June 17, 2010

Mr. Brett Hunter
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Suite 3628
San Ramon, California, 94583

Subject: First Quarter 2010 Groundwater Monitoring and Sampling Report
Chevron Service Station No. 352300
State Route 274, Tekoa, Washington

Dear Mr. Hunter:

The Benham Companies LLC (Benham), a Science Applications International Corporation (SAIC) company is pleased to submit the first quarter 2010 groundwater monitoring report for activities completed at the above-referenced site. Groundwater monitoring and sampling was conducted by Gettler-Ryan, Inc. on March 8, 2010. The Gettler-Ryan Groundwater Monitoring and Sampling Report is presented as Attachment A. Benham is performing environmental services under contract to Chevron Environmental Management Company (Chevron).

FIRST QUARTER 2010 GROUNDWATER MONITORING ACTIVITIES

On March 8, 2010, the depth to groundwater was measured in Wells MW-1 through MW-7.

Groundwater Elevation, Flow Direction and Gradient

The groundwater elevation ranged from 2,489.11 (MW-4) to 2,490.89 (MW-7) feet above mean sea level. Groundwater flow is to the north at a gradient of approximately 0.01 to 0.02 ft/ft.

Groundwater Monitoring Well Analytical Test Results

Once the depth to groundwater was measured at the wells, the wells were purged using Low-Flow (minimal drawdown) technique as discussed in USEPA 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, MW-2, and MW-4 through MW-6. A duplicate sample was collected from MW-7 and labeled DUP. A sample was not collected from MW-3 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 Method NWTPH-Dx with silica gel clean-up;
- Gasoline-range hydrocarbons by Washington State Department of Ecology (WDOE) Method, NWTPH-Gx;
- Volitile Organic Compounds (VOCs) including benzene, toluene, ethylbenzene, total xylenes (BTEX), and naphthalene using EPA Method 8260.
- Dissolved lead using EPA Method 6020;
- Polynuclear aromatic hydrocarbons (PAHs) using EPA Method 8270C SIM; and

Table A. First Quarter 2010 Groundwater Analytical Results

Well ID	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TPHGx (µg/L)	TPHDx (µg/L)
MW-1	<0.5	<0.5	<0.5	<0.5	<50	**87**
MW-2	<0.5	<0.5	<0.5	<0.5	**1,000**	**880**
MW-3	**No Sample Collected**					
MW-4	**3**	<0.5	**14**	**16**	**2,700**	**830**
MW-5	<0.5	<0.5	<0.5	<0.5	**71**	**450**
MW-6	<0.5	<0.5	<0.5	<0.5	<50	**58**
MW-7	<0.5	<0.5	<0.5	<0.5	<50	**110***

Note: µg/L = micrograms per liter. *Value of duplicate sample used.

Groundwater surface elevation contours, summaries of groundwater surface elevations and analytical results, groundwater monitoring and sampling procedures, a copy of the analytical report, and chain-of-custody documentation are attached in Gettler Ryan's "Groundwater Monitoring and Sampling Report Event of March 8, 2010," dated April 6, 2010.

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

Sincerely,

THE BENHAM COMPANIES, LLC

Chris Wildt
Environmental Scientist

Ronald Santos
Project Manager

Dennis Terzian, LG
Sr. Project Manager

Enclosures:
Attachment A: Gettler-Ryan "Groundwater Monitoring and Sampling Report"

cc: Keith K. Holliday, Washington Dept of Ecology

Project File

Attachment A:
Gettler-Ryan: Groundwater Monitoring and Sampling Report

GETTLER-RYAN INC.

TRANSMITTAL

April 13, 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	DATED	DESCRIPTION
2	April 6, 2010	Groundwater Monitoring and Sampling Report **Event of March 8, 2010**

COMMENTS:

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

Mr. Brett Hunter, Chevron EMC, 6111 Bollinger Canyon Rd., Room 3628, San Ramon, CA 94583

☑ Current Site Check List included.

