.40	--	94.99	--	--	**21,000**	**450**	890	**1,100**	**4,400**	--	--	--	--
09/10/07	101.39	--	6.19	--	95.20	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.39	--	6.14	--	95.25	280	<100	**18,000**	**210**	480	680	**2,300**	--	--	--	--
07/06/11	101.39	--	5.82	--	95.57	--	--	--	--	--	--	--	--	--	--	--
MW-38																
01/27/00	101.52	--	--	--	--	PRODUCT IDENTIFIED BY EPMI			--	--	--	--	--	--	--	--
05/01/02	101.52	--	--	--	--	PRODUCT IDENTIFIED BY EPMI			--	--	--	--	--	--	--	--
04/24/03	101.52	4.78	6.31	1.53	96.43	PRODUCT IDENTIFIED BY EPMI			--	--	--	--	--	--	--	--
01/14/04	101.52	--	--	--	--	PRODUCT IDENTIFIED BY EPMI			--	--	--	--	--	--	--	--
03/29/04	101.52	4.96	6.18	1.22	96.32	--	--	--	--	--	--	--	--	--	--	--
09/23/05	101.52	7.81	6.09	1.72	96.81	--	--	--	--	--	--	--	--	--	--	--
10/12/05	101.52	--	--	--	--	--	--	**20,000**	**190**	**1,900**	540	**2,600**	--	--	--	--
09/28/06	101.52	6.10	7.50	1.40	95.14	--	--	**98,000**	**1,600**	**15,000**	**4,300**	**20,000**	--	--	--	--
09/07/07	101.52	5.86	7.16	1.30	95.40	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.52	5.95	7.17	1.22	95.33	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.52	5.72	6.50	0.78	95.64	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
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FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-39																
05/02/02	101.81	--	--	--	--	3,100	<250	54,000	1,200	4,900	1,200	5,800	--	--	--	--
04/25/03	101.81	--	4.90	--	96.91	1,000	130	54,000	2,100	7,100	1,700	7,400	<130	<8.0	<10	10
03/29/04	101.81	5.02	5.09	0.07	96.78	--	--	--	--	--	--	--	--	--	--	--
04/13/04	101.81	--	--	--	--	PRODUCT IDENTIFIED BY SAIC AND ENTRIX					--	--	--	--	--	--
10/15/04[4]	101.81	--	5.85	--	95.96	<200	<500	76,000	2,900	13,000	2,200	10,000	--	--	--	--
09/23/05	101.81	6.22	6.32	0.10	95.57	--	--	--	--	--	--	--	--	--	--	--
10/12/05	101.81	--	--	--	--	<2,500	19,000	66,000	1,800	6,500	1,700	7,700	--	--	--	--
09/28-10/02/06	101.81	--	6.10	--	95.71	2,800	<25	67,000	2,000	7,800	2,300	9,900	--	--	--	--
09/10/07	101.81	--	6.00	--	95.81	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.81	--	6.03	--	95.78	1,000	<190	66,000	1,200	5,400	1,700	9,300	--	--	--	--
07/06/11	101.81	--	5.69	--	96.12	630	320	70,000	3,100	11,000	2,200	9,500	--	<2	<2	--
MW-40																
01/22/00	101.71	--	--	--	--	--	--	130,000	--	--	--	--	--	--	--	--
05/02/02	101.71	--	--	--	--	3,100	<250	54,000	260	3,100	1,500	8,800	--	--	--	--
04/25/03	101.71	--	4.48	--	97.23	940	120	72,000	510	6,400	2,000	14,000	<250	<8.0	<10	16
01/14/04	101.71	--	--	--	--	--	--	--	990	12,000	3,300	21,700	--	--	--	--
04/24/03	101.71	--	4.48	--	97.23	PRODUCT IDENTIFIED BY SAIC			--	--	--	--	--	--	--	--
03/29/04	101.71	4.56	4.71	0.15	97.12	--	--	--	--	--	--	--	--	--	--	--
04/13/04	101.71	--	--	--	--	PRODUCT IDENTIFIED BY SAIC			--	--	--	--	--	--	--	--
10/15/04[4]	101.71	--	5.72	--	95.99	<200	<500	51,000	790	5,400	1,800	14,000	--	--	--	--
09/23/05	101.71	5.88	6.10	0.22	95.79	--	--	--	--	--	--	--	--	--	--	--
10/12/05	101.71	--	--	--	--	1,000,000	540,000	91,000	930	6,800	2,000	16,000	--	--	--	--
09/28-10/2/06	101.71	5.58	6.10	0.52	96.03	190,000	43,000	97,000	1,900	7,500	2,700	20,000	--	--	--	--
09/10/07	101.71	5.61	5.85	0.24	96.05	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.71	5.58	5.72	0.14	96.10	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.71	5.38	5.48	0.10	96.31	--	--	--	--	--	--	--	--	--	--	--
MW-41																
01/22/00	101.57	--	--	--	--	--	--	34,000	340	1,400	540	6,000	--	--	--	--
05/16/02	101.57	--	--	--	--	7,300	ND	34,000	530	2,400	2,400	7,800	--	ND	ND	--
04/24/03	101.57	--	7.00	--	94.57	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.57	--	--	--	--	1,500	<190	39,000	310	1,200	1,600	4,400	<1	<2.0	<2.0	10
05/8/03 (D)	101.57	--	--	--	--	2,500	290	43,000	370	1,900	1,700	5,400	<100	ND	ND	11

