June 8, 2011

Ms. Marlea Harmon
Chevron Environmental Management Company
6101 Bollinger Canyon Road, Room 5228
San Ramon, California, 94583-5186

Subject: First Quarter 2011 Groundwater Monitoring and Sampling Report
Chevron Service Station No. 352300
State Route 274, Tekoa, Washington

Dear Ms. Harmon:

SAIC Energy, Environment & Infrastructure, LLC (hereafter, SAIC) submits this report on behalf of Chevron Environmental Management Company (CEMC), to present the First Quarter 2011 groundwater monitoring and sampling results for Chevron Service Station No. 352300 in Tekoa, Washington. Quarterly groundwater monitoring and sampling was conducted by Gettler-Ryan, Inc. on March 29, 2011. The Gettler-Ryan Groundwater Monitoring and Sampling Data Package is presented as Attachment A. SAIC is performing environmental services under contract to Chevron Environmental Management Company (Chevron).

FIELD ACTIVITIES

On March 29, 2011, the depth to groundwater was measured in MW-1 through MW-5, and MW-7 (MW-6 had an obstruction in the well casing and could not be gauged or sampled). The groundwater elevation ranged from 2,491.87 (MW-3) to 2,494.41 (MW-5) feet above mean sea level. Groundwater elevation increased from 3.62 ft (MW-7) to 6.44 ft (MW-5). Groundwater flow is to the northwest at a gradient of approximately 0.017 ft/ft.

Once the depth to groundwater was measured at the wells, the wells were purged using Low-Flow (minimal drawdown) technique as discussed in United States Environmental Protection Agency (EPA) Ground Water Issue, publication number EPA/540/S-95/504 April 1996 ("Low-Flow Minimal Drawdown Ground-Water Sampling Procedures"), followed by collection of groundwater samples from Wells MW-1 through MW-5, and MW-7. A duplicate sample was collected from MW-7 and labeled DUP. A sample was not collected from MW-6 due to an obstruction in the well casing. All samples were collected in accordance with the sampling procedures described in Attachment A, and shipped under chain-of-custody protocol to Lancaster Laboratories, Inc. in Lancaster, Pennsylvania. Groundwater samples were submitted for the following analyses:

- Diesel- and heavy oil-range hydrocarbons by Washington State Department of Ecology (WDOE) Method NWTPH-Dx with silica gel clean-up;
- Gasoline-range hydrocarbons by WDOE Method NWTPH-Gx;

- Dissolved lead and total lead using EPA Method 6020;
- Polynuclear aromatic hydrocarbons (PAHs) using EPA Method 8270C SIM; and
- Volatile Organic Compounds (VOCs) including benzene, toluene, ethylbenzene, total xylenes (BTEX), and naphthalene using EPA Method 8260.

Laboratory analytical results are included as Attachment B and a potentiometric map is shown on Figure 1. Figure 2 is a monitoring well concentration map. Hydrograph figures depicting concentration trends of contaminants of interest over time for selected monitoring wells are provided as Attachment C.

RESULTS

The results of the First Quarter 2011 sampling event indicate dissolved-phase hydrocarbon concentrations detected at the groundwater monitoring wells follow a decreasing trend. In addition, the groundwater elevation, flow direction, and gradient are consistent with historical measurements.

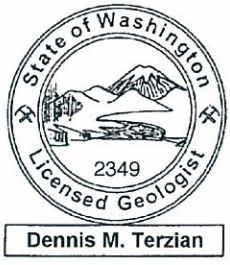
Please call Ronald Santos at (208) 429-3772 if you have any questions regarding the contents of this letter.

Sincerely,

SAIC Energy, Environment & Infrastructure, LLC

Chris Wildt
Environmental Scientist

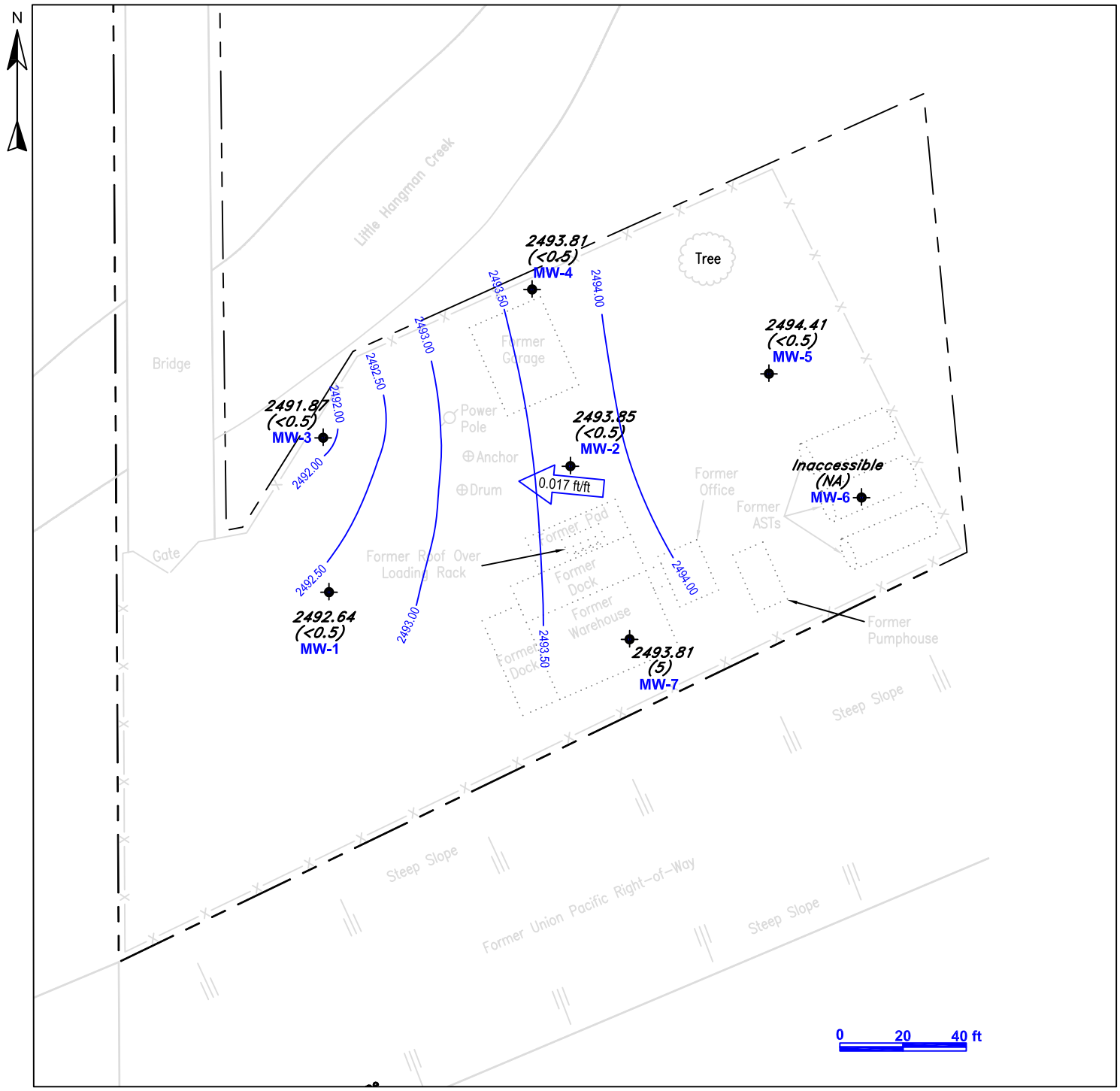
Ronald Santos
Project Manager



Dennis Terzian, LG
Sr. Project Manager

Enclosures:
Attachment A: Gettler-Ryan "Groundwater Monitoring and Sampling Data Package"
Attachment B: Laboratory Analytical Package
Attachment C: Hydrographs

cc: Patty Carter, WA Department of Ecology, Spokane WA.



LEGEND

= Monitoring Well Location

= Abandoned Monitoring Well Location

0.017 ft/ft = Approximate Groundwater Flow Direction and Gradient

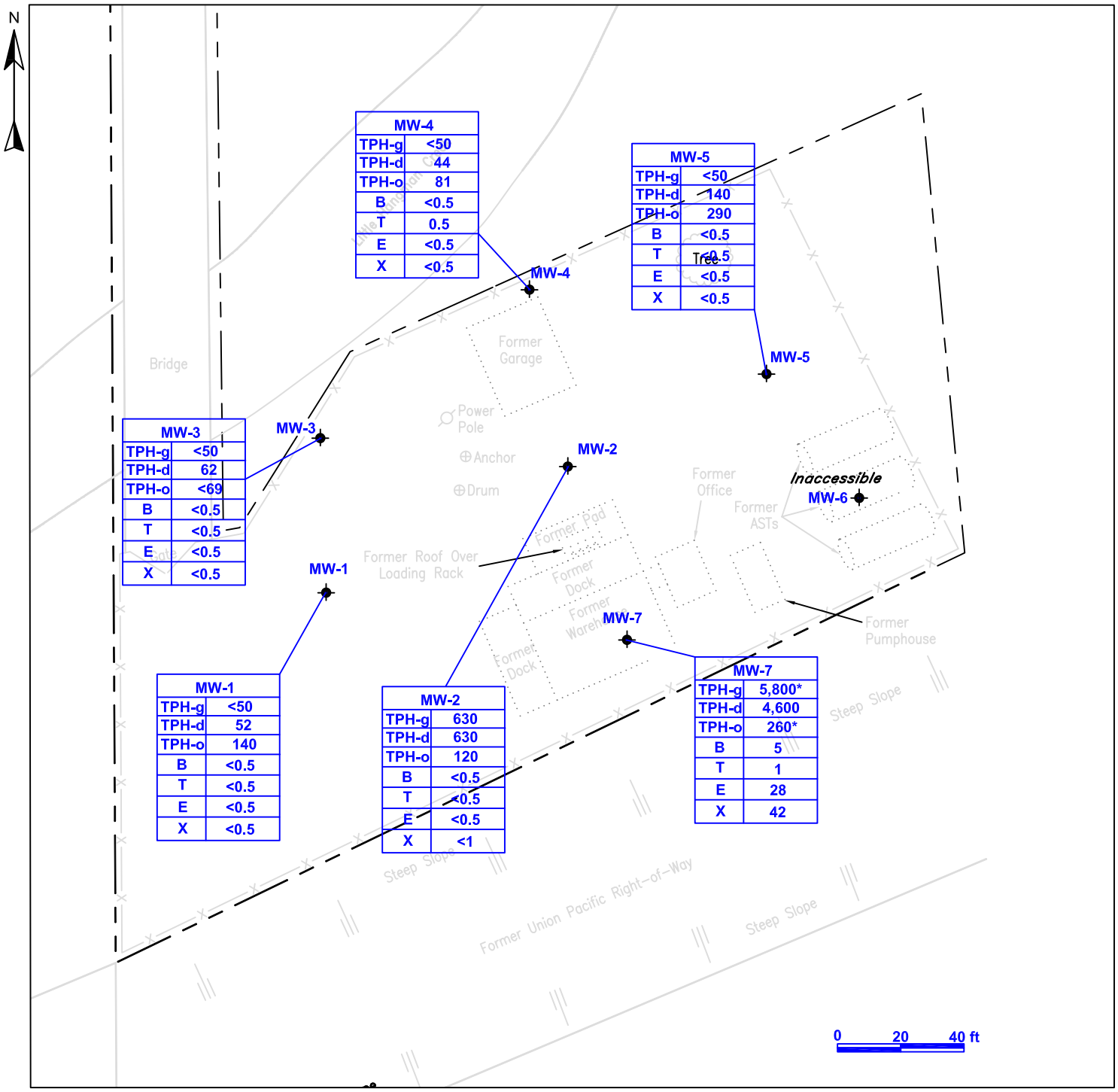
99.99 = Groundwater Elevation in feet referenced to an assigned benchmark