Enclosure
trans/352300-BH

GETTLER-RYAN INC.

CHEVRON - SITE CHECK LIST

Facility#:	**Chevron #352300**	Date: 3-8-10
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	OK	↓	↓	↓	
MW-3	OBSTRUCTION IN CASING				
MW-4	OK				
MW-5	↓				
MW-6					
MW-7					

Additional Comments/Observations:

GETTLER-RYAN INC.

April 6, 2010
Job #385853

Mr. Brett Hunter
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3628
San Ramon, CA 94583

RE: Event of March 8, 2010
Groundwater Monitoring & Sampling Report
Chevron Facility #352300
(Former Standard Oil Bulk Plant #1001152)
State Route 274
Tekoa, Washington

Dear Mr. Hunter:

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

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

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

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

Sincerely,

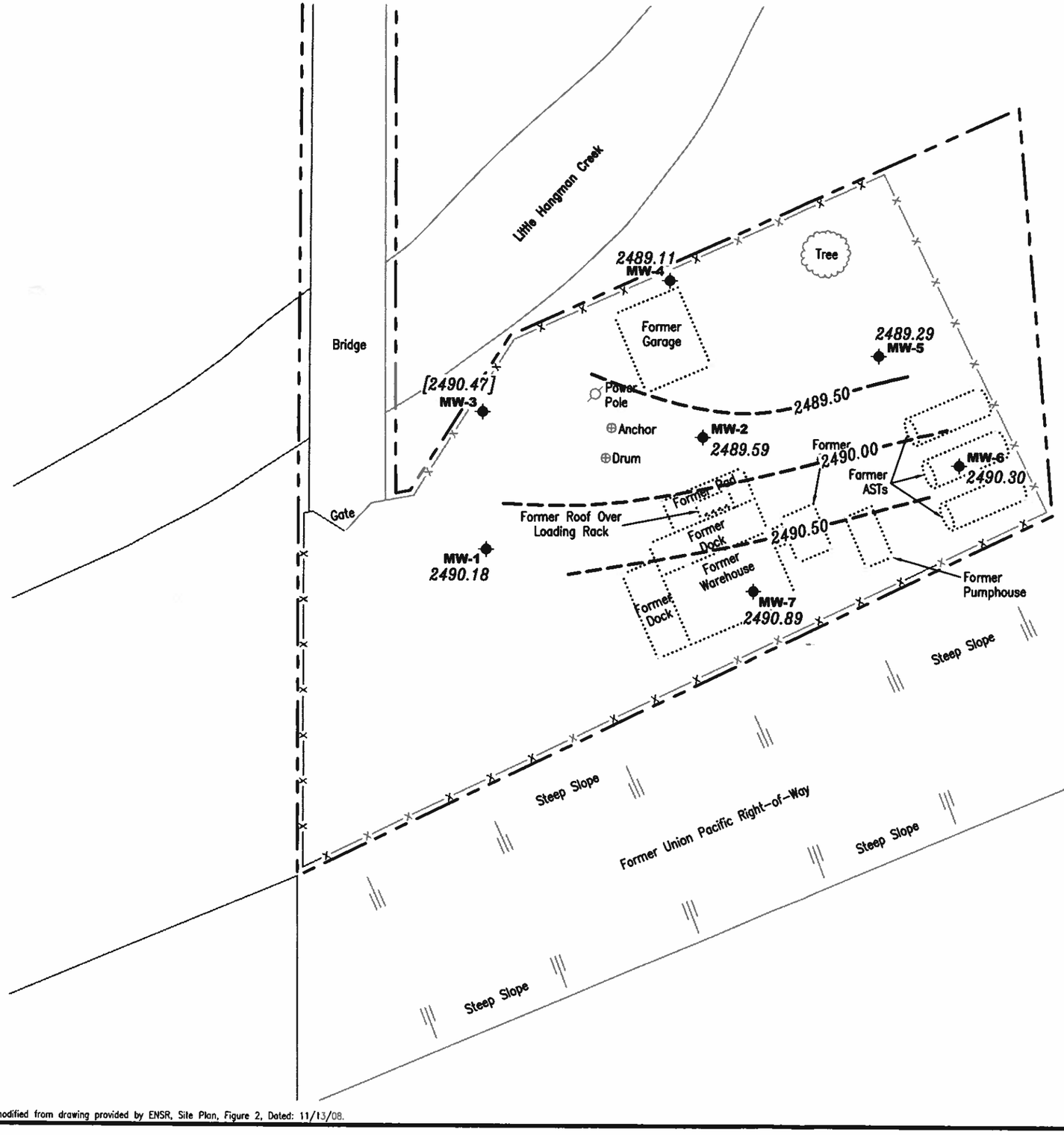
Deanna L. Harding
Project Coordinator

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

State of Washington
2660
Licensed Geologist
Douglas J. Lee

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - PAHs
Table 3: Groundwater Analytical Results - VOCs
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • **Rancho Cordova**, CA 95670 • (916) 631-1300 • Fax (916) 631-1317



Source: Figure modified from drawing provided by ENSR, Site Plan, Figure 2, Dated: 11/13/08.

EXPLANATION

- ◆ Groundwater monitoring well
- *99.99* Groundwater elevation in feet referenced to Mean Sea Level
- --99.99-- Groundwater elevation contour, dashed where inferred
- *[99.99]* Not used in contouring

Approximate groundwater flow direction at a gradient of 0.01 to 0.02 Ft./Ft.

N

0 40

Scale in Feet

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

FIGURE 1

DATE March 8, 2010

REVISED DATE

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

PROJECT NUMBER 385853

REVIEWED BY

DATE

FILE NAME: P:\Enviro\Chevron\352300\Q10-352300.dwg | Layout Tab: Pot1

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	D. LEAD (µg/L)	T. LEAD (µg/L)
MW-1														
11/10/08	LFP	2494.59	6.13	2488.46	170	<73	140[1]	0.6[1]	<0.5	<0.5	<1.0	<0.5	<0.050	2.8
02/09/09	LFP	2494.59	3.24	2491.35	47[1]	<66	82[1]	<0.5	<0.5	<0.5	<1.0	<0.5	<0.050	0.36[1]
03/08/10	**LFP**	**2494.59**	**4.41**	**2490.18**	**87**	**<68**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.15**	**57.4**