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3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
MW-41 (cont.)																
05/08/03[4]	101.57	--	--	--	--	<270	<430	**49,000**	**440**	**1,900**	**2,000**	**6,100**	<100	--	--	13
03/29/04	101.57	--	7.10	--	94.47	--	--	--	--	--	--	--	--	--	--	--
09/27/06	101.57	--	7.60	--	93.97	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.57	--	INACCESSIBLE-COVERED BY QUANSET HUT					--	--	--	--	--	--	--	--	--
MW-42																
01/21/00	101.57	--	--	--	--	--	--	**58,000**	**1,100**	**9,400**	**700**	**9,700**	--	--	--	--
05/01/02	101.57	--	--	--	--	PRODUCT IDENTIFIED BY KANE			--	--	--	--	--	--	--	--
04/24/03	101.57	--	3.73	--	97.84	--	--	--	--	--	--	--	--	--	--	--
05/08/03	101.57	--	--	--	--	**1,600**	170	**120,000**	**1,400**	**15,000**	**2,100**	**13,000**	<10	<16	<20	**31**
05/08/03[4]	101.57	--	--	--	--	<260	<410	**110,000**	**1,600**	**13,000**	**1,900**	**11,100**	<100	--	--	**33**
03/29/04	101.57	--	5.35	--	96.22	--	--	--	--	--	--	--	--	--	--	--
10/19/04[4]	101.57	--	5.68	--	95.89	--	--	**23,000**	**560**	**5,900**	**900**	**5,300**	--	--	--	--
10/13/05	101.57	--	--	--	--	--	--	**25,000**	**250**	**2,200**	480	**2,500**	--	--	--	--
09/27/06	101.57	--	6.30	--	95.27	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.57	5.80	6.02	0.22	95.73	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.57	5.75	6.05	0.30	95.76	--	--	--	--	--	--	--	--	--	--	--
SG-Geo-1																
01/02/04	101.78	--	--	--	--	14	1	**61,000**	**1,300**	**5,000**	**2,900**	**13,900**	ND	<50	<50	--
03/29/04	101.78	--	4.67	--	97.11	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.78	5.44	6.03	0.59	96.22	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.78	5.46	5.61	0.15	96.29	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.78	--	5.72	--	96.06	--	--	--	--	--	--	--	--	--	--	--
SG-Geo-2																
01/02/04	101.73	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
03/29/04	101.73	--	4.10	--	97.63	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.73	--	5.04	--	96.69	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.73	--	4.61	--	97.12	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.73	--	4.83	--	96.90	--	--	--	--	--	--	--	--	--	--	--
SG-Geo-3																
01/02/04	101.76	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
03/29/04	101.76	--	4.65	--	97.11	--	--	--	--	--	--	--	--	--	--	--
10/14/05	101.76	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--
09/10/07	101.76	--	5.43	--	96.33	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.76	--	5.23	--	96.53	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.76	--	5.29	--	96.47	--	--	--	--	--	--	--	--	--	--	--

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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
SG-Geo-4																
01/02/04	101.70	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
03/29/04	101.70	--	5.03	--	96.67	--	--	--	--	--	--	--	--	--	--	--
10/14/05	101.70	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--
09/10/07	101.70	--	5.70	--	96.00	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.70	--	5.56	--	96.14	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.70	--	5.50	--	96.20	--	--	--	--	--	--	--	--	--	--	--
SG-Geo-5																
01/02/04	101.69	--	--	--	--	ND	ND	**3,300**	4	360	140	620	ND	ND	ND	--
03/29/04	101.69	--	4.93	--	96.76	--	--	--	--	--	--	--	--	--	--	--
09/10/07	101.69	--	5.64	--	96.05	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.69	--	5.53	--	96.16	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.69	--	5.38	--	96.31	--	--	--	--	--	--	--	--	--	--	--
SG-Geo-6																
01/05/04	101.72	--	--	--	--	1	ND	100	ND	ND	ND	ND	ND	ND	ND	--
03/29/04	101.72	--	5.82		95.90	--	--	--	--	--	--	--	--	--	--	--
10/14/05	101.72	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--
09/10/07	101.72	--	6.25	--	95.47	--	--	--	--	--	--	--	--	--	--	--
10/08/07	101.72	--	6.22	--	95.50	--	--	--	--	--	--	--	--	--	--	--
07/06/11	101.72	--	6.14	--	95.58	--	--	--	--	--	--	--	--	--	--	--
SG-Geo-7																
07/06/11	--	--	3.54	--	--	--	--	--	--	--	--	--	--	--	--	--
SG-Geo-8																
01/05/04	102.03	--	--	--	--	ND	ND	**15,000**	**220**	640	690	**3,010**	ND	ND	ND	--
03/29/04	102.03	--	6.80	--	95.23	--	--	--	--	--	--	--	--	--	--	--
09/23/05	102.03	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/06	102.03	--	--	--	--	**760**	--	**3,100**	4	2	8	18	<1	3	<1	--
09/27/06	102.03	--	8.15	--	93.88	--	--	--	--	--	--	--	--	--	--	--
09/10/07	102.03	--	7.95	--	94.08	--	--	--	--	--	--	--	--	--	--	--
10/08-09/07	102.03	--	8.06	--	93.97	330	<97	**21,000**	**390**	700	**740**	**2,970**	<0.5	<0.8	<1	--
07/06/11	102.03	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--

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3876 Bridge Way North
Seattle, Washington
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Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
EQUIPMENT BLANK																
05/08/03	--	--	--	--	--	<250	<400	<100	<1.0	<1.0	<1.0	<1.0	<10	ND	ND	<1.0
12/03/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/03/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/29/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FIELD BLANK																
05/08/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
QA																
02/13/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/17/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/25/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
05/05/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	<0.8	<1.0	--
05/08/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
05/08/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
05/08/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--
12/01/03	--	--	--	--	--	--	--	<50	<0.5	<0.7	<0.8	<0.8	<0.5	<0.8	<1.0	--
12/02/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--
12/03/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--
12/04/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/13/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/24/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--
03/27/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1	--
03/28/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--
03/29/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--
04/21/04	--	--	--	--	--	--	--	--	<0.5	3	1	6	<0.5	<0.8	<1.0	--
10/19/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/23/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/07	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--
10/09/07	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--
10/10/07	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--
04/05-06/10	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
07/06/11	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--

TABLE 1
GROUNDWATER MONITORING DATA AND ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION NO. 95439
3876 Bridge Way North
Seattle, Washington
Concentrations reported in µg/L