(50) = Benzene concentration in ug/L

--99.99-- = Groundwater elevation contour

SAIC From Science to Solutions

Potentiometric/Benzene Concentration Map	FIGURE 1
Chevron Station 352300 State Route 274, Tekoa, Washington	
Date: 5-24-11 Drawn By: CMW	



LEGEND

MW-1	
TPH-g	<50
TPH-d	52
TPH-o	140
B	<0.5
T	<0.5
E	<0.5
X	<0.5

= Monitoring Well Designation
= Total Petroleum Hydrocarbons as gasoline
= Total Petroleum Hydrocarbons as diesel
= Total Petroleum Hydrocarbons as oil
= Benezene
= Toluene
= Ethylbenzene
= Total Xylenes

⊠ = Monitoring Well Location

5,800* = Duplicate value used

Note: All concentrations listed in ug/l

SAIC From Science to Solutions

Monitoring Well Concentration Map

Chevron Station 352300
State Route 274, Tekoa, Washington

Date: 6-9-11 Drawn By: CMW

FIGURE 2

TABLE 1
GROUNDWATER ELEVATIONS, BTEX, AND MTBE ANALYTICAL RESULTS SUMMARY
CHEVRON FACILITY NO. 352300
State Route 274
Tekoa, Washington

Identification (toc)	Date Sampled	DTW (feet)	SPH Thickness (feet)	Groundwater Elevation (feet)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Dissolved Lead (µg/L)	Total Lead (µg/L)
MW-1	11/10/08	6.13	0.00	2488.46	170	<73	140	0.6[1]	<0.5	<0.5	<1.0	<0.5	<0.050	2.8
2494.59	2/9/09	3.24	0.00	2491.35	47	<66	82	<0.5	<0.5	<0.5	<1.0	<0.5	<0.050	0.36
	3/8/10	4.41	0.00	2490.18	87	<68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15	57.4
	5/17/10	6.13	0.00	2488.46	310	130	120	<0.5	<0.5	<0.5	<0.5	<0.5	0.052	181
	9/28/10	6.46	0.00	2488.13	290	260	72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	223
	3/29/11	**1.95**	**0.00**	**2492.64**	**52**	**140**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	**13.3**
MW-2	11/10/08	6.74	0.00	2488.52	2,500	420	2,400	0.9[1]	<0.5	2[1]	4.8[1]	<0.5	--	--
2495.26	2/9/09	INACCESSIBLE						--	--	--	--	--	--	--
	3/8/10	5.67	0.00	2489.59	880	<71	1,000	<0.5	<0.5	1	1	<0.5	<0.050	9.5
	5/17/10	5.99	0.00	2489.27	1,200	92	1,800	<0.5	<0.5	1	2	<0.5	<0.050	--
	9/28/10	6.76	0.00	2488.50	1,300	310	1,600	<0.5	<0.5	1	<1	<0.5	--	--
	3/29/11	**1.41**	**0.00**	**2493.85**	**630**	**120**	**630**	<0.5	<0.5	<0.5	<1	<0.5	<0.052	**13.4**
MW-3	11/10/08	6.40	0.00	2487.55	400	100	170	<0.5	<0.7	<0.8	<1.6	<0.5	<0.050	54.2
2493.95	2/9/09	INACCESSIBLE						--	--	--	--	--		
	3/8/10	3.48	0.00	2490.47					--	--	--	--		
	5/17/10	6.00	0.00	2487.95	130	<70	140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	46.4
	9/28/10	6.62	0.00	2487.33				<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	42.8
	3/29/11	**2.08**	**0.00**	**2491.87**	**62**	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	**11.8**
MW-4	11/10/08	6.53	0.00	2487.57	360	77	230	1[1]	<0.5	<0.5	<1.0	<0.5	<0.050	57.7
2494.1	2/9/09	INACCESSIBLE						--	--	--	--	--	--	--
	3/8/10	4.99	0.00	2489.11	830	<68	2,700	3	<0.5	14	16	<0.5	0.14	53.0
	5/17/10	5.33	0.00	2488.77	57	<73	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	21.0
	9/28/10	6.64	0.00	2487.46	230	280	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052	80.2
	3/29/11	**0.29**	**0.00**	**2493.81**	**44**	**81**	<50	<0.5	**0.5**	<0.5	<0.5	<0.5	**0.082**	**1.9**
MW-5	11/10/08	6.63	0.00	2488.53	1,700	1,600	240	0.6[1]	<0.5	<0.5	<1.0	<0.5	--	--
2495.16	2/9/09	0.92	0.00	2494.24	180	230	<50	<0.5	<0.5	<0.5	<1.0	<0.5	0.093	2
	3/8/10	5.87	0.00	2489.29	450	<700	71	<0.5	<0.5	<0.5	<0.5	<0.5	0.074	194
	5/17/10	5.15	0.00	2490.01	220	470	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	63.4
	9/28/10	7.19	0.00	2487.97	240	510	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
	3/29/11	**0.75**	**0.00**	**2494.41**	**140**	**290**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**4.3**	**41.5**

SAIC From Science to Solutions

TABLE 1
GROUNDWATER ELEVATIONS, BTEX, AND MTBE ANALYTICAL RESULTS SUMMARY
CHEVRON FACILITY NO. 352300
State Route 274
Tekoa, Washington

Identification (toc)	Date Sampled	DTW (feet)	SPH Thickness (feet)	Groundwater Elevation (feet)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Dissolved Lead (µg/L)	Total Lead (µg/L)
MW-6	11/10/08	5.66	0.00	2490.38	570	140	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	649
2496.04	2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
	3/8/10	5.74	0.00	2490.30	58	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	39.3
	5/17/10	3.79	0.00	2492.25	--	--	--	--	--	--	--	--	--	--
	9/28/10	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	3/29/11	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
MW-7	11/10/08	5.12	0.00	2490.54	2,500	400	4,400	2[1]	2[1]	25	49	<0.5	0.063	95.2
2495.66	2/9/09	INACCE	0.00	--	--	--	--	--	--	--	--	--	--	--
	3/8/10	4.77		2490.89	56	<69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.059	18.1
	3/8/10(D)	--		--	110	110	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050	21.9
	5/17/10	5.28	0.00	2490.38	1,600	230	3,400	7	<0.5	23	10	<0.5	<0.050	85.6
	5/17/10(D)	--	0.00	--	2,300	370	4,800	7	<0.5	25	11	<0.5	<0.050	95.9
	9/28/10	5.47	0.00	2490.19	2,100	490	3,500	4	<0.5	18	11	<0.5	<0.052	67.3
	9/28/10(D)	--	--	--	2,600	570	2,700	3	<0.5	16	10	<0.5	--	--
	3/29/11	**1.85**	**0.00**	**2493.81**	**4,600**	<350	**5,100**	**5**	**1**	**28**	**42**	<0.5	**0.069**	**80.6**
	3/29/11(D)	**--**	**--**	**--**	**2,700**	**260**	**5,800**	**5**	**1**	**28**	**40**	<0.5	<0.052	**76.2**
QA		--	--	--				<0.5	<0.5	<0.5	<0.5	--		
MTCA Method A Cleanup Levels					500	500	800	5	1,000	700	1,000	20	--	15

EXPLANATIONS:

toc = Top of casing elevation relative to assigned benchmark (feet)
D = Duplicate
DTW = Depth to water
SPH = Separate-phase hydrocarbons
µg/L = micrograms per liter
BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylenes (Analysis using EPA Method 8260B or 8021B)
MTBE = Methyl tert-butyl ether (Analysis using EPA Method 8260B)
- = Not measured, not analyzed, not sampled, or not applicable
<0.5 = Indicates analyte not detected at or above detection limit shown
Bold = Analyte detected above method detection limit
NA = Not Analyzed
a = Value listed is for total xylenes
QA = Trip blank sample

TABLE 2
GROUNDWATER ANALTYICAL RESULTS –PAH
CHEVRON SERVICE STATION NO. 35-2300
(Former Standard Oil Bulk Plant #1001152)
Tekoa, Washington
State Route 274
Concentrations reported in µg/L

Well ID/ Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) Anthracene	Benzo (a) Pyrene	Benzo (b) Fluoranthene	Benzo (g,h,i) Perylene	Benzo (k) Fluoranthene	Chrysene	Dibenz (a,h) Anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) Pyrene	Naphthalene	Phenanthrene	Pyrene
MW-1																
11/10/08[2]	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.12[3]	<0.011	<0.011
2/9/09	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
3/8/10	<0.0099	**0.12**	**0.14**	**0.18**	**0.32**	**0.51**	**0.33**	**0.22**	**0.23**	**0.084**	**0.42**	<0.0099	**0.34**	**0.028**	**0.29**	**0.33**
5/17/10	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	**0.20**	<0.050	<0.050
9/28/10	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097
3/29/11	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.029	<0.0098	<0.0098
MW-2																
11/10/08[2]	**0.041**[1]	<0.011	**0.049**[1]	<0.011	<0.011	<0.011	<0.011	<0.011	**0.013**[1]	<0.011	**0.020**[1]	**0.058**	<0.011	**12**	**0.018**[1]	**0.016**[1]
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10	**0.10**	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	**0.11**	<0.10	**10**	<0.10	<0.10
5/17/10[5]	<0.050	<0.050	**0.12**	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.059	<0.050	**8.5**	<0.050	<0.050
9/28/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3/29/11	<0.010	**0.34**	**0.020**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.26**	<0.010	**0.67**	**0.010**	<0.010
MW-3																
11/10/08[2]	**0.013**[1]	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.17[3]	**0.014**[1]	<0.011
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10[6]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/17/10[5]	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
9/28/10	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	0.28	<0.0098	<0.0098
3/29/11	<0.010	<0.010	**0.013**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.030	<0.010	**0.015**
MW-4																
11/10/08[2]	<0.011	<0.011	**0.016**[1]	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	0.089	0.017[1]	<0.011
39853	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10	**0.13**	<0.025[4]	**0.035**	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	**0.015**	**0.23**	<0.0095	**4.5**	**0.079**	**0.012**
05/17/10[5]	<0.0099	<0.0099	**0.018**	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	**0.036**	<0.0099	<0.0099
09/28/10	<0.0099	<0.0099	**0.018**	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	**0.051**	<0.0099	<0.0099
3/29/11	<0.0098	<0.0098	**0.015**	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.029	**0.011**	<0.0098

TABLE 2
GROUNDWATER ANALTYICAL RESULTS –PAH
CHEVRON SERVICE STATION NO. 35-2300
(Former Standard Oil Bulk Plant #1001152)
Tekoa, Washington
State Route 274
Concentrations reported in µg/L

Well ID/ Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) Anthracene	Benzo (a) Pyrene	Benzo (b) Fluoranthene	Benzo (g,h,i) Perylene	Benzo (k) Fluoranthene	Chrysene	Dibenz (a,h) Anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) Pyrene	Naphthalene	Phenanthrene	Pyrene
MW-5																
11/10/08[2]	**0.044**[1]	**0.31**	**0.29**	**0.63**	**1.2**	**2.0**	**0.64**	**0.62**	**0.92**	**0.20**	**1.5**	**0.064**	**0.67**	**0.29**	**0.98**	**1.2**
2/9/09	<0.010	**0.013**[1]	**0.037**[1]	**0.011**[1]	**0.014**[1]	**0.018**[1]	**0.021**[1]	**0.014**[1]	**0.013**[1]	<0.010	0.024[1]	<0.010	0.017[1]	<0.010	**0.020**[1]	0.017[1]
3/8/10[5]	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	**0.025**	<0.0095	<0.0095
5/17/10	**0.017**	**0.44**	**0.32**	**0.55**	**1.1**	**1.6**	**0.97**	**0.77**	**0.87**	**0.24**	**1.6**	**0.035**	**0.91**	**0.090**	**0.80**	**0.93**
9/28/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3/29/11	<0.0098	**0.10**	**0.13**	**0.14**	**0.17**	**0.16**	**0.24**	**0.15**	**0.15**	<0.098	**0.28**	<0.098	**0.20**	<0.29	**0.23**	**0.23**
MW-6																
11/10/08[2]	<0.011	**0.055**	**0.029**[1]	**0.044**[1]	**0.12**	**0.13**	**0.090**	**0.057**	**0.079**	**0.020**[1]	**0.21**	**0.020**[1]	**0.076**	**0.12**	**0.15**	**0.20**
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10[5]	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.25	<0.10	<0.10
5/17/10	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/10	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--	--	--
3/29/11	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7																
11/10/08	**0.18**	<0.040[4]	**0.041**[1]	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.010**[1]	**0.33**	<0.010	**6.7**	**0.057**	**0.014**[1]
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10	<0.0095	<0.0095	**0.015**	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	**0.042**	<0.0095	<0.0095
3/8/10(D)	<0.0095	<0.0095	**0.015**	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	<0.0095	**0.063**	<0.0095	<0.0095
5/17/10[5]	**0.21**	<0.060[4]	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	**0.62**	<0.050	**3.1**	**0.12**	<0.050
5/17/10(D)	INSUFFICENT WATER TO SAMPLE				--	--	--	--	--	--	--	--	--	--	--	--
09/28/10	**0.042**	**0.022**	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	<0.0098	**0.064**	<0.0098	**<0.0098**	<0.0098	<0.0098
9/28/10(D)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3/29/11	**0.13**	**0.017**	**0.035**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	**0.012**	**0.18**	<0.010	**1.8**	**0.026**	<0.010
3/29/11(D)	**0.15**	**0.018**	**0.042**	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	**0.014**	**0.41**	<0.0099	**3.9**	**0.041**	**0.010**

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Table 2

Groundwater Analytical Results - PAHs

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

EXPLANATIONS

(µg/L) = Micrograms per liter

PAHs = Polynuclear Aromatic Hydrocarbons

(D) = Duplicate

ANALYTICAL METHODS:

PAHs by EPA Method 8270C

[1] Laboratory report indicates estimated value.