MW-2														
11/10/08	LFP	2495.26	6.74	2488.52	2,500	420	2,400	0.9[1]	<0.5	2[1]	4.8[1]	<0.5	--[2]	--[2]
02/09/09		2495.26	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	**LFP**	**2495.26**	**5.67**	**2489.59**	**880**	**<71**	**1,000**	**<0.5**	**<0.5**	**0.6**	**0.7**	**<0.5**	**<0.050**	**9.5**
MW-3														
11/10/08	LFP	2493.95	6.40	2487.55	400	100[1]	170[1]	<0.5	<0.7	<0.8	<1.6	<0.5	<0.050	54.2
02/09/09		2493.95	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10		**2493.95**	**3.48**	**2490.47**	**WELL OBSTRUCTED**		--	--	--	--	--	--	--	--
MW-4														
11/10/08	LFP	2494.10	6.53	2487.57	360	77[1]	230[1]	1[1]	<0.5	<0.5	<1.0	<0.5	<0.050	57.7
02/09/09		2494.10	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	**LFP**	**2494.10**	**4.99**	**2489.11**	**830**	**<68**	**2,700**	**3**	**<0.5**	**14**	**16**	**<0.5**	**0.14**	**53.0**
MW-5														
11/10/08	LFP	2495.16	6.63	2488.53	1,700	1,600	240[1]	0.6[1]	<0.5	<0.5	<1.0	<0.5	--[2]	--[2]
02/09/09	LFP	2495.16	0.92	2494.24	180	230[1]	<50	<0.5	<0.5	<0.5	<1.0	<0.5	0.093[1]	1.6
03/08/10	**LFP**	**2495.16**	**5.87**	**2489.29**	**450**	**<700[3]**	**71**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.074**	**194**
MW-6														
11/10/08	LFP	2496.04	5.66	2490.38	570	140[1]	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--[2]	649
02/09/09		2496.04	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	**LFP**	**2496.04**	**5.74**	**2490.30**	**58**	**<69**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.050**	**39.3**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-DRO (µg/L)	TPH-HRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	D. LEAD (µg/L)	T. LEAD (µg/L)
MW-7														
11/10/08	LFP	2495.66	5.12	2490.54	2,500	400	4,400	2[1]	2[1]	25	49	<0.5	0.063[1]	95.2
02/09/09		2495.66	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/08/10	**LFP**	**2495.66**	**4.77**	**2490.89**	**56**	**<69**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.059**	**18.1**
03/08/10	**LFP (D)**	**2495.66**	**--**	**--**	**110**	**110**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.050**	**21.9**
TRIP BLANK														
QA														
11/10/08		--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/09/09		--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/08/10		--	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	--	--