Well ID/ Date	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE[3] (ft.)	TPH-DRO	TPH-HRO	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	PCE	TCE	D. Lead
QA (cont.)																
04/04/12	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/03/13	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
04/02/14	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
MTCA Method A CULs:						500	500	800	5	1,000	700	1,000	20	5	5	15
MTCA Method B CULs:						(Calculated value)			0	1,600	800	16,000				--
Current Method:[5]						NWTPH-Dx Extended[6]		NWTPH-Gx	USEPA 8260B							USEPA 7421

Abbreviations:

BTEX = Benzene, toluene, ethylbenzene, and total xylenes
CULs = Cleanup Levels
(D) = Duplicate
D. Lead = Dissolved Lead
DTP = Depth to Product
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
MTBE = Methyl Tertiary Butyl Ether
MTCA = Model Toxics Control Act
ND = Non Detect
QA = Quality Assurance/Trip Blank
PCE = Tetrachloroethylene
SPH = Separate-Phase Hydrocarbons
SPHT = SPH Thickness
SVE = Soil Vapor Extraction
T. Lead = Total Lead
TCE = Trichloroethylene
TOC = Top of Casing
TPH = Total Petroleum Hydrocarbons
TPH-DRO = TPH as Diesel-Range Organics
TPH-GRO = TPH as Gasoline-Range Organics
TPH-HRO = TPH as Heavy Oil-Range Organics
USEPA = United States Environmental Protection Agency
µg/L = Micrograms per liter
-- = Not Measured/Not Analyzed

Notes:

Groundwater elevation calculated using: TOC elevation – depth to groundwater (except for cases with SPH, see below).
Nondetectable results without detection limits listed were collected from tables in other consultant reports.
1 Analytical results in bold font indicate concentrations exceed MTCA Method A CULs.
2 TOC elevations have been surveyed in feet relative to the 1988 North American Vertical Datum.
3 When SPH is present, GWE has been corrected using the following formula: GWE = [(TOC - DTW) + (SPHT x 0.8)].
4 Sample collected by Kane Environmental.
5 Laboratory analytical methods for historical data may not be consistent with list of current analytical methods. When necessary, consult original laboratory reports to verify methods used.
6 Analyzed with silica-gel cleanup.

leidos

Attachment A:
Groundwater Monitoring and Sampling Data Package

GETTLER-RYAN INC.

TRANSMITTAL

April 14, 2014
G-R #385854

TO: Mr. Russell Shropshire
Leidos, Inc.
18912 North Creek Parkway, Suite 101
Bothell, Washington 98011

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

RE: Former Chevron Service Station
#9-5439
3876 Bridge Way North
Seattle, Washington

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Annual Event of April 2 and 3, 2014**

COMMENTS:

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

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

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

trans/200410

Standard Operating Procedure, Low-Flow Purging and Sampling

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

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

Initial Pump Discharge Test Procedures

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

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

Purging and Water Quality Parameter Measurement

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

Sample Collection

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 Job Number: 3385873
Site Address: 3876 Bridge Way North Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA Sampler: J.P

Well ID: D.GEO.1 Date Monitored: 4.2.14
Well Diameter: (3/4) 2 / 4 in.
Total Depth: 15.48 ft.
Depth to Water: 12.96 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

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.46

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	x
Grundfos		QED Bladder Pump	
Peristaltic Pump	x	Other: TUBING	
QED Bladder Pump			
Other: YSI MP5 5560			

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: gal
Product Transferred to:

Start Time (purge): 1602 Weather Conditions: SUN
Sample Time/Date: 1610 / 4.2.14 Water Color: CLOUDY Odor: (Y) / N STRONG
Approx. Flow Rate: ~~400~~ mlpm Sediment Description: GREYISH
Did well de-water? YES If yes, Time: 1607 Volume: 2.5 L. DTW @ Sampling: 13.42

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (~~µmhos/cm~~ mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1607	2.5	6.87	.473	12.42	.97	-117.7	13.46
1610							

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
D.GEO.1	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 14.5 - 15.5 DEWATERED SEVERAL TIMES WHILE COLLECTING SAMPLES.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 Job Number: 3385873
Site Address: 3876 Bridge Way North Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA Sampler: J.P

Well ID O.MW.1 Date Monitored: 4.2.14
Well Diameter 3/4 (2) 4 in.
Total Depth 19.13 ft.
Depth to Water 11.26 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.

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.83

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: gal
Product Transferred to:

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	x
Grundfos		QED Bladder Pump	
Peristaltic Pump	x	Other: TUBING	
QED Bladder Pump			
Other: YSI WQPS 666			

Start Time (purge): 1436 Weather Conditions: SUN
Sample Time/Date: 1604 / 4.2.14 Water Color: CLEAR Odor: (Y) / N MILD
Approx. Flow Rate: 200 mlpm Sediment Description: ORANGISH TO CLEAR
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 11.66

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (~~umhos/cm~~ mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1454	3.6	6.32	.473	11.87	1.25	-61.2	11.58
1457	4.2	6.32	.474	11.89	1.19	-62.1	11.58
1600	4.80	6.34	.477	11.96	1.17	-62.8	11.66

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
O.MW.1	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 16~17'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 | Job Number: 3385873
Site Address: 3876 Bridge Way North | Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA | Sampler: J.P

Well ID: D-MW-2
Well Diameter: 3/4 (2) 4 in.
Total Depth: 18.96 ft.
Depth to Water: 8.02 ft.
10.94 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.60

Date Monitored: 4.2.14

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

☐ Check if water column is less then 0.50 ft.

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	x
QED Bladder Pump	
Other: YSI MP3 556	

Sampling Equipment:

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

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

Start Time (purge): 1349 | Weather Conditions: Sun
Sample Time/Date: 1418 / 4.2.14 | Water Color: CLEAR | Odor: (Y) / N STRONG
Approx. Flow Rate: 200 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 8.88

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µmhos/cm µS) MS	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1407	3.6	6.75	.280	12.86	.70	-174.6	8.75
1410	4.2	6.77	.290	12.84	.68	-176.4	8.80
1413	4.8	6.77	.295	12.86	.67	-177.8	8.88

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
D-MW-2	10 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	1 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 14-15'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

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

Well ID: D. MW-3 Date Monitored: 4.2.14

Well Diameter: 3/4 (2) 4 in.

Total Depth: 19.20 ft.