[2] Laboratory report indicates due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.

[3] Laboratory report indicates due to the presence of an interferent near the retention time of naphthalene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of naphthalene.

[4] Laboratory report indicates due to the presence of an interferent near the retention time of acenaphthylene, the reporting limit was raised. This was due to the fact that the interferent had a significant abundance of ions at or near the mass of acenaphthylene.

[5] Laboratory report indicates due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

[6] Obstruction in well.

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TABLE 3
GROUNDWATER ANALYTICAL RESULTS–VOCs
CHEVRON SERVICE STATION NO. 35-2300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington
Concentrations reported in µg/L

Well ID/ Date	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
MW-1																	
11/10/08[1]	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
2/9/09	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
3/8/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
5/17/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
9/28/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	**0.096**	<1	<0.8	<0.8	<1	<1	<1
3/29/11	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
MW-2																	
11/10/08	<1	**2**[2]	**7**	<1	<0.8	<0.8	<0.8	<0.8	**17**	**10**	**16**	**22**	<0.8	<0.8	<1	**130**	**39**
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10	<1	**1**	**5**	<1	<0.8	<0.8	<0.8	<0.8	**8**	**3**	**4**	**10**	<0.8	<0.8	<1	**27**	<1
5/17/10	<1	**2**	**9**	**1**	<0.8	<0.8	<0.8	<0.8	**16**	**7**	**7**	**21**	<0.8	<0.8	<1	**69**	**21**
9/28/10	<1	**1**	**9**	**1**	<0.8	<0.8	<0.8	<0.8	**13**	<1	NA	**19**	<0.8	<0.8	<1	**16**	<1
3/29/11	<1	<1	**3**	<1	<0.8	<0.8	<0.8	<0.8	**3**	<1	<1	**3**	<0.8	<0.8	<1	**4**	<1
MW-3																	
11/10/08[3]	<1	<1	1[2]	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10[7]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/17/10	<1	<1	**2**	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
9/28/10	<1	<1	**2**	<1	<0.8	<0.8	<0.8	<0.8	<1	**0.28**	<1	<1	<0.8	<0.8	<1	<1	<1
3/29/11	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
MW-4																	
11/10/08	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10	<1	2	10	<1	<0.8	<0.8	<0.8	<0.8	**22**	**5**	**4**	**24**	<0.8	<0.8	<1	**69**	**10**
5/17/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
9/28/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	**0.051**	<1	<0.8	<0.8	<1	<1	<1
3/29/11	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1

SAIC From Science to Solutions

TABLE 3
GROUNDWATER ANALYTICAL RESULTS–VOCs
CHEVRON SERVICE STATION NO. 35-2300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington
Concentrations reported in µg/L

Well ID/ Date	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
MW-5																	
11/10/08	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
2/9/09	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
3/8/10[5]	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
5/17/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
9/28/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	NA	<1	<0.8	<0.8	<1	<1	<1
3/29/11	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
MW-6																	
11/10/08	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10[6]	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
5/17/10	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/10	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/29/11	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7																	
11/10/08[4]	<1	**5**	**11**	**1**[2]	<0.8	<0.8	<0.8	<0.8	**29**	**13**	**12**	**38**	<0.8	<0.8	<1	**150**	**59**
2/9/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/10	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
3/8/10(D)	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
5/17/10[8]	<1	**3**	**12**	**1**	<0.8	<0.8	<0.8	<0.8	**29**	**9**	**2**	**38**	<0.8	<0.8	<1	**42**	**3**
5/17/10[8] (D)	<1	**3**	**13**	**1**	<0.8	<0.8	<0.8	<0.8	**30**	**10**	**2**	**39**	<0.8	<0.8	<1	**44**	**3**
9/28/10	<1	**2**	**13**	**1**	<0.8	<0.8	<0.8	<0.8	**24**	**6**	<0.0098	**34**	<0.8	<0.8	<1	**59**	**2**
9/28/10(D)	<1	**2**	**11**	**1**	<0.8	<0.8	<0.8	<0.8	**21**	**5**	NA	**27**	<0.8	<0.8	<1	**48**	**3**
3/29/11	<1	**8**	**19**	**1**	<0.8	<0.8	<0.8	<0.8	**40**	**23**	**11**	**55**	<0.8	<0.8	<1	**210**	**57**
3/29/11(D)	<1	**8**	**18**	**2**	<0.8	<0.8	<0.8	<0.8	**35**	**22**	**12**	**56**	<0.8	<0.8	<1	**210**	**57**

Table 3

Groundwater Monitoring Data and Analytical Results - VOCs

Chevron Service Station #352300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington

EXPLANATIONS

(µg/L) = Micrograms per liter
VOC = Volatile Organic Compounds
(D) = Duplicate

♦ **All other VOCs by EPA Method 8260B were less than the reporting limit unless noted.**

[1] Laboratory report indicates Carbon Disulfide was detected at 1 µg/L (estimated value).
[2] Laboratory report indicates estimated value.
[3] Laboratory report indicates Carbon Disulfide was detected at 2 µg/L (estimated value).
[4] Laboratory report indicates 1,2 - Dichloroethane was detected at 4 µg/L and Acetone was detected at 23 µg/L.
[5] Laboratory report indicates Carbon Disulfide was detected at 2 µg/L.
[6] Laboratory report indicates Carbon Disulfide was detected at 1 µg/L.
[7] Obstruction in well.

ANALYTICAL METHODS:

VOCs by EPA Method 8260B

SAIC From Science to Solutions

Attachment A:
Gettler-Ryan Groundwater Monitoring and Sampling Data Package

GETTLER-RYAN INC.

TRANSMITTAL

April 7, 2010
G-R #385853

TO: Mr. Ronald Santos
SAIC
405 South 8th Street, Suite 301
Boise, Idaho 83702

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

RE: Chevron Facility #352300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **First Quarter Event of March 29, 2011**

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/352300

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	**Chevron #352300**	Date: 3-29-11
Address:	**State Route 274**	
City/St.:	**Tekoa,WA**	
Status of Site:	VACANT LOT	

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

#	Description	Condition	Labeling	Contents	Location
	NO DRUMS				

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

Well ID	Well Box	Bolts	Well Plug	Well Lock	Other
MW-1	OK	OK	OK	OK	
MW-2	↓	↓	↓	↓	
MW-3	↓	↓	↓	↓	
MW-4	↓	↓	↓	↓	
MW-5	↓	↓	↓	↓	
MW-6	OBSTRUCTED AT 4 FEET	↓	↓	↓	
MW-7	OK	↓	↓	↓	

Additional Comments/Observations:

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

Purging and Water Quality Parameter Measurement

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

Sample Collection

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-29-11 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-1 Date Monitored: 3-29-11
Well Diameter 2 in.
Total Depth 8.96 ft.
Depth to Water 1.95 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1140 Weather Conditions: RAIN
Sample Time/Date: 1210 / 3-29-11 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200 ml/ppm. Sediment Description: None
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 1.96

Time (2400 hr.)	Volume (~~gal~~ L)	pH	Conductivity (µmhos/cm - (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1155	3	6.67	292	4.8			1.96
1158	3.6	6.74	292	4.8			1.96
1201	4.2	6.71	294	4.8			1.96

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	3 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: ____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-29-11 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-2 Date Monitored: 3-29-11
Well Diameter 2 in.
Total Depth 8.5 ft.
Depth to Water 1.41 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1330 Weather Conditions: RAIN
Sample Time/Date: 1400 / 3-29-11 Water Color: Clear Odor: (Y) / N Light
Approx. Flow Rate: 200 ml ~~gpm~~. Sediment Description: none
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 1.41

Time (2400 hr.)	Volume ~~gal~~ L	pH	Conductivity (µmhos/cm (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1345	3	6.61	319	4.9			1.41
1349	3.6	6.67	326	4.9			1.41
1355	4.2	6.67	324	4.9			1.41

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: ____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-29-11 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-3 Date Monitored: 3-29-11
Well Diameter 2 in.
Total Depth 9.67 ft.
Depth to Water 2.08 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1050 Weather Conditions: RAIN
Sample Time/Date: 1120 / 3-29-11 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 200ml/min. Sediment Description: None
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 2.08

Time (2400 hr.)	Volume ~~400~~	pH	Conductivity (µmhos/cm - µS)	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1105	3	6.42	542	4.3			2.08
1108	3.6	6.48	547	4.4			2.08
1111	4.2	6.49	547	4.4			2.08

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-29-11 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-4 Date Monitored: 3-29-11
Well Diameter 2 in.
Total Depth 10.31 ft.
Depth to Water 0.29 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1000 Weather Conditions: Cloudy
Sample Time/Date: 1030 3-29-11 Water Color: Clear Odor: Y (N)
Approx. Flow Rate: 200ml gpm. Sediment Description: None
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 0.30

Time (2400 hr.)	Volume 2	pH	Conductivity (µmhos/cm (µS))	Temperature (C) / F	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1015	3	6.59	473	4.7			0.30
1018	3.6	6.62	477	4.2			0.30
1021	4.2	6.63	476	4.2			0.30

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-29-11 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-5 Date Monitored: 3-29-11
Well Diameter 2 in.
Total Depth 9.24 ft.
Depth to Water 0.75 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1240 Weather Conditions: RAIN
Sample Time/Date: 1310 / 3-29-11 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: 200ml gpm. Sediment Description: none
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 0.75

Time (2400 hr.)	Volume ~~gal~~ L	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1255	3	6.81	427	5.2			0.75
1258	3.6	6.81	431	5.2			0.75
1301	4.2	6.84	430	5.2			0.75

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	1 x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	1 x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #352300** Job Number: **385853**

Site Address: **State Route 274** Event Date: 3-29-11 (inclusive)

City: **Tekoa,WA** Sampler: ML

Well ID MW-6 Date Monitored: —

Well Diameter 2 in.

Total Depth 9.75 ft.