Constituent:	TPH-DRO	TPH-HRO	TPH-GRO	B	T	E	X	MTBE	D. LEAD	T. LEAD
Standard Laboratory Reporting Limits:	--	--	--	0.5	0.5	0.5	0.5	0.5	0.050	0.050
MTCA Method A Cleanup Levels:	500	500	800/1,000	5	1,000	700	1,000	20	--	15
Current Method:	NWTPH-Dx Extended		NWTPH-Gx	EPA Method 8260					EPA 6020	EPA 6020

Table 1

Groundwater Monitoring Data and Analytical Results

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

EXPLANATIONS:

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
HRO = Heavy Range Organics

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
D. LEAD = Dissolved Lead
T. LEAD = Total Lead
(µg/L) = Micrograms per liter

-- = Not Measured/Not Analyzed
LFP = Low Flow Purge
QA = Quality Assurance/Trip Blank
(D) = Duplicate
MTCA = Model Toxics Control Act Cleanup Regulations
[WAC 173-340-720(2)(a)(I), as amended 02/01].

ANALYTICAL METHODS:

TPH-DRO and TPH-HRO w/silica gel by ECY 97-602 NWTPH-Dx modified
TPH-GRO by ECY 97-602 NWTPH-Gx modified
BTEX and MTBE by EPA Method 8260.
Total Lead and Dissolved Lead by SW-846-6020

* TOC elevations were provided on August 14, 2008 by Statewide Land Surveying Inc. Vertical Datum is NAVD88.

1 Laboratory report indicates estimated value.

2 Not sampled due to insufficient water.

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

Table 2

Groundwater Analytical Results - PAHs

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo (a) Anthracene (µg/L)	Benzo (a) Pyrene (µg/L)	Benzo (b) Fluoranthene (µg/L)	Benzo (g,h,i) Perylene (µg/L)	Benzo (k) Fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) Anthracene (µg/L)	FLUORANTHENE (µg/L)	Fluorene (µg/L)	Indeno (1,2,3-cd) Pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
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
02/09/09	<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
03/08/10	**<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**
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]
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	**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**
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
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[6]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	**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**

Table 2

Groundwater Analytical Results - PAHs

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

WELL ID/ DATE	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo (a) Anthracene (µg/L)	Benzo (e) Pyrene (µg/L)	Benzo (b) Fluoranthene (µg/L)	Benzo (g,h,i) Perylene (µg/L)	Benzo (k) Fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz (a,h) Anthracene (µg/L)	FLUORANTHENE (µg/L)	Fluorene (µg/L)	Indeno (1,2,3-cd) Pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
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
02/09/09	<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]
03/08/10[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**
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
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[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**
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]
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	**<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**
03/08/10 (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**

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.