Depth to Water: 10.34 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

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

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

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: MD

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

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

Well ID MW-4

Well Diameter (3/4) 2 4 in.

Total Depth 16.08 ft.

Depth to Water 12.48 ft.

Date Monitored: 4.2.14

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

☐ Check if water column is less then 0.50 ft.

3.52 xVF - = - x3 case volume = Estimated Purge Volume: - gal.

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

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µmhos/cm - uS)	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/sgc

COMMENTS: Depth Pump Set At: MO

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 Job Number: 3385873
Site Address: 3876 Bridge Way North Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA Sampler: [illegible]

Well ID: D-MW-5 Date Monitored: 4.2.14
Well Diameter: 3/4 / (2) / 4 in.
Total Depth: ____ ft.
Depth to Water: XUTA 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 ____
Metal Filters ____
Peristaltic Pump ____
QED Bladder Pump ____
Other: ____

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: XUTA Photo's

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

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

Well ID MW-6

Well Diameter 3/4 (2) 4 in.

Total Depth 17.68 ft.

Depth to Water 11.91 ft.

Date Monitored: 4.2.14

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: MID

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 | Job Number: 3385873
Site Address: 3876 Bridge Way North | Event Date: 4.2.14 (inclusive)
City: Seattle, WA | Sampler: J.P

Well ID ~~O-MW-7~~ O-MW-7 | Date Monitored: 4.2.14
Well Diameter 3/4(2)4 in.
Total Depth 19.70 ft.
Depth to Water 11.24 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.

0.46 xVF - = - x3 case volume = Estimated Purge Volume: - gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.97

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	x
QED Bladder Pump	
Other: YSI meter	

Sampling Equipment:

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

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

Start Time (purge): 0913 | Weather Conditions: SUN
Sample Time/Date: 0942 / 4.2.14 | Water Color: CLEAR | Odor (Y) / N STRONG
Approx. Flow Rate: 200 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: ~ | Volume: ~ gal. | DTW @ Sampling: 11.69

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(µmhos/cm µS)~~ MS	Temperature (C) F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0931	3.2	7.37	.209	13.11	.67	-204.4	11.52
0934	4.2	7.39	.222	13.16	.53	-206.1	11.52
0937	4.8	7.39	.224	13.22	.51	-209.0	11.69

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
O-MW-7	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 16.5' ~ 17.5'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2.14 (inclusive)

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

Well ID MW-6

Well Diameter (3/4) 2 4 in.

Total Depth 15.85 ft.

Depth to Water 13.32 ft.

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

Date Monitored: 4.2.14

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: MID

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2.14 (inclusive)

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

Well ID MW-9 Date Monitored: 4.2.14

Well Diameter 3/4 (2) 4 in.

Total Depth ft.

Depth to Water * UTA ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: UTA * CONSTRUCTION - PHOTOS

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

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

Well ID: O-MW-10

Well Diameter: 3/4 / 2 / 4 in.

Total Depth: 13.09 ft.

Depth to Water: 10.77 ft.

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

Date Monitored: 4.2.14

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µmhos/cm - pS)	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/sgc

COMMENTS: Depth Pump Set At: MD

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 Job Number: 3385873
Site Address: 3876 Bridge Way North Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA Sampler: JP

Well ID: OEW-1 Date Monitored: 4.2.14
Well Diameter: 3/4 / 2 / (4) in.
Total Depth: 23.40 ft.
Depth to Water: 11.93 ft. ☐ Check if water column is less then 0.50 ft.
11.47 xVF ~ = ~ x3 case volume = Estimated Purge Volume: ~ gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.22

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

Purge Equipment:
Disposable Bailer: ____
Stainless Steel Bailer: ____
Stack Pump: ____
Suction Pump: ____
Grundfos: ____
Peristaltic Pump: X
QED Bladder Pump: ____
Other: YSI MPS 556

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

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

Start Time (purge): 1101 Weather Conditions: SUN
Sample Time/Date: 1131 / 4.3.14 Water Color: CLEAR Odor (Y) / N MILD
Approx. Flow Rate: 200 mlpm Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 12.51

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(µmhos/cm pS)~~ MS	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1119	3.6	6.65	.351	12.28	.67	-96.0	12.31
1122	4.4	6.69	.353	12.33	.64	-97.6	12.40
1125	4.0	6.71	.355	12.40	.61	-98.1	12.51

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
OEW-1	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 17 ~ 18'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 | Job Number: 3385873
Site Address: 3876 Bridge Way North | Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA | Sampler: J.P

Well ID: OEW-2 | Date Monitored: 4.2.14
Well Diameter: 3/4 / 2 / (4) in.
Total Depth: 23.42 ft.
Depth to Water: 11.87 ft.

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

☐ Check if water column is less then 0.50 ft.

11.55 xVF – = – x3 case volume = Estimated Purge Volume: – gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.18

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: gal
Product Transferred to:

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	✓
Grundfos		QED Bladder Pump	
Peristaltic Pump	x	Other: TUBING	
QED Bladder Pump			
Other: YSI MP5 556			

Start Time (purge): 1002 | Weather Conditions: SUN
Sample Time/Date: 1031 / 4.3.14 | Water Color: CLEAR | Odor (Y) / N STRONG
Approx. Flow Rate: 200 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: – | Volume: – gal. | DTW @ Sampling: 12.21

Time (2400 hr.)	Volume (Liters)	pH	~~Conductivity (µmhos/cm µS)~~ MS	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1020	3.16	6.64	.289	12.77	.91	-135.8	12.01
1023	4.74	6.590	.291	12.80	.90	-139.0	12.13
1026	4.90	10.61	.293	12.90	.867	-141.0	12.21

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
OEW-2	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 17 – 18'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 | Job Number: 3385873
Site Address: 3876 Bridge Way North | Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA | Sampler: JV

Well ID: OEW-3 | Date Monitored: 4.2.14
Well Diameter: 3/4 / 2 / 4 in.
Total Depth: 28.28 ft.
Depth to Water: 12.28 ft.
11.00 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.48

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

☐ Check if water column is less then 0.50 ft.