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

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

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

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer	
Pressure Bailer	
Discrete Bailer	
Peristaltic Pump	
QED Bladder Pump	
Other:	✓

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

Start Time (purge): _____ Weather Conditions: _____

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

Approx. Flow Rate: _____ gpm. Sediment Description: _____

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS: OBSTRUCTED AT ~4 FEET.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-29-11 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-7 Date Monitored: 3-29-11
Well Diameter 2 in.
Total Depth 10.15 ft.
Depth to Water 1.85 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

Start Time (purge): 1420 Weather Conditions: RAIN
Sample Time/Date: 1450 / 3-29-11 Water Color: Clear Odor: (Y) / N STRONG
Approx. Flow Rate: 200 ml/ gpm. Sediment Description: none
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 1.85

Time (2400 hr.)	Volume (L)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1435	3	6.76	302	4.7			1.85
1438	3.6	6.80	309	4.7			1.85
1441	4.2	6.81	308	4.8			1.85

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	NWTPH-Gx/VOC's(8260)
	2 x 1 liter ambers	YES	HCL	LANCASTER	NWTPH-Dx w/sg
	2 x 1 liter ambers	YES	Na2S2O3	LANCASTER	PAH's (8270 SIM)
	(x 500ml poly	YES	HNO3	LANCASTER	TOTAL LEAD (ICP/MS 6020)
	(x 500ml poly	YES	NP	LANCASTER	DISSOLVED LEAD (ICP/MS 6020)

COMMENTS:

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

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

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

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

Facility #: SS#352300-OML G-R#385853
Site Address: State Route 274, TEKOA, WA
Chevron PM: MH Lead Consultant: SAICRS Santos
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: MIKE LOMBARD
Service Order #: _____ ☐ Non SAR: _____

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

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil ☐ Air ☐	Total Number of Containers	Preservation Codes	Analyses Requested: BTEX + MTBE 8021 ☐ 8260 ☒ Naphth ☐	8260 full scan VOCs (8260)	Oxygenates ___	TPH G	TPH D	Extended Rng. ☐ Silica Gel Cleanup ☒ Lead Total ☐ Diss.	Method LUFT	VPH/EPH	NWTPH H HCID ☐ quantification	PAHs (8270 SIM)	Total Lead (6020)
QA	3-29-11		X			X		2	H	X			X							
MW-1		1210	X			X		12	H		X		X	X	X				X	X
MW-2		1100	X			X		12	H		X		X	X	X				X	X
MW-3		1120	X			X		12	H		X		X	X	X				X	X
MW-4		1030	X			X		12	H		X		X	X	X				X	X
MW-5		1310	X			X		12	H		X		X	X	X				X	X
MW-7		1450	X			X		12	H		X		X	X	X				X	X
DUP	↓		X			X		12	H		X		X	X	X				X	X

Comments / Remarks

"DISSOLVED LEAD SAMPLES TO BE LAB FILTERED PRIOR TO PRESERVING WITH HNO3."

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
	4-1-11	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Attachment B:
Laboratory Analytical Package

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

April 14, 2011

Project: 352300

Submittal Date: 04/02/2011
Group Number: 1240268
PO Number: 0015061824
Release Number: HUNTER
State of Sample Origin: WA

Client Sample Description	Lancaster Labs (LLI) #
QA NA Water	6247410
MW-1 Grab Water	6247411
MW-1 Filtered Grab Water	6247412
MW-2 Grab Water	6247413
MW-2 Filtered Grab Water	6247414
MW-3 Grab Water	6247415
MW-3 Filtered Grab Water	6247416
MW-4 Grab Water	6247417
MW-4 Filtered Grab Water	6247418
MW-5 Grab Water	6247419
MW-5 Filtered Grab Water	6247420
MW-7 Grab Water	6247421
MW-7 Filtered Grab Water	6247422
DUP Grab Water	6247423
DUP Filtered Grab Water	6247424

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

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

Lancaster Laboratories

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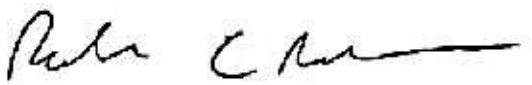
Analysis Report

COPY TO
ELECTRONIC SAIC Attn: Ron Santos
COPY TO

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

Respectfully Submitted,



Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: QA NA Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247410
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74TQA

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

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	D110962AA	04/06/2011 20:42	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D110962AA	04/06/2011 20:42	Daniel H Heller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11094B20A	04/04/2011 23:42	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B20A	04/04/2011 23:42	Laura M Krieger	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247411
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 12:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T01

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	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	N.D.	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1

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Analysis Report

Sample Description: MW-1 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247411
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 12:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T01

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**	
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	N.D.	0.0098	1
08357	Acenaphthylene	208-96-8	N.D.	0.0098	1
08357	Anthracene	120-12-7	N.D.	0.0098	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0098	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0098	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0098	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0098	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0098	1
08357	Chrysene	218-01-9	N.D.	0.0098	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0098	1
08357	Fluoranthene	206-44-0	N.D.	0.0098	1
08357	Fluorene	86-73-7	N.D.	0.0098	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0098	1
08357	Naphthalene	91-20-3	N.D.	0.029	1
08357	Phenanthrene	85-01-8	N.D.	0.0098	1
08357	Pyrene	129-00-0	N.D.	0.0098	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	52	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	140	69	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	13.3	0.052	1

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Analysis Report

Sample Description: MW-1 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247411
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 12:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T01

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W111012AA	04/11/2011 21:37	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W111012AA	04/11/2011 21:37	Kevin A Sposito	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	11094WAC026	04/05/2011 18:29	Gregory J Drahovsky	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	11094WAC026	04/05/2011 07:00	Olivia Arosemena	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11094B20A	04/05/2011 04:25	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B20A	04/05/2011 04:25	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	110940042A	04/12/2011 00:19	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	110940042A	04/06/2011 09:30	Kathryn I DeHaven	1
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:19	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-1 Filtered Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247412
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 12:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.052	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:30	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-2 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247413
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:00 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T02

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	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	3	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	3	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	3	1	1
10903	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1

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Analysis Report

Sample Description: MW-2 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247413
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:00 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T02

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**	
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	4	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	N.D.	0.010	1
08357	Acenaphthylene	208-96-8	0.34	0.010	1
08357	Anthracene	120-12-7	0.020	0.010	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Fluoranthene	206-44-0	N.D.	0.010	1
08357	Fluorene	86-73-7	0.26	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	Naphthalene	91-20-3	0.67	0.030	1
08357	Phenanthrene	85-01-8	0.010	0.010	1
08357	Pyrene	129-00-0	N.D.	0.010	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	630	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	630	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	120	70	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	13.4	0.052	1

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Analysis Report

Sample Description: MW-2 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247413
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:00 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T02

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W111012AA	04/11/2011 22:00	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W111012AA	04/11/2011 22:00	Kevin A Sposito	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	11094WAC026	04/05/2011 19:00	Gregory J Drahovsky	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	11094WAC026	04/05/2011 07:00	Olivia Arosemena	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11094B20A	04/05/2011 05:30	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B20A	04/05/2011 05:30	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	110940042A	04/12/2011 00:40	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	110940042A	04/06/2011 09:30	Kathryn I DeHaven	1
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:32	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-2 Filtered Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247414
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:00 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	N.D.	0.052	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:37	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-3 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247415
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 11:20 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T03

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	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	N.D.	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1

Sample Description: MW-3 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247415
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 11:20 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T03

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**	
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	N.D.	0.010	1
08357	Acenaphthylene	208-96-8	N.D.	0.010	1
08357	Anthracene	120-12-7	0.013	0.010	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Fluoranthene	206-44-0	N.D.	0.010	1
08357	Fluorene	86-73-7	N.D.	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	Naphthalene	91-20-3	N.D.	0.030	1
08357	Phenanthrene	85-01-8	N.D.	0.010	1
08357	Pyrene	129-00-0	0.015	0.010	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	62	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	11.8	0.052	1

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Analysis Report

Sample Description: MW-3 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247415
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 11:20 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T03

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W111012AA	04/11/2011 22:24	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W111012AA	04/11/2011 22:24	Kevin A Sposito	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	11094WAC026	04/05/2011 19:32	Gregory J Drahovsky	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	11094WAC026	04/05/2011 07:00	Olivia Arosemena	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11094B20A	04/05/2011 05:52	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B20A	04/05/2011 05:52	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	110940042A	04/12/2011 01:02	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	110940042A	04/06/2011 09:30	Kathryn I DeHaven	1
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:39	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-3 Filtered Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247416
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 11:20 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	N.D.	0.052	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:41	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-4 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247417
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 10:30 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T04

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	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	N.D.	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1

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Analysis Report

Sample Description: MW-4 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247417
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 10:30 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T04

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**	
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	0.5	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	N.D.	0.0098	1
08357	Acenaphthylene	208-96-8	N.D.	0.0098	1
08357	Anthracene	120-12-7	0.015	0.0098	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0098	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0098	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0098	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0098	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0098	1
08357	Chrysene	218-01-9	N.D.	0.0098	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0098	1
08357	Fluoranthene	206-44-0	N.D.	0.0098	1
08357	Fluorene	86-73-7	N.D.	0.0098	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0098	1
08357	Naphthalene	91-20-3	N.D.	0.029	1
08357	Phenanthrene	85-01-8	0.011	0.0098	1
08357	Pyrene	129-00-0	N.D.	0.0098	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	44	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	81	70	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	1.9	0.052	1

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Analysis Report

Sample Description: MW-4 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247417
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 10:30 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T04

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W111012AA	04/11/2011 22:48	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W111012AA	04/11/2011 22:48	Kevin A Sposito	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	11094WAC026	04/05/2011 20:04	Gregory J Drahovsky	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	11094WAC026	04/05/2011 07:00	Olivia Arosemena	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11094B20A	04/05/2011 06:14	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11094B20A	04/05/2011 06:14	Laura M Krieger	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	110940042A	04/12/2011 01:24	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	110940042A	04/06/2011 09:30	Kathryn I DeHaven	1
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:43	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-4 Filtered Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247418
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 10:30 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	0.082	0.052	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:44	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-5 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247419
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 13:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T05

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	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	N.D.	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	N.D.	1	1
10903	sec-Butylbenzene	135-98-8	N.D.	1	1
10903	tert-Butylbenzene	98-06-6	N.D.	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	N.D.	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	N.D.	1	1
10903	p-Isopropyltoluene	99-87-6	N.D.	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	N.D.	1	1
10903	n-Propylbenzene	103-65-1	N.D.	1	1
10903	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1

Sample Description: MW-5 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247419
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 13:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T05

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**	
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	N.D.	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	N.D.	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	N.D.	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	N.D.	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	N.D.	0.098	10
08357	Acenaphthylene	208-96-8	0.10	0.098	10
08357	Anthracene	120-12-7	0.13	0.098	10
08357	Benzo(a)anthracene	56-55-3	0.14	0.098	10
08357	Benzo(a)pyrene	50-32-8	0.17	0.098	10
08357	Benzo(b)fluoranthene	205-99-2	0.16	0.098	10
08357	Benzo(g,h,i)perylene	191-24-2	0.24	0.098	10
08357	Benzo(k)fluoranthene	207-08-9	0.15	0.098	10
08357	Chrysene	218-01-9	0.15	0.098	10
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.098	10
08357	Fluoranthene	206-44-0	0.28	0.098	10
08357	Fluorene	86-73-7	N.D.	0.098	10
08357	Indeno(1,2,3-cd)pyrene	193-39-5	0.20	0.098	10
08357	Naphthalene	91-20-3	N.D.	0.29	10
08357	Phenanthrene	85-01-8	0.23	0.098	10
08357	Pyrene	129-00-0	0.23	0.098	10
Reporting limits were raised due to interference from the sample matrix.					
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	N.D.	50	1
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	140	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	290	70	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	41.5	0.052	1

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Analysis Report

Sample Description: MW-5 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247419
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 13:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T05

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W111012AA	04/11/2011 23:11	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W111012AA	04/11/2011 23:11	Kevin A Sposito	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	11094WAC026	04/05/2011 20:36	Gregory J Drahovsky	10
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	11094WAC026	04/05/2011 07:00	Olivia Arosemena	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11101A20A	04/12/2011 00:58	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11101A20A	04/12/2011 00:58	Elizabeth J Marin	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	110940042A	04/13/2011 00:46	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	110940042A	04/06/2011 09:30	Kathryn I DeHaven	1
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:46	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-5 Filtered Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247420
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 13:10 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	4.3	0.052	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:48	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-7 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247421
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:50 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T07