Table 3

Groundwater Monitoring Data and Analytical Results - VOCs

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE	Bromodichloromethane (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Chloroform (µg/L)	1,1-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Isopropylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
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
02/09/09	<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
03/08/10	**<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
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	**<1**	**1**	**5**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**8**	**3**	**4**	**10**	**<0.8**	**<0.8**	**<1**	**27**	**<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
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[7]	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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
02/09/09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10	**<1**	**2**	**10**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**22**	**5**	**4**	**24**	**<0.8**	**<0.8**	**<1**	**69**	**10**

Table 3

Groundwater Monitoring Data and Analytical Results - VOCs

Chevron Service Station #352300

(Former Standard Oil Bulk Plant #1001152)

State Route 274

Tekoa, Washington

WELL ID/ DATE		Bromodichloromethane (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Chloroform (µg/L)	1,1-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	trans-1,2-Dichloroethene (µg/L)	Isopropylbenzene (µg/L)	p-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	Tetrachloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
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
02/09/09		<1	<1	<1	<1	<0.8	<0.8	<0.8	<0.8	<1	<1	<1	<1	<0.8	<0.8	<1	<1	<1
03/08/10[5]		**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**
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
02/09/09		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10[6]		**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**
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
02/09/09		INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/10		**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**
03/08/10	**(D)**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**	**<1**	**<0.8**	**<0.8**	**<1**	**<1**	**<1**

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

ANALYTICAL METHODS:

VOCs by EPA Method 8260B

♦ **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.

Standard Operating Procedure, Low-Flow Purging and Sampling

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

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

Initial Pump Discharge Test Procedures

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

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

Purging and Water Quality Parameter Measurement

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

Sample Collection

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-8-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW- 1 Date Monitored: 3-8-10
Well Diameter 2 in.
Total Depth 8.95 ft.
Depth to Water 4.41 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= t.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): 1350 Weather Conditions: Cloudy
Sample Time/Date: 1420 3-8-10 Water Color: Clear Odor: Y (N)
Approx. Flow Rate: 150 ml/ppm. Sediment Description: None
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 5.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (mS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1405	2.2	7.36	480	4.8			5.02
1408	2.7	7.31	486	4.9			5.11
1411	3.1	7.32	487	4.9			5.16

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 1	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: 3-8-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-2 Date Monitored: 3-8-10
Well Diameter 2 in.
Total Depth 8.49 ft.
Depth to Water 5.67 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): 0845 Weather Conditions: Cloudy
Sample Time/Date: 1435 / 3-8-10 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 150ml /min. Sediment Description: none
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 5.91

Time (2400 hr.)	Volume ~~4.0~~ L	pH	Conductivity (µmhos/cm ~~µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
0857	1.8	7.11	401	6.7			7.19
0900	2.3	7.16	410	6.7			7.29
0903	2.7	7.18	408	6.8			7.56

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: INSUFFICIENT WATER TO SAMPLE AFTER PURGING, RETURNED LATER TO SAMPLE AFTER RECHARGE. ONLY ABLE TO COLLECT ONE (1) Liter Amber for NWTPH-D & PAH's

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

BECAUSE OF WELL DEWATERING AND SLOW RECHARGE.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #352300 Job Number: 385853
Site Address: State Route 274 Event Date: 3-8-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-3 Date Monitored: 3-8-10
Well Diameter 2 in.
Total Depth ~~[illegible]~~ ft. 9.67
Depth to Water 3.48 ft. ☐ Check if water column is less then 0.50 ft.

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

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

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

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

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

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

Start Time (purge): 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: OBSTRUCTION IN WELL AT APPROXIMATELY 3.75 FEET. OBSTRUCTION IS VERY HARD, WAS UNABLE TO CLEAR WITH STEEL BAILER.