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	x
Grundfos		QED Bladder Pump	
Peristaltic Pump	x	Other: TUBING	
QED Bladder Pump			
Other: YSI MP5 5660			

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: gal
Product Transferred to:

Start Time (purge): 1643 | Weather Conditions: SUN
Sample Time/Date: 1712 / 4.2.14 | Water Color: CLEAR | Odor (Y) N STRONG
Approx. Flow Rate: 200 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 12.63

Time (2400 hr.)	Volume (Liters)	pH	Conductivity MS (~~umhos/cm~~ mS)	Temperature (C) F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1701	3.0	6.32	.392	12.30	.75	-101.6	12.63
1704	4.2	6.32	.392	12.27	.75	-101.8	12.63
1707	4.8	6.32	.392	12.22	.75	-102.2	12.63

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
OEW-3	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 18-19'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 | Job Number: 3385873
Site Address: 3876 Bridge Way North | Event Date: 4.2.14 (inclusive)
City: Seattle, WA | Sampler: JP

Well ID: OEW-4 | Date Monitored: 4.2.14
Well Diameter: 3/4 / 2 / (4) in.
Total Depth: 24.48 ft.
Depth to Water: 13.16 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

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.42

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

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

Start Time (purge): 1518 | Weather Conditions: SUN
Sample Time/Date: 1547 / 4.2.14 | Water Color: CLEAR | Odor: (Y) / N STRONG
Approx. Flow Rate: 200 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 13.40

Time (2400 hr.)	Volume (Liters)	pH	Conductivity ~~(µmhos/cm µS)~~ mS	Temperature (C) F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1536	3.6	6.45	.339	12.64	.85	-126.4	13.32
1539	4.2	6.45	.339	12.61	.85	-126.9	13.35
1542	4.8	6.45	.338	12.58	.83	-121.6	13.40

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
OEW-4	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 19-20'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

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

Well ID MW-5 Date Monitored: 4.2.14

Well Diameter 3/4/2/4 in.

Total Depth 28.07 ft.

Depth to Water 18.78 ft.

Volume Factor (VF)	3/4"= ~~0.02~~ 0.03	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µmhos/cm - pS)	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/sgc

COMMENTS: Depth Pump Set At: M.O

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 Job Number: 3385873
Site Address: 3876 Bridge Way North Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA Sampler: J.P

Well ID MW-6
Well Diameter 3/4 / 2 / 4 in.
Total Depth 23.92 ft.
Depth to Water 13.28 ft.
10.64 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Date Monitored: 4.2.14

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

☐ Check if water column is less then 0.50 ft.

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: 12.90 ft
Depth to Water: 13.28 ft
Hydrocarbon Thickness: 0.38 ft
Visual Confirmation/Description: Blowlight
~~Skimmer / Absorbant Sock (circle one)~~
~~Amt Removed from Skimmer: gal~~
~~Amt Removed from Well: gal~~
~~Water Removed: gal~~
~~Product Transferred to:~~

Start Time (purge): Weather Conditions:
Sample Time/Date: / Water Color: Odor Y / N 4-5ppm
Approx. Flow Rate: mlpm Sediment Description:
Did well de-water? If yes, Time: Volume: gal. DTW @ Sampling:

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: WD

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 Job Number: 3385873
Site Address: 3876 Bridge Way North Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA Sampler: JF

Well ID OEW-7
Well Diameter 3/4 / 2 / 4 in.
Total Depth ft.
Depth to Water X VTA ft.
Date Monitored: 4-2-14

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: X VTA CONSTRUCTION PHOTO

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

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

Well ID MW-6 Date Monitored: 4.2.14

Well Diameter 3/4 / 2 / 4 in.

Total Depth ft.

Depth to Water * UTA ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: * UTA - Construction Photos

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

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

Well ID MW-1 Date Monitored: 4.2.14

Well Diameter 3/4 / 2 / 4 in.

Total Depth ft.

Depth to Water ~~XVTA~~ ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): _____ Weather Conditions: _____

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

Approx. Flow Rate: _____ mlpm Sediment Description: _____

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: ~~X~~ VTA - (Low Flow) - Photo

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 | Job Number: 3385873
Site Address: 3876 Bridge Way North | Event Date: 4.c/3.14 (inclusive)
City: Seattle, WA | Sampler: JP

Well ID: MW-2 | Date Monitored: 4.2.14
Well Diameter: 3/4 (2) 4 in.
Total Depth: 19.63 ft.
Depth to Water: 6.77 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

12.86 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.34

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump x
QED Bladder Pump
Other: YSI MP5 656

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

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

Start Time (purge): 1210 | Weather Conditions: SUN
Sample Time/Date: 1241 / 4.2.14 | Water Color: CLEAR | Odor: Y / (N)
Approx. Flow Rate: 200 mlpm | Sediment Description: NONE
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 6.94

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (mS ~~umhos/cm~~ ~~uS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1229	3.6	7.78	.242	12.35	.56	61.5	6.94
1231	4.2	7.81	.240	12.30	.54	59.0	6.94
1234	4.8	7.83	.237	12.24	.60	57.6	6.94

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 13'-14'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-5439 Job Number: 3385873
Site Address: 3876 Bridge Way North Event Date: 4.2/3.14 (inclusive)
City: Seattle, WA Sampler: J.P

Well ID MW-3 Date Monitored: 4.2.13
Well Diameter 3/4 (2) 4 in.
Total Depth 19.69 ft.
Depth to Water 8.52 ft.

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

☐ Check if water column is less then 0.50 ft.

11.16 xVF - = - x3 case volume = Estimated Purge Volume: - gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.75

Purge Equipment:		Sampling Equipment:	
Disposable Bailer		Disposable Bailer	
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	x
Grundfos		QED Bladder Pump	
Peristaltic Pump	x	Other: TUBING	
QED Bladder Pump			
Other: YSI MPS 556			

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: gal
Product Transferred to:

Start Time (purge): 1301 Weather Conditions: SUN
Sample Time/Date: 1329 / 4.2.14 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 200 mlpm Sediment Description: NONE
Did well de-water? NO If yes; Time: - Volume: - gal. DTW @ Sampling: 9.26

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (~~umhos/cm~~ mS)	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1319	3.6	7.90	.254	13.13	.61	8.4	9.05
1322	4.2	7.95	.235	13.08	.50	6.6	9.14
1325	4.8	7.97	.232	13.00	.49	5.4	9.26

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 13-14'

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: **Chevron #9-5439** Job Number: **3385873**

Site Address: **3876 Bridge Way North** Event Date: 4.2/3.14 (inclusive)

City: **Seattle, WA** Sampler: D.F

Well ID MW-4

Well Diameter 3/4 1/2 (4) in.