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**	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	5	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	8	1	1
10903	sec-Butylbenzene	135-98-8	19	1	1
10903	tert-Butylbenzene	98-06-6	1	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	28	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	40	1	1
10903	p-Isopropyltoluene	99-87-6	23	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	11	1	1
10903	n-Propylbenzene	103-65-1	55	1	1
10903	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1

Sample Description: MW-7 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247421
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:50 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T07

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**	
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	1	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	210	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	57	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	33	0.5	1
10903	o-Xylene	95-47-6	9	0.5	1
10903	Xylene (Total)	1330-20-7	42	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	0.13	0.010	1
08357	Acenaphthylene	208-96-8	0.017	0.010	1
08357	Anthracene	120-12-7	0.035	0.010	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.010	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.010	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.010	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.010	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.010	1
08357	Chrysene	218-01-9	N.D.	0.010	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.010	1
08357	Fluoranthene	206-44-0	0.012	0.010	1
08357	Fluorene	86-73-7	0.18	0.010	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.010	1
08357	Naphthalene	91-20-3	1.8	0.030	1
08357	Phenanthrene	85-01-8	0.026	0.010	1
08357	Pyrene	129-00-0	N.D.	0.010	1
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.				
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	5,100	250	5
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	4,600	150	5
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	350	5
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	80.6	0.052	1

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Analysis Report

Sample Description: MW-7 Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247421
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:50 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74T07

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W111012AA	04/11/2011 23:35	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W111012AA	04/11/2011 23:35	Kevin A Sposito	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	11094WAC026	04/05/2011 21:07	Gregory J Drahovsky	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	11094WAC026	04/05/2011 07:00	Olivia Arosemena	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11101A20A	04/12/2011 11:31	Elizabeth J Marin	5
01146	GC VOA Water Prep	SW-846 5030B	1	11101A20A	04/12/2011 11:31	Elizabeth J Marin	5
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	110940042A	04/12/2011 23:19	Glorines Suarez-Rivera	5
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	110940042A	04/06/2011 09:30	Kathryn I DeHaven	1
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:50	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: MW-7 Filtered Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247422
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 14:50 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	0.069	0.052	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:52	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: DUP Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247423
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74TFD

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	
10903	Acetone	67-64-1	N.D.	6	1
10903	Benzene	71-43-2	5	0.5	1
10903	Bromobenzene	108-86-1	N.D.	1	1
10903	Bromochloromethane	74-97-5	N.D.	1	1
10903	Bromodichloromethane	75-27-4	N.D.	1	1
10903	Bromoform	75-25-2	N.D.	1	1
10903	Bromomethane	74-83-9	N.D.	1	1
10903	2-Butanone	78-93-3	N.D.	3	1
10903	n-Butylbenzene	104-51-8	8	1	1
10903	sec-Butylbenzene	135-98-8	18	1	1
10903	tert-Butylbenzene	98-06-6	2	1	1
10903	Carbon Disulfide	75-15-0	N.D.	1	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1	1
10903	Chlorobenzene	108-90-7	N.D.	0.8	1
10903	Chloroethane	75-00-3	N.D.	1	1
10903	Chloroform	67-66-3	N.D.	0.8	1
10903	Chloromethane	74-87-3	N.D.	1	1
10903	2-Chlorotoluene	95-49-8	N.D.	1	1
10903	4-Chlorotoluene	106-43-4	N.D.	1	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2	1
10903	Dibromochloromethane	124-48-1	N.D.	1	1
10903	1,2-Dibromoethane	106-93-4	N.D.	0.5	1
10903	Dibromomethane	74-95-3	N.D.	1	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1	1
10903	1,2-Dichloroethane	107-06-2	N.D.	0.5	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.8	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1	1
10903	1,3-Dichloropropane	142-28-9	N.D.	1	1
10903	2,2-Dichloropropane	594-20-7	N.D.	1	1
10903	1,1-Dichloropropene	563-58-6	N.D.	1	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10903	Ethylbenzene	100-41-4	28	0.5	1
10903	Hexachlorobutadiene	87-68-3	N.D.	2	1
10903	2-Hexanone	591-78-6	N.D.	3	1
10903	Isopropylbenzene	98-82-8	35	1	1
10903	p-Isopropyltoluene	99-87-6	22	1	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10903	4-Methyl-2-pentanone	108-10-1	N.D.	3	1
10903	Methylene Chloride	75-09-2	N.D.	2	1
10903	Naphthalene	91-20-3	12	1	1
10903	n-Propylbenzene	103-65-1	56	1	1
10903	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1

Sample Description: DUP Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247423
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74TFD

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**	
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10903	Tetrachloroethene	127-18-4	N.D.	0.8	1
10903	Toluene	108-88-3	1	0.5	1
10903	1,2,3-Trichlorobenzene	87-61-6	N.D.	1	1
10903	1,2,4-Trichlorobenzene	120-82-1	N.D.	1	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	1
10903	Trichloroethene	79-01-6	N.D.	1	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1	1
10903	1,2,4-Trimethylbenzene	95-63-6	210	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	57	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	32	0.5	1
10903	o-Xylene	95-47-6	8	0.5	1
10903	Xylene (Total)	1330-20-7	40	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		**ug/l**	**ug/l**	
08357	Acenaphthene	83-32-9	0.15	0.0099	1
08357	Acenaphthylene	208-96-8	0.018	0.0099	1
08357	Anthracene	120-12-7	0.042	0.0099	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0099	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0099	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0099	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0099	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0099	1
08357	Chrysene	218-01-9	N.D.	0.0099	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0099	1
08357	Fluoranthene	206-44-0	0.014	0.0099	1
08357	Fluorene	86-73-7	0.41	0.0099	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0099	1
08357	Naphthalene	91-20-3	3.9	0.030	1
08357	Phenanthrene	85-01-8	0.041	0.0099	1
08357	Pyrene	129-00-0	0.010	0.0099	1
	The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.				
GC Volatiles	**ECY 97-602 NWTPH-Gx**		**ug/l**	**ug/l**	
08273	NWTPH-Gx water C7-C12	n.a.	5,800	1,000	20
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		**ug/l**	**ug/l**	
02211	DRO C12-C24 w/Si Gel	n.a.	2,700	59	2
02211	HRO C24-C40 w/Si Gel	n.a.	260	140	2
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	76.2	0.052	1

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Analysis Report

Sample Description: DUP Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247423
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

74TFD

General Sample Comments

State of Washington Lab Certification No. C259

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Solvent Compound - Water	SW-846 8260B	1	W111025AA	04/12/2011 16:43	Lauren C Temple	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W111025AA	04/12/2011 16:43	Lauren C Temple	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	11094WAC026	04/05/2011 21:39	Gregory J Drahovsky	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	11094WAC026	04/05/2011 07:00	Olivia Arosemena	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	11101A20A	04/12/2011 11:01	Elizabeth J Marin	20
01146	GC VOA Water Prep	SW-846 5030B	1	11101A20A	04/12/2011 11:01	Elizabeth J Marin	20
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	110940042A	04/12/2011 23:41	Glorines Suarez-Rivera	2
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	110940042A	04/06/2011 09:30	Kathryn I DeHaven	1
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:53	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

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Analysis Report

Sample Description: DUP Filtered Grab Water
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 6247424
LLI Group # 1240268
Account # 11260

Project Name: 352300

Collected: 03/29/2011 by ML

Submitted: 04/02/2011 09:15
Reported: 04/14/2011 15:45

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals Dissolved	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	N.D.	0.052	1

General Sample Comments

State of Washington Lab Certification No. C259
This sample was filtered in the lab for dissolved metals.

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
06035	Lead	SW-846 6020	1	110946050011A	04/06/2011 21:59	David K Beck	1
06050	ICP/MS SW-846 Water Digest	SW-846 3010A modified	1	110946050011	04/06/2011 12:57	James L Mertz	1

Quality Control Summary

Client Name: Chevron Group Number: 1240268
Reported: 04/14/11 at 03:45 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D110962AA	Sample number(s): 6247410							
Benzene	N.D.	0.5	ug/l	84		79-120		
Ethylbenzene	N.D.	0.5	ug/l	83		79-120		
Toluene	N.D.	0.5	ug/l	86		79-120		
Xylene (Total)	N.D.	0.5	ug/l	86		80-120		
Batch number: W111012AA	Sample number(s): 6247411,6247413,6247415,6247417,6247419,6247421							
Acetone	N.D.	6.	ug/l	93		49-234		
Benzene	N.D.	0.5	ug/l	104		79-120		
Bromobenzene	N.D.	1.	ug/l	98		80-120		
Bromochloromethane	N.D.	1.	ug/l	99		80-120		
Bromodichloromethane	N.D.	1.	ug/l	98		80-120		
Bromoform	N.D.	1.	ug/l	93		61-120		
Bromomethane	N.D.	1.	ug/l	95		44-120		
2-Butanone	N.D.	3.	ug/l	91		66-151		
n-Butylbenzene	N.D.	1.	ug/l	94		74-120		
sec-Butylbenzene	N.D.	1.	ug/l	97		78-120		
tert-Butylbenzene	N.D.	1.	ug/l	99		80-120		
Carbon Disulfide	N.D.	1.	ug/l	99		62-120		
Carbon Tetrachloride	N.D.	1.	ug/l	99		75-123		
Chlorobenzene	N.D.	0.8	ug/l	99		80-120		
Chloroethane	N.D.	1.	ug/l	94		49-129		
Chloroform	N.D.	0.8	ug/l	102		77-122		
Chloromethane	N.D.	1.	ug/l	91		60-129		
2-Chlorotoluene	N.D.	1.	ug/l	99		80-120		
4-Chlorotoluene	N.D.	1.	ug/l	100		80-120		
1,2-Dibromo-3-chloropropane	N.D.	2.	ug/l	89		56-126		
Dibromochloromethane	N.D.	1.	ug/l	98		80-120		
1,2-Dibromoethane	N.D.	0.5	ug/l	100		80-120		
Dibromomethane	N.D.	1.	ug/l	103		80-120		
1,2-Dichlorobenzene	N.D.	1.	ug/l	100		80-120		
1,3-Dichlorobenzene	N.D.	1.	ug/l	99		80-120		
1,4-Dichlorobenzene	N.D.	1.	ug/l	100		80-120		
Dichlorodifluoromethane	N.D.	2.	ug/l	79		47-120		
1,1-Dichloroethane	N.D.	1.	ug/l	101		79-120		
1,2-Dichloroethane	N.D.	0.5	ug/l	101		70-130		
1,1-Dichloroethene	N.D.	0.8	ug/l	107		74-123		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	102		80-120		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	102		80-120		
1,2-Dichloropropane	N.D.	1.	ug/l	95		78-120		
1,3-Dichloropropane	N.D.	1.	ug/l	98		80-120		
2,2-Dichloropropane	N.D.	1.	ug/l	99		77-124		
1,1-Dichloropropene	N.D.	1.	ug/l	101		80-120		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	97		80-120		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	91		79-120		
Ethylbenzene	N.D.	0.5	ug/l	96		79-120		
Hexachlorobutadiene	N.D.	2.	ug/l	84		58-120		