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: 3-8-10 (inclusive)
City: Tekoa,WA Sampler: mc

Well ID MW-4 Date Monitored: 3-8-10
Well Diameter 2 in.
Total Depth 10.30 ft.
Depth to Water 4.99 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): 1040 Weather Conditions: Cloudy
Sample Time/Date: 1115 / 3-8-10 Water Color: Clear Odor: Y (N)
Approx. Flow Rate: 150 ml/ gpm. Sediment Description: None
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 6.32

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
1055	2.25	7.19	296	7.0			6.07
1058	2.7	7.24	302	7.0			6.26
1101	3.1	7.26	301	7.0			6.32

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: 3-8-10 (inclusive)
City: Tekoa,WA Sampler: MC

Well ID MW-5 Date Monitored: 3-8-10
Well Diameter 2 in.
Total Depth 19.22 ft.
Depth to Water 5.87 ft.

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

☐ Check if water column is less then 0.50 ft.

— 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): 0800 Weather Conditions: Cloudy
Sample Time/Date: 1505 3-8-10 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 150 ml/ min. Sediment Description: Light
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 6.36

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
0815	2.25	7.30	479	6.4			8.16
0819	2.7	7.26	486	6.4			8.30
0821	3.1	7.25	488	6.4			8.38

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: INSUFFICIENT WATER TO SAMPLE AFTER PURGING, RETURNED LATER TO SAMPLE AFTER RECHARGE.

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: 3-8-10 (inclusive)
City: Tekoa,WA Sampler: ML

Well ID MW-6 Date Monitored: 3-8-10
Well Diameter 2 in.
Total Depth 9.75 ft.
Depth to Water 5.74 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): 1250 Weather Conditions: Rain
Sample Time/Date: 1320 / 3-8-10 Water Color: Cloudy Odor: Y / N Light
Approx. Flow Rate: 150ml gpm. Sediment Description: Light
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 6.82

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
1305	2.2	7.32	729	64			6.74
1308	2.7	7.30	734	6.2			6.80
1311	3.1	7.30	733	6.2			6.82

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	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: 3-8-10 (inclusive)
City: Tekoa,WA | Sampler: ML

Well ID: MW-7 | Date Monitored: 3-8-10
Well Diameter: 2 in.
Total Depth: 10.15 ft.
Depth to Water: 4.77 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): 0925 | Weather Conditions: Cloudy
Sample Time/Date: 1000 / 3-8-10 | Water Color: Cloudy | Odor: Y / N Light
Approx. Flow Rate: 150 ml/ gpm. | Sediment Description: Light
Did well de-water? NO | If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 5.69

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
0940	2.25	7.15	571	8.1			5.43
0943	2.7	7.11	578	8.2			5.57
0946	3.1	7.12	580	8.2			5.69

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)
	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: DUPLICATE SAMPLE (DUP) TAKEN FROM THIS WELL

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

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11260 Sample #: 5925124-38 SCR#:

Grp# 1185702

Facility #: SS#352300-OML G-R#385853
Site Address: State Route 274, TEKOA, WA
Chevron PM: BH Lead Consultant: SAICRS
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	Water	Oil	Air	Total Number of Containers	BTEX ☐ 8021 ☐ 8260 ☐ Naphth	8260 full scan	Oxygenates	MW TPH G	MW TPH D	Extended Rng. Silica Gel Cleanup	Lead Total	Diss. ☐ Method Lead	VPH/EPH	NWTPH H HCID ☐ quantification	VOC's (8260)	PAHs (8270 SIM)	Dissolved Lead (6020)
QA	3-8-10		X			X			2	X			X									
MW-1		1420	X			X			12				X	X		X				X	X	X
MW-2		1435	X			X			10				X	X		X				X	X	X
MW-4		1115	X			X			12				X	X		X				X	X	X
MW-5		1505	X			X			12				X	X		X				X	X	X
MW-6		1320	X			X			12				X	X		X				X	X	X
MW-7	↓	1000	X			X			12				X	X		X				X	X	X
*DUP	3/8/10		X			X			12				X	X		X				X	X	X