Total Depth 29.59 ft.

Depth to Water 10.78 ft.

Date Monitored: 4.2.14

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: mlpm Sediment Description:

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/BTEX(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sgc

COMMENTS: Depth Pump Set At: 11.0

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

Chevron Northwest Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

For Eurofins Lancaster Laboratories use only
Acct. #______ Group #______ Sample #______
Instructions on reverse side correspond with circled numbers.

SCR #: ______

① Client Information

Facility # SS#9-5439-OML G-R#385873 WBS

Site Address 3876 Bridge Way North, SEATTLE, WA

Chevron PM MHO LEIDOSRS Lead Consultant Russell Shropshire

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

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

Consultant Phone # (925) 551-7444 x180

Sampler J. Payne

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

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

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

② Sample Identification	Date Collected	Time Collected	③ Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	8260 full scan	Oxygenates	NWTPH-Gx	NWTPH-Dx with Silica Gel Cleanup	NWTPH-Dx without Silica Gel Cleanup	WA VPH	Lead
QA	4.2.14		X			X		2	X			X				
D-DEO-1	4.2.14	1620	X			X		8	X			X	X			
D-MW-1	4.2.14	1601	X			X		8	X			X	X			
D-MW-2	4.2.14	1418	X			X		8	X			X	X			
D-MW-7	4.2.14	0942	X			X		8	X			X	X			
DEW-1	4.3.14	1131	X			X		8	X			X	X			
DEW-2	4.3.14	1031	X			X		8	X			X	X			
DEW-3	4.2.14	1712	X			X		8	X			X	X			
DEW-4	4.2.14	1547	X			X		8	X			X	X			
MW-2	4.2.14	1241	X			X		8	X			X	X			
MW-3	4.2.14	1329	X			X		8	X			X	X			

⑥ Remarks

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

8260 B
Add BTEX to the QA sample. JM 4/9/14

⑦ Turnaround Time Requested (TAT) (please circle)

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

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

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

⑨

Relinquished by	Date	Time	Received by	Date	Time
[signature]	4.4.14	1100			

Relinquished by Commercial Carrier: UPS ✓ FedEx ___ Other ___ | Received by | Date | Time

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

Attachment B:
Laboratory Analysis Report

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

Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

April 16, 2014

Project: 95439

Submittal Date: 04/05/2014
Group Number: 1464994
PO Number: 0015145726
Release Number: HOPKINS/HORNE

State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LL) #
QA NA Water	7421349
D-GEO-1 Grab Groundwater	7421350
D-MW-1 Grab Groundwater	7421351
D-MW-2 Grab Groundwater	7421352
D-MW-7 Grab Groundwater	7421353
DEW-1 Grab Groundwater	7421354
DEW-2 Grab Groundwater	7421355
DEW-3 Grab Groundwater	7421356
DEW-4 Grab Groundwater	7421357
MW-2 Grab Groundwater	7421358
MW-3 Grab Groundwater	7421359

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

ELECTRONIC COPY TO	Gettler-Ryan Inc.	Attn: Gettler Ryan
ELECTRONIC COPY TO	SAIC	Attn: Jamalyn Green
ELECTRONIC COPY TO	SAIC	Attn: Russ Shropshire

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

Respectfully Submitted,

Amek Carter

Amek Carter
Specialist

(717) 556-7252

eurofins | Lancaster Laboratories Environmental

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

Analysis Report

Sample Description: QA NA Water
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421349
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWSQA

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. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141031AA	04/13/2014 18:33	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141031AA	04/13/2014 18:33	Brett W Kenyon	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 13:34	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 13:34	Marie D Beamenderfer	1

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Analysis Report

Sample Description: D-GEO-1 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421350
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 16:20 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWSG1

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	340	1	2
10943	Ethylbenzene	100-41-4	400	10	20
10943	Toluene	108-88-3	580	10	20
10943	Xylene (Total)	1330-20-7	1,700	10	20
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	24,000	1,000	20
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	89	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141031AA	04/13/2014 21:29	Brett W Kenyon	2
10943	BTEX 8260B Water	SW-846 8260B	1	F141031AA	04/13/2014 21:50	Brett W Kenyon	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141031AA	04/13/2014 21:29	Brett W Kenyon	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F141031AA	04/13/2014 21:50	Brett W Kenyon	20
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 19:56	Marie D Beamenderfer	20
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 19:56	Marie D Beamenderfer	20
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140960008A	04/08/2014 20:03	Glorines Suarez-Rivera	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140960008A	04/07/2014 09:45	Katheryne V Sponheimer	1

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Analysis Report

Sample Description: D-MW-1 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421351
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 15:04 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWSM1

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.	77	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 07:32	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141011AA	04/11/2014 07:32	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 16:45	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 16:45	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140960008A	04/08/2014 20:25	Glorines Suarez-Rivera	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140960008A	04/07/2014 09:45	Katheryne V Sponheimer	1

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Analysis Report

Sample Description: D-MW-2 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421352
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 14:18 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWSM2

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	57	3	5
10943	Ethylbenzene	100-41-4	650	3	5
10943	Toluene	108-88-3	550	3	5
10943	Xylene (Total)	1330-20-7	1,500	3	5
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	14,000	500	10
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	150	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 10:50	Anita M Dale	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141011AA	04/11/2014 10:50	Anita M Dale	5
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 20:23	Marie D Beamenderfer	10
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 20:23	Marie D Beamenderfer	10
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140960008A	04/08/2014 20:48	Glorines Suarez-Rivera	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140960008A	04/07/2014 09:45	Katheryne V Sponheimer	1