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

Quality Control Summary

Client Name: Chevron Group Number: 1240268
Reported: 04/14/11 at 03:45 PM

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Hexanone	N.D.	3.	ug/l	86		65-136		
Isopropylbenzene	N.D.	1.	ug/l	99		77-120		
p-Isopropyltoluene	N.D.	1.	ug/l	96		80-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	100		76-120		
4-Methyl-2-pentanone	N.D.	3.	ug/l	90		70-121		
Methylene Chloride	N.D.	2.	ug/l	104		80-120		
Naphthalene	N.D.	1.	ug/l	94		62-120		
n-Propylbenzene	N.D.	1.	ug/l	97		80-120		
Styrene	N.D.	1.	ug/l	99		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.	ug/l	99		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	97		71-120		
Tetrachloroethene	N.D.	0.8	ug/l	98		80-121		
Toluene	N.D.	0.5	ug/l	96		79-120		
1,2,3-Trichlorobenzene	N.D.	1.	ug/l	93		65-120		
1,2,4-Trichlorobenzene	N.D.	1.	ug/l	92		67-120		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	98		75-127		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	100		80-120		
Trichloroethene	N.D.	1.	ug/l	100		80-120		
Trichlorofluoromethane	N.D.	2.	ug/l	95		64-129		
1,2,3-Trichloropropane	N.D.	1.	ug/l	98		80-120		
1,2,4-Trimethylbenzene	N.D.	1.	ug/l	96		74-120		
1,3,5-Trimethylbenzene	N.D.	1.	ug/l	99		75-120		
Vinyl Chloride	N.D.	1.	ug/l	84		65-125		
m+p-Xylene	N.D.	0.5	ug/l	99		80-120		
o-Xylene	N.D.	0.5	ug/l	97		80-120		
Xylene (Total)	N.D.	0.5	ug/l	98		80-120		
Batch number: W111025AA	Sample number(s): 6247423							
Acetone	N.D.	6.	ug/l	91	92	49-234	2	30
Benzene	N.D.	0.5	ug/l	97	99	79-120	2	30
Bromobenzene	N.D.	1.	ug/l	92	95	80-120	3	30
Bromochloromethane	N.D.	1.	ug/l	92	93	80-120	2	30
Bromodichloromethane	N.D.	1.	ug/l	99	105	80-120	6	30
Bromoform	N.D.	1.	ug/l	92	81	61-120	12	30
Bromomethane	N.D.	1.	ug/l	97	97	44-120	0	30
2-Butanone	N.D.	3.	ug/l	85	87	66-151	3	30
n-Butylbenzene	N.D.	1.	ug/l	99	95	74-120	4	30
sec-Butylbenzene	N.D.	1.	ug/l	111	95	78-120	15	30
tert-Butylbenzene	N.D.	1.	ug/l	93	94	80-120	2	30
Carbon Disulfide	N.D.	1.	ug/l	94	94	62-120	0	30
Carbon Tetrachloride	N.D.	1.	ug/l	93	92	75-123	1	30
Chlorobenzene	N.D.	0.8	ug/l	100	97	80-120	3	30
Chloroethane	N.D.	1.	ug/l	110	107	49-129	3	30
Chloroform	N.D.	0.8	ug/l	92	93	77-122	1	30
Chloromethane	N.D.	1.	ug/l	92	87	60-129	6	30
2-Chlorotoluene	N.D.	1.	ug/l	92	98	80-120	6	30
4-Chlorotoluene	N.D.	1.	ug/l	94	97	80-120	3	30
1,2-Dibromo-3-chloropropane	N.D.	2.	ug/l	84	91	56-126	7	30
Dibromochloromethane	N.D.	1.	ug/l	99	97	80-120	2	30
1,2-Dibromoethane	N.D.	0.5	ug/l	105	103	80-120	2	30
Dibromomethane	N.D.	1.	ug/l	105	112	80-120	6	30
1,2-Dichlorobenzene	N.D.	1.	ug/l	92	98	80-120	6	30
1,3-Dichlorobenzene	N.D.	1.	ug/l	101	96	80-120	5	30
1,4-Dichlorobenzene	N.D.	1.	ug/l	100	95	80-120	5	30
Dichlorodifluoromethane	N.D.	2.	ug/l	79	71	47-120	10	30
1,1-Dichloroethane	N.D.	1.	ug/l	95	94	79-120	1	30
1,2-Dichloroethane	N.D.	0.5	ug/l	91	92	70-130	1	30
1,1-Dichloroethene	N.D.	0.8	ug/l	102	105	74-123	3	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: 1240268
Reported: 04/14/11 at 03:45 PM

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	98	99	80-120	1	30
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	100	99	80-120	1	30
1,2-Dichloropropane	N.D.	1.	ug/l	111	115	78-120	4	30
1,3-Dichloropropane	N.D.	1.	ug/l	114	102	80-120	10	30
2,2-Dichloropropane	N.D.	1.	ug/l	88	89	77-124	1	30
1,1-Dichloropropene	N.D.	1.	ug/l	95	93	80-120	1	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	99	106	80-120	7	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	98	98	79-120	1	30
Ethylbenzene	N.D.	0.5	ug/l	97	95	79-120	2	30
Hexachlorobutadiene	N.D.	2.	ug/l	79	85	58-120	8	30
2-Hexanone	N.D.	3.	ug/l	105	100	65-136	4	30
Isopropylbenzene	N.D.	1.	ug/l	104	94	77-120	11	30
p-Isopropyltoluene	N.D.	1.	ug/l	106	95	80-120	11	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91	94	76-120	3	30
4-Methyl-2-pentanone	N.D.	3.	ug/l	105	107	70-121	1	30
Methylene Chloride	N.D.	2.	ug/l	95	101	80-120	6	30
Naphthalene	N.D.	1.	ug/l	80	91	62-120	13	30
n-Propylbenzene	N.D.	1.	ug/l	96	94	80-120	2	30
Styrene	N.D.	1.	ug/l	103	92	80-120	11	30
1,1,1,2-Tetrachloroethane	N.D.	1.	ug/l	93	95	80-120	2	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	92	96	71-120	4	30
Tetrachloroethene	N.D.	0.8	ug/l	101	100	80-121	1	30
Toluene	N.D.	0.5	ug/l	100	112	79-120	11	30
1,2,3-Trichlorobenzene	N.D.	1.	ug/l	81	92	65-120	12	30
1,2,4-Trichlorobenzene	N.D.	1.	ug/l	82	87	67-120	6	30
1,1,1-Trichloroethane	N.D.	0.8	ug/l	87	88	75-127	0	30
1,1,2-Trichloroethane	N.D.	0.8	ug/l	106	107	80-120	0	30
Trichloroethene	N.D.	1.	ug/l	106	101	80-120	5	30
Trichlorofluoromethane	N.D.	2.	ug/l	105	101	64-129	4	30
1,2,3-Trichloropropane	N.D.	1.	ug/l	90	95	80-120	6	30
1,2,4-Trimethylbenzene	N.D.	1.	ug/l	91	93	74-120	2	30
1,3,5-Trimethylbenzene	N.D.	1.	ug/l	94	95	75-120	2	30
Vinyl Chloride	N.D.	1.	ug/l	100	105	65-125	5	30
m+p-Xylene	N.D.	0.5	ug/l	100	96	80-120	4	30
o-Xylene	N.D.	0.5	ug/l	103	91	80-120	12	30
Xylene (Total)	N.D.	0.5	ug/l	101	94	80-120	7	30
Batch number: 11094WAC026	Sample number(s): 6247411,6247413,6247415,6247417,6247419,6247421,6247423							
Acenaphthene	N.D.	0.010	ug/l	99	102	74-109	3	30
Acenaphthylene	N.D.	0.010	ug/l	103	103	70-110	0	30
Anthracene	N.D.	0.010	ug/l	104	105	66-111	1	30
Benzo(a)anthracene	N.D.	0.010	ug/l	104	106	72-114	2	30
Benzo(a)pyrene	N.D.	0.010	ug/l	78	80	60-127	2	30
Benzo(b)fluoranthene	N.D.	0.010	ug/l	76	80	69-123	4	30
Benzo(g,h,i)perylene	N.D.	0.010	ug/l	77	80	57-131	3	30
Benzo(k)fluoranthene	N.D.	0.010	ug/l	79	80	59-130	0	30
Chrysene	N.D.	0.010	ug/l	92	95	76-116	3	30
Dibenz(a,h)anthracene	N.D.	0.010	ug/l	81	83	55-134	2	30
Fluoranthene	N.D.	0.010	ug/l	105	107	75-116	1	30
Fluorene	N.D.	0.010	ug/l	104	106	75-114	2	30
Indeno(1,2,3-cd)pyrene	N.D.	0.010	ug/l	81	83	69-124	3	30
Naphthalene	N.D.	0.030	ug/l	99	102	72-109	3	30
Phenanthrene	N.D.	0.010	ug/l	104	105	76-111	2	30
Pyrene	N.D.	0.010	ug/l	96	99	69-118	3	30
Batch number: 11094B20A	Sample number(s): 6247410-6247411,6247413,6247415,6247417							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	91	91	75-135	0	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: 1240268
Reported: 04/14/11 at 03:45 PM

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 11101A20A	Sample number(s): 6247419,6247421,6247423							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	91	91	75-135	0	30
Batch number: 110940042A	Sample number(s): 6247411,6247413,6247415,6247417,6247419,6247421,6247423							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	74	75	56-103	2	20
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 110946050011A	Sample number(s): 6247411-6247424							
Lead	N.D.	0.052	ug/l	107		90-115		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D110962AA	Sample number(s): 6247410 UNSPK: P247483								
Benzene	102	90	80-126	13	30				
Ethylbenzene	100	88	71-134	13	30				
Toluene	103	91	80-125	12	30				
Xylene (Total)	101	89	79-125	13	30				
Batch number: W111012AA	Sample number(s): 6247411,6247413,6247415,6247417,6247419,6247421 UNSPK: P250072								
Acetone	73	76	52-139	3	30				
Benzene	108	106	80-126	2	30				
Bromobenzene	105	101	82-115	4	30				
Bromochloromethane	105	105	83-123	0	30				
Bromodichloromethane	101	100	78-125	1	30				
Bromoform	92	95	60-121	3	30				
Bromomethane	96	97	38-149	2	30				
2-Butanone	72	72	57-138	0	30				
n-Butylbenzene	104	103	73-128	1	30				
sec-Butylbenzene	106	104	79-125	1	30				
tert-Butylbenzene	105	102	81-121	2	30				
Carbon Disulfide	111	110	67-135	1	30				
Carbon Tetrachloride	108	108	81-138	0	30				
Chlorobenzene	105	106	87-124	1	30				
Chloroethane	93	98	51-145	5	30				
Chloroform	106	103	81-134	3	30				
Chloromethane	84	88	67-154	6	30				
2-Chlorotoluene	107	104	82-118	3	30				
4-Chlorotoluene	108	106	84-122	2	30				
1,2-Dibromo-3-chloropropane	81	86	54-134	7	30				
Dibromochloromethane	100	100	74-116	0	30				
1,2-Dibromoethane	102	101	77-116	1	30				
Dibromomethane	99	101	83-119	2	30				
1,2-Dichlorobenzene	103	102	84-119	1	30				
1,3-Dichlorobenzene	105	101	86-121	3	30				
1,4-Dichlorobenzene	102	103	85-121	0	30				
Dichlorodifluoromethane	85	86	52-129	2	30				
1,1-Dichloroethane	105	105	84-129	0	30				
1,2-Dichloroethane	101	97	66-141	3	30				
1,1-Dichloroethene	120	119	85-142	1	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: 1240268
Reported: 04/14/11 at 03:45 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
cis-1,2-Dichloroethene	108	108	85-125	0	30				
trans-1,2-Dichloroethene	112	109	87-126	3	30				
1,2-Dichloropropane	98	100	83-124	2	30				
1,3-Dichloropropane	99	98	81-120	1	30				
2,2-Dichloropropane	103	102	81-135	1	30				
1,1-Dichloropropene	111	107	86-137	3	30				
cis-1,3-Dichloropropene	97	96	75-125	1	30				
trans-1,3-Dichloropropene	95	94	74-119	1	30				
Ethylbenzene	105	104	71-134	1	30				
Hexachlorobutadiene	86	92	56-134	7	30				
2-Hexanone	82	83	55-127	2	30				
Isopropylbenzene	108	107	75-128	1	30				
p-Isopropyltoluene	105	103	76-123	2	30				
Methyl Tertiary Butyl Ether	100	101	72-126	0	30				
4-Methyl-2-pentanone	84	87	63-123	4	30				
Methylene Chloride	107	104	79-120	3	30				
Naphthalene	91	93	52-125	2	30				
n-Propylbenzene	103	103	74-134	0	30				
Styrene	101	103	78-125	2	30				
1,1,1,2-Tetrachloroethane	102	103	82-119	1	30				
1,1,2,2-Tetrachloroethane	95	97	72-128	2	30				
Tetrachloroethene	107	106	80-128	1	30				
Toluene	102	103	80-125	0	30				
1,2,3-Trichlorobenzene	93	92	69-119	1	30				
1,2,4-Trichlorobenzene	92	90	70-124	2	30				
1,1,1-Trichloroethane	108	105	80-143	2	30				
1,1,2-Trichloroethane	98	99	77-124	1	30				
Trichloroethene	106	103	88-133	3	30				
Trichlorofluoromethane	106	104	73-152	2	30				
1,2,3-Trichloropropane	99	97	76-118	2	30				
1,2,4-Trimethylbenzene	102	99	72-130	3	30				
1,3,5-Trimethylbenzene	105	103	72-131	2	30				
Vinyl Chloride	91	92	66-133	1	30				
m+p-Xylene	107	108	79-125	1	30				
o-Xylene	103	102	79-125	1	30				
Xylene (Total)	106	106	79-125	0	30				
Batch number: 110946050011A	Sample number(s): 6247411-6247424 UNSPK: 6247411 BKG: 6247411								
Lead	107	101	83-120	3	20	13.3	13.4	0	20