Comments / Remarks
*DUP added per Mike Chalender 3/12/10 JDP
"DISSOLVED LEAD SAMPLES TO BE LAB FILTERED PRIOR TO PRESERVING WITH HNO3."
ONLY ABLE TO COLLECT (1) 1L AMBER FOR TPH-D & PAH'S FOR MW-2 DUE TO DEWATER

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:	3-10	1100	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS (FedEx) Other			Received by:	3/11/10	935
Temperature Upon Receipt 0.8°C - 1.3°C			Custody Seals Intact? (Yes) No		

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

March 25, 2010

Project: 352300

Samples arrived at the laboratory on Thursday, March 11, 2010. The PO# for this group is 0015058618 and the release number is HUNTER. The group number for this submittal is 1185702.

Client Sample Description	Lancaster Labs (LLI) #
QA Water Sample	5925124
MW-1 Grab Water Sample	5925125
MW-1 Filtered Grab Water Sample	5925126
MW-2 Grab Water Sample	5925127
MW-2 Filtered Grab Water Sample	5925128
MW-4 Grab Water Sample	5925129
MW-4 Filtered Grab Water Sample	5925130
MW-5 Grab Water Sample	5925131
MW-5 Filtered Grab Water Sample	5925132
MW-6 Grab Water Sample	5925133
MW-6 Filtered Grab Water Sample	5925134
MW-7 Grab Water Sample	5925135
MW-7 Filtered Grab Water Sample	5925136
DUP Grab Water Sample	5925137
DUP Filtered Grab Water Sample	5925138

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

ELECTRONIC SAIC c/o Gettler-Ryan Attn: Cheryl Hansen

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Analysis Report

COPY TO

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

Respectfully Submitted,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5925124
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

274QA

Account Number: 11260

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
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
06053	Benzene	71-43-2	N.D.	0.5	1
06053	Ethylbenzene	100-41-4	N.D.	0.5	1
06053	Toluene	108-88-3	N.D.	0.5	1
06053	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
06053	BTEX by 8260B	SW-846 8260B	1	Z100763AA	03/18/2010 08:11	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z100763AA	03/18/2010 08:11	Kelly E Keller	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/16/2010 21:42	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/16/2010 21:42	Marie D John	1

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Analysis Report

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

LLI Sample # WW 5925125
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:20 by ML

Account Number: 11260

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T1

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

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

LLI Sample # WW 5925125
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:20 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T1

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	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
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.	0.0099	1
08357	Acenaphthylene	208-96-8	0.12	0.0099	1
08357	Anthracene	120-12-7	0.14	0.0099	1
08357	Benzo(a)anthracene	56-55-3	0.18	0.0099	1
08357	Benzo(a)pyrene	50-32-8	0.32	0.0099	1
08357	Benzo(b)fluoranthene	205-99-2	0.51	0.0099	1
08357	Benzo(g,h,i)perylene	191-24-2	0.33	0.0099	1
08357	Benzo(k)fluoranthene	207-08-9	0.22	0.0099	1
08357	Chrysene	218-01-9	0.23	0.0099	1
08357	Dibenz(a,h)anthracene	53-70-3	0.084	0.0099	1
08357	Fluoranthene	206-44-0	0.42	0.0099	1
08357	Fluorene	86-73-7	N.D.	0.0099	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	0.34	0.0099	1
08357	Naphthalene	91-20-3	0.028	0.0099	1
08357	Phenanthrene	85-01-8	0.29	0.0099	1
08357	Pyrene	129-00-0	0.33	0.0099	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.	87	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1
Metals	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	57.4	0.050	1

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Analysis Report

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

LLI Sample # WW 5925125
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:20 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