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Analysis Report

Sample Description: D-MW-7 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421353
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 09:42 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWSM7

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	19	5	10
10943	Ethylbenzene	100-41-4	230	5	10
10943	Toluene	108-88-3	46	5	10
10943	Xylene (Total)	1330-20-7	540	5	10
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	5,400	250	5
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	100	28	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	66	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 11:55	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141011AA	04/11/2014 11:55	Anita M Dale	10
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 20:51	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 20:51	Marie D Beamenderfer	5
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140960008A	04/08/2014 21:10	Glorines Suarez-Rivera	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140960008A	04/07/2014 09:45	Katheryne V Sponheimer	1

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Analysis Report

Sample Description: DEW-1 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421354
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/03/2014 11:31 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWS01

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	7	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	0.6	0.5	1
10943	Xylene (Total)	1330-20-7	5	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	250	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	41	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 12:16	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141011AA	04/11/2014 12:16	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14104A94A	04/15/2014 13:51	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14104A94A	04/15/2014 13:51	Laura M Krieger	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140960008A	04/08/2014 21:32	Glorines Suarez-Rivera	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140960008A	04/07/2014 09:45	Katheryne V Sponheimer	1

Sample Description: DEW-2 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421355
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/03/2014 10:31 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWS02

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	210	1	2
10943	Ethylbenzene	100-41-4	820	10	20
10943	Toluene	108-88-3	360	1	2
10943	Xylene (Total)	1330-20-7	2,600	10	20
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	17,000	500	10
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	200	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 12:38	Anita M Dale	2
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 12:59	Anita M Dale	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141011AA	04/11/2014 12:38	Anita M Dale	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F141011AA	04/11/2014 12:59	Anita M Dale	20
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14104A94A	04/15/2014 15:08	Laura M Krieger	10
01146	GC VOA Water Prep	SW-846 5030B	1	14104A94A	04/15/2014 15:08	Laura M Krieger	10
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140960008A	04/08/2014 21:55	Glorines Suarez-Rivera	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140960008A	04/07/2014 09:45	Katheryne V Sponheimer	1

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Analysis Report

Sample Description: DEW-3 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421356
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 17:12 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWS03

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	740	5	10
10943	Ethylbenzene	100-41-4	1,700	5	10
10943	Toluene	108-88-3	2,800	50	100
10943	Xylene (Total)	1330-20-7	10,000	50	100
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	60,000	2,500	50
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	410	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 13:21	Anita M Dale	10
10943	BTEX 8260B Water	SW-846 8260B	1	F141011AA	04/11/2014 13:42	Anita M Dale	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141011AA	04/11/2014 13:21	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F141011AA	04/11/2014 13:42	Anita M Dale	100
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 21:18	Marie D Beamenderfer	50
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 21:18	Marie D Beamenderfer	50
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140990018A	04/15/2014 15:19	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140990018A	04/10/2014 10:20	Anna E Stager	1

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Analysis Report

Sample Description: DEW-4 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421357
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 15:47 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWS04

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	310	3	5
10943	Ethylbenzene	100-41-4	690	3	5
10943	Toluene	108-88-3	640	3	5
10943	Xylene (Total)	1330-20-7	2,400	3	5
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	14,000	500	10
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	590	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	Z141011AA	04/11/2014 14:35	Anita M Dale	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z141011AA	04/11/2014 14:35	Anita M Dale	5
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 21:45	Marie D Beamenderfer	10
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 21:45	Marie D Beamenderfer	10
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140990018A	04/15/2014 15:41	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140990018A	04/10/2014 10:20	Anna E Stager	1

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Analysis Report

Sample Description: MW-2 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421358
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 12:41 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWS-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	Z141011AA	04/11/2014 15:24	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z141011AA	04/11/2014 15:24	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 17:40	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 17:40	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140990018A	04/15/2014 16:02	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140990018A	04/10/2014 10:20	Anna E Stager	1

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Analysis Report

Sample Description: MW-3 Grab Groundwater
Facility# 95439 Job# 385873
3876 Bridge Way North - Seattle, WA

LL Sample # WW 7421359
LL Group # 1464994
Account # 11260

Project Name: 95439

Collected: 04/02/2014 13:29 by JP

Submitted: 04/05/2014 11:50
Reported: 04/16/2014 14:46

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

BWS-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
12005	DRO C12-C24 w/Si Gel	n.a.	N.D.	29	1
12005	HRO C24-C40 w/Si Gel	n.a.	N.D.	67	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of Washington Lab Certification No. C457

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	Z141011AA	04/11/2014 15:48	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z141011AA	04/11/2014 15:48	Anita M Dale	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	14097A53A	04/08/2014 18:07	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14097A53A	04/08/2014 18:07	Marie D Beamenderfer	1
12005	NWTPH-Dx water w/ 10g Si Gel	ECY 97-602 NWTPH-Dx modified	1	140990018A	04/15/2014 16:24	Christine E Dolman	1
12007	NW Dx water w/ 10g column	ECY 97-602 NWTPH-Dx 06/97	1	140990018A	04/10/2014 10:20	Anna E Stager	1

Quality Control Summary

Client Name: Chevron
Reported: 04/16/14 at 02:46 PM

Group Number: 1464994

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F141011AA	Sample number(s): 7421351-7421356							
Benzene	N.D.	0.5	ug/l	97		78-120		
Ethylbenzene	N.D.	0.5	ug/l	98		79-120		
Toluene	N.D.	0.5	ug/l	98		80-120		
Xylene (Total)	N.D.	0.5	ug/l	98		80-120		
Batch number: F141031AA	Sample number(s): 7421349-7421350							
Benzene	N.D.	0.5	ug/l	94		78-120		
Ethylbenzene	N.D.	0.5	ug/l	93		79-120		
Toluene	N.D.	0.5	ug/l	92		80-120		
Xylene (Total)	N.D.	0.5	ug/l	95		80-120		
Batch number: Z141011AA	Sample number(s): 7421357-7421359							
Benzene	N.D.	0.5	ug/l	97		78-120		
Ethylbenzene	N.D.	0.5	ug/l	99		79-120		
Toluene	N.D.	0.5	ug/l	100		80-120		
Xylene (Total)	N.D.	0.5	ug/l	100		80-120		
Batch number: 14097A53A	Sample number(s): 7421349-7421353,7421356-7421359							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	106	104	75-135	2	30
Batch number: 14104A94A	Sample number(s): 7421354-7421355							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	108	107	75-135	1	30
Batch number: 140960008A	Sample number(s): 7421350-7421355							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	46	52	32-117	12	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 140990018A	Sample number(s): 7421356-7421359							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	70	74	32-117	5	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F141011AA	Sample number(s): 7421351-7421356 UNSPK: 7421351								
Benzene	96	94	72-134	2	30				