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: D110962AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6247410	90	98	97	93

*- 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: 1240268
Reported: 04/14/11 at 03:45 PM

Surrogate Quality Control

Blank	92	99	97	92
LCS	90	101	97	97
MS	90	102	96	96
MSD	91	101	97	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs by 8260B - Water
Batch number: W111012AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6247411	101	105	98	95
6247413	99	101	97	97
6247415	102	107	97	95
6247417	101	100	97	96
6247419	100	100	97	95
6247421	100	99	105	97
Blank	102	103	97	94
LCS	104	103	98	98
MS	101	100	99	98
MSD	102	98	99	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs by 8260B - Water
Batch number: W111025AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6247423	95	97	107	88
Blank	101	102	106	88
LCS	93	100	101	103
LCSD	98	98	126*	95
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PAHs in waters by SIM
Batch number: 11094WAC026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
6247411	112	107	97
6247413	109	99	90
6247415	113	105	98
6247417	108	100	101
6247419	114	107	103
6247421	160*	70	93
6247423	542*	85	97
Blank	123	118	124
LCS	108	104	104
LCSD	111	106	108
Limits:	64-147	68-132	53-129

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 11094B20A

	Trifluorotoluene-F
6247410	73

*- 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: 1240268
Reported: 04/14/11 at 03:45 PM

Surrogate Quality Control

6247411	73
6247413	72
6247415	74
6247417	73
Blank	74
LCS	113
LCSD	119
Limits:	63-135

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 11101A20A
Trifluorotoluene-F

6247419	83
6247421	94
6247423	86
Blank	84
LCS	120
LCSD	116
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 110940042A
Orthoterphenyl

6247411	72
6247413	66
6247415	89
6247417	83
6247419	95
6247421	75
6247423	80
Blank	89
LCS	104
LCSD	106
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

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11260 Sample #: 6247410-24 SCR#:

G#1240268

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

Facility #: SS#352300-OML G-R#385853
Site Address: State Route 274, TEKOA, WA
Chevron PM: MH Lead Consultant: SAICRS Santos
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: MIKE LOMBARD
Service Order #: ☐ Non SAR:

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

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Total Number of Containers	Preservation: H	Preservation: N	Preservation: H	Preservation: H	Preservation: O	Preservation: N	Analyses Requested: BTEX + Naphth ☐ 8021 ☐ 8260	VOC's (8260)	Oxygenates ____	TPH G	TPH D	Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss.	Method 6020	VPH/EPH	NWTPH H HCID ☐ quantification	PAH's (8270 SIM)	Total LEAD (6020)
QA	3-29-11		X			X			2							X			X								
MW-1		1210	X			X			12		X								X	X	X				X	X	
MW-2		1400	X			X			12		X								X	X	X				X	X	
MW-3		1120	X			X			12		X								X	X	X				X	X	
MW-4		1030	X			X			12		X								X	X	X				X	X	
MW-5		1310	X			X			12		X								X	X	X				X	X	
MW-7		1450	X			X			12		X								X	X	X				X	X	
DUP			X			X			12		X								X	X	X				X	X	

Comments / Remarks

"DISSOLVED LEAD SAMPLES TO BE LAB FILTERED PRIOR TO PRESERVING WITH HNO3."

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

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

	Date	Time		Date	Time
Relinquished by:	4-1-11	1700	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by:	4/1/11	0916
Temperature Upon Receipt 2.2 C°			Custody Seals Intact? Yes No		

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)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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

> greater than

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

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

ppb parts per billion

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

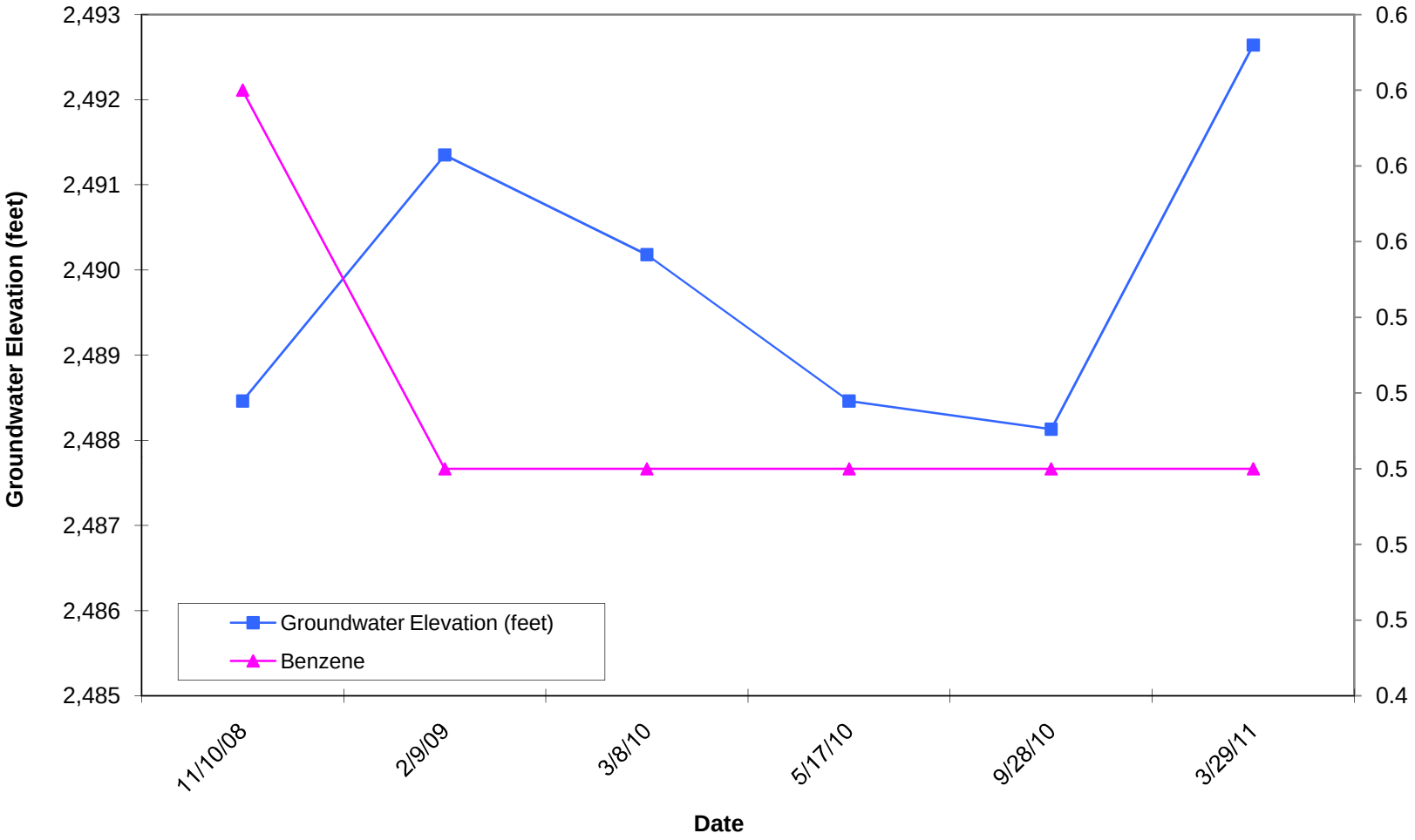
Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

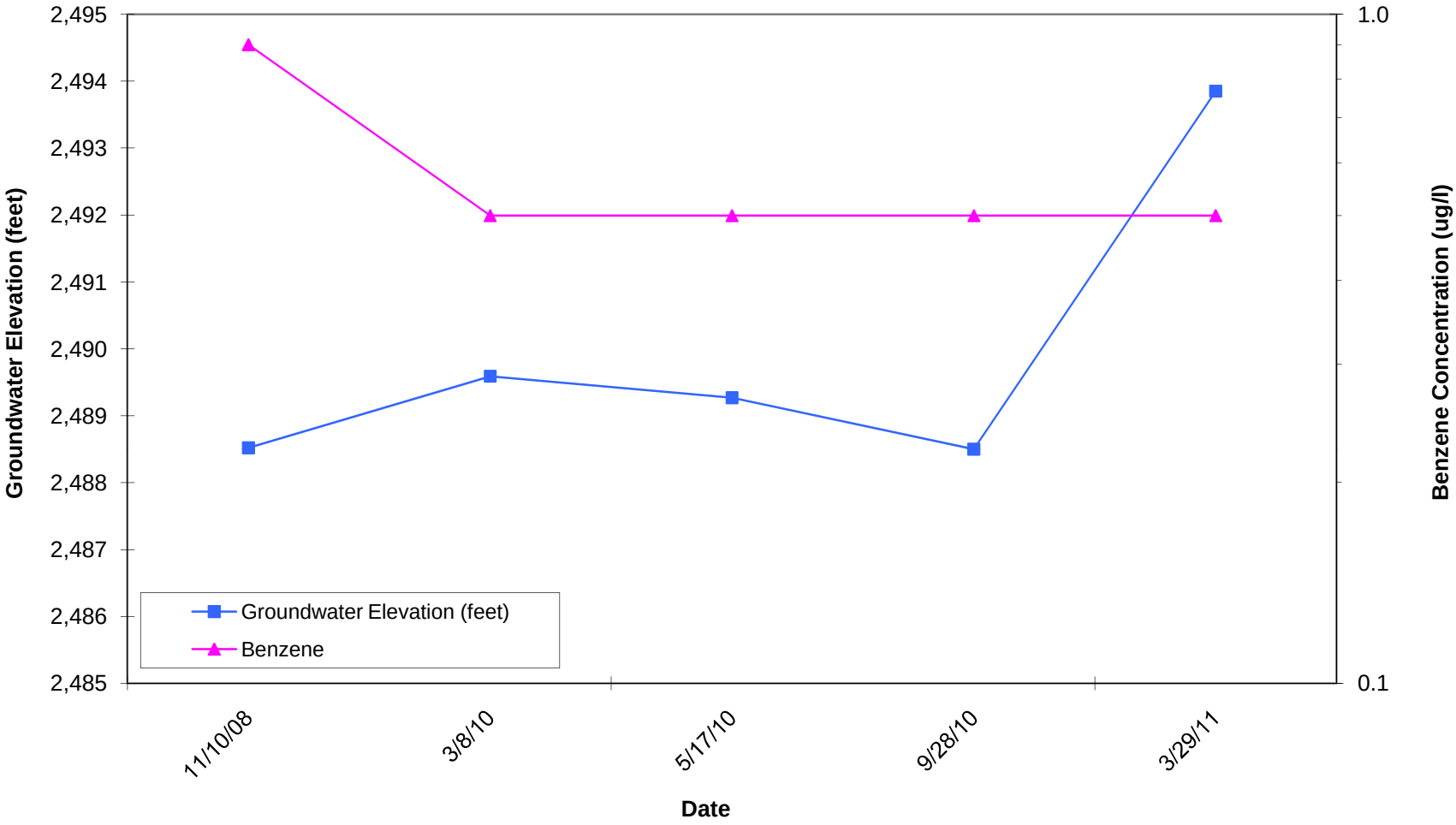
Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have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