*- 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: 1464994
Reported: 04/16/14 at 02:46 PM

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
Ethylbenzene	97	97	71-134	1	30				
Toluene	94	94	80-125	0	30				
Xylene (Total)	98	98	79-125	1	30				
Batch number: F141031AA	Sample number(s): 7421349-7421350 UNSPK: P424031								
Benzene	105	102	72-134	3	30				
Ethylbenzene	103	102	71-134	1	30				
Toluene	101	101	80-125	1	30				
Xylene (Total)	103	103	79-125	1	30				
Batch number: Z141011AA	Sample number(s): 7421357-7421359 UNSPK: P422321								
Benzene	103	101	72-134	1	30				
Ethylbenzene	103	102	71-134	1	30				
Toluene	104	103	80-125	1	30				
Xylene (Total)	105	103	79-125	2	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: UST VOCs by 8260B - Water
Batch number: F141011AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7421351	100	100	98	96
7421352	99	97	97	98
7421353	101	99	96	97
7421354	101	97	96	97
7421355	100	98	97	98
7421356	101	98	96	95
Blank	100	99	97	94
LCS	101	99	97	97
MS	99	102	97	97
MSD	99	102	97	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F141031AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7421349	101	99	96	96
7421350	101	99	97	96
Blank	102	98	96	98
LCS	102	102	96	97
MS	102	101	96	95
MSD	102	101	96	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
Group Number: 1464994
Reported: 04/16/14 at 02:46 PM

Surrogate Quality Control

Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z141011AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7421357	105	97	101	102
7421358	106	98	99	99
7421359	106	99	99	98
Blank	103	99	98	100
LCS	103	100	99	102
MS	103	100	98	101
MSD	103	100	98	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 14097A53A

	Trifluorotoluene-F
7421349	68
7421350	80
7421351	67
7421352	79
7421353	86
7421356	73
7421357	84
7421358	69
7421359	69
Blank	69
LCS	75
LCSD	75
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 14104A94A

	Trifluorotoluene-F
7421354	94
7421355	89
Blank	84
LCS	95
LCSD	93
Limits:	63-135

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 140960008A

	Orthoterphenyl
7421350	79
7421351	73
7421352	71
7421353	64
7421354	74

*- 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: 1464994
Reported: 04/16/14 at 02:46 PM

Surrogate Quality Control

	Orthoterphenyl
7421355	80
Blank	77
LCS	69
LCSD	77
Limits:	50-150

Analysis Name: NWTPH-Dx water w/ 10g Si Gel
Batch number: 140990018A

	Orthoterphenyl
7421356	86
7421357	88
7421358	108
7421359	86
Blank	85
LCS	91
LCSD	99
Limits:	50-150

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

Chevron Northwest Region Analysis Request/Chain of Custody

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For Eurofins Lancaster Laboratories use only
Acct. # 11260 Group # 1464994 Sample # 7421349-59
Instructions on reverse side correspond with circled numbers.

SCR #: ____________

(1) Client Information

Facility # SS#9-5439-OML G-R#385873 WBS

Site Address 3876 Bridge Way North, SEATTLE, WA

Chevron PM MHO LEIDOSRS Lead Consultant Russell Shropshire

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

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

Consultant Phone # (925) 551-7444 x180

Sampler J. Payne

(4) Matrix: ☐ Sediment ☑ Ground ☐ Surface; ☐ Potable ☐ NPDES; ☐ Air; ☐ Soil; Water; ☐ Oil

(5) Analyses Requested: ☐ 8021 ☐ 8260 ☑ Naphth; ☑ NWTPH-Dx with Silica Gel Cleanup; ☐ NWTPH-Dx without Silica Gel Cleanup; ☐ WA EPH ☐ WA VPH; ☐ Diss. ☐ Total ☐ Method

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + 8260 Naphth	8260 full scan	Oxygenates	NWTPH-Gx	NWTPH-Dx with Silica Gel Cleanup	NWTPH-Dx without Silica Gel Cleanup	WA VPH	WA EPH	Lead
QA	4.2.14		X			X		2				X					
Q-GEO-1	4.2.14	1620	X			X		8	X			X	X				
Q-MW-1	4.2.14	1404	X			X		8	X			X	X				
Q-MW-2	4.2.14	1418	X			X		8	X			X	X				
Q-MW-7	4.2.14	0942	X			X		8	X			X	X				
DEW-1	4.3.14	1131	X			X		8	X			X	X				
DEW-2	4.3.14	1031	X			X		8	X			X	X				
DEW-3	4.2.14	1712	X			X		8	X			X	X				
DEW-4	4.2.14	1347	X			X		8	X			X	X				
MW-2	4.2.14	1241	X			X		8	X			X	X				
MW-3	4.2.14	1329	X			X		8	X			X	X				

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

(6) Remarks

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

8260B

(7) Turnaround Time Requested (TAT) (please circle)

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

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

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

(9)

Relinquished by	Date	Time	Received by	Date	Time
[signature]	4.4.14	1100			
Relinquished by Commercial Carrier: UPS ✓ FedEx ____ Other ____			[signature]	4/5/14	1150

Temperature Upon Receipt 0.7-1.6 °C
Custody Seals Intact? (Yes) No

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The white copy should accompany samples to Eurofins Lancaster Laboratories. The yellow copy should be retained by the client.
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Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

Data Qualifiers:

C – result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

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

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

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

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

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