Attachment C:
Hydrographs

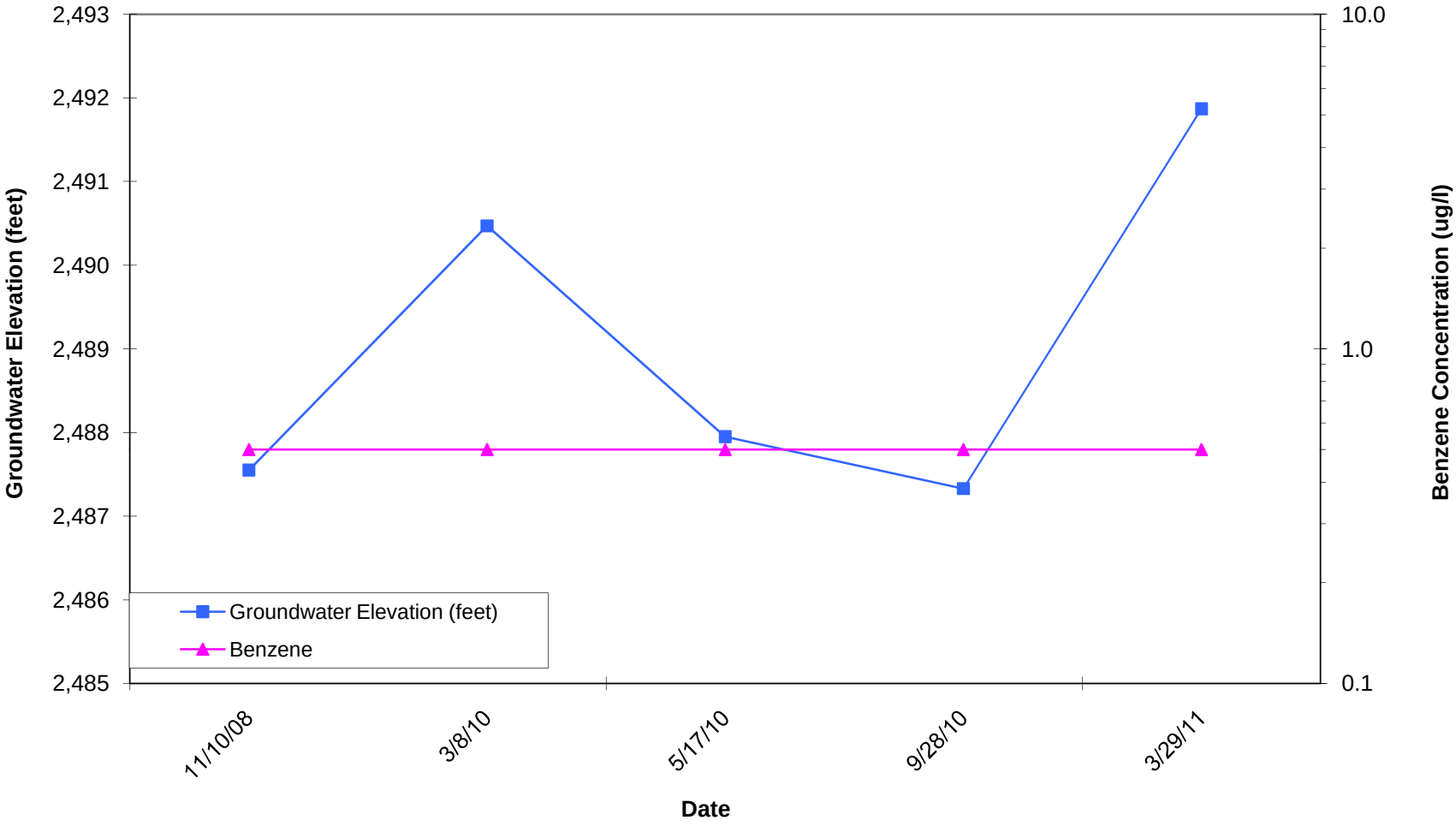
Well MW-1 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



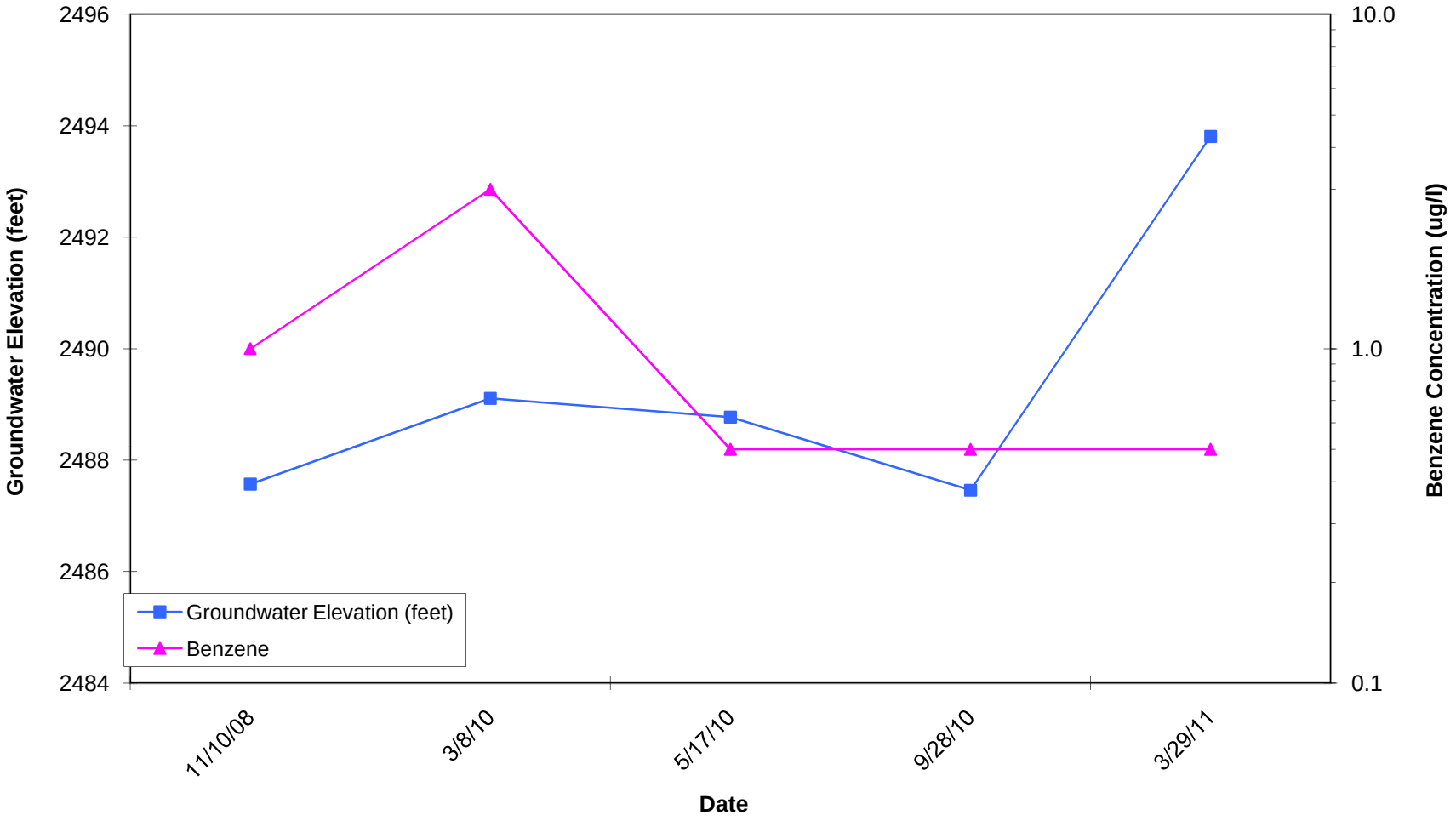
Well MW-2 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



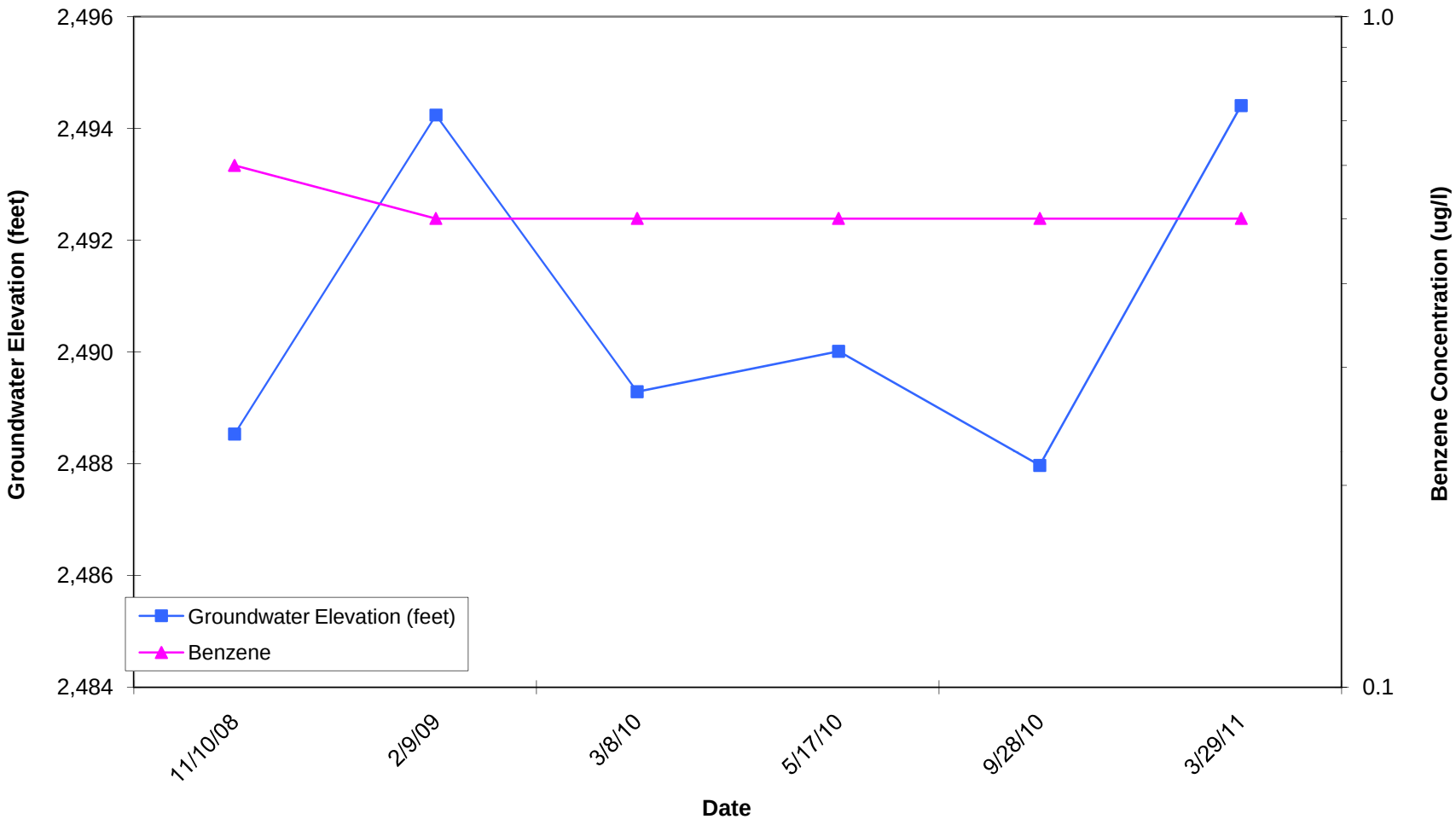
Well MW-3 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



Well MW-4 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



Well MW-5 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington



Well MW-7 Hydrograph
Chevron Station No. 352-300
State Route 274, Tekoa, Washington