274T1

Account Number: 11260

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

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	Solvent Cmpd List 8260 - Water	SW-846 8260B	1	W100731AA	03/14/2010 22:10	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W100731AA	03/14/2010 22:10	Nicholas P Riehl	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10071WAB026	03/20/2010 13:04	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10071WAB026	03/12/2010 14:45	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/17/2010 03:00	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/17/2010 03:00	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	100740012A	03/17/2010 19:57	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	100740012A	03/15/2010 16:15	JoElla L Rice	1
06035	Lead	SW-846 6020	1	100756050001A	03/17/2010 10:05	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050001	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925126
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:20 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

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	0.15	0.050	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	100756050001A	03/17/2010 10:06	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050001	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925127
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:35 by ML

Account Number: 11260

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T2

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	1	1	1
10903	sec-Butylbenzene	135-98-8	5	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	0.6	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	8	1	1
10903	p-Isopropyltoluene	99-87-6	3	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	4	1	1
10903	n-Propylbenzene	103-65-1	10	1	1

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Analysis Report

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

LLI Sample # WW 5925127
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:35 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T2

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	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
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	27	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	0.7	0.5	1
10903	o-Xylene	95-47-6	N.D.	0.5	1
10903	Xylene (Total)	1330-20-7	0.7	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		ug/l	ug/l	
08357	Acenaphthene	83-32-9	0.10	0.10	1
08357	Acenaphthylene	208-96-8	N.D.	0.10	1
08357	Anthracene	120-12-7	N.D.	0.10	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.10	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.10	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.10	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.10	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.10	1
08357	Chrysene	218-01-9	N.D.	0.10	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.10	1
08357	Fluoranthene	206-44-0	N.D.	0.10	1
08357	Fluorene	86-73-7	0.11	0.10	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.10	1
08357	Naphthalene	91-20-3	10	0.10	1
08357	Phenanthrene	85-01-8	N.D.	0.10	1
08357	Pyrene	129-00-0	N.D.	0.10	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.				
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	1,000	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.	880	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	71	1

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Analysis Report

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

LLI Sample # WW 5925127
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:35 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

274T2

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
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San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	9.5	0.050	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
10903	Solvent Cmpd List 8260 - Water	SW-846 8260B	1	W100731AA	03/14/2010 23:20	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W100731AA	03/14/2010 23:20	Nicholas P Riehl	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10071WAB026	03/23/2010 15:20	Timothy J Trees	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10071WAB026	03/12/2010 14:45	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/17/2010 03:26	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/17/2010 03:26	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	100740012A	03/16/2010 13:31	Dustin A Underkoffler	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	100740012A	03/15/2010 16:15	JoElla L Rice	1
06035	Lead	SW-846 6020	1	100756050001A	03/17/2010 10:07	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050001	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925128
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 14:35 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

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.	0.050	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	100756050001A	03/17/2010 10:08	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050001	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925129
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 11:15 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T4

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	3	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	2	1	1
10903	sec-Butylbenzene	135-98-8	10	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	14	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	22	1	1
10903	p-Isopropyltoluene	99-87-6	5	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	4	1	1
10903	n-Propylbenzene	103-65-1	24	1	1

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Analysis Report

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

LLI Sample # WW 5925129
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 11:15 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T4

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	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
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	69	1	1
10903	1,3,5-Trimethylbenzene	108-67-8	10	1	1
10903	Vinyl Chloride	75-01-4	N.D.	1	1
10903	m+p-Xylene	179601-23-1	13	0.5	1
10903	o-Xylene	95-47-6	3	0.5	1
10903	Xylene (Total)	1330-20-7	16	0.5	1
GC/MS Semivolatiles	**SW-846 8270C SIM**		ug/l	ug/l	
08357	Acenaphthene	83-32-9	0.13	0.0095	1
08357	Acenaphthylene	208-96-8	N.D.	0.025	1
08357	Anthracene	120-12-7	0.035	0.0095	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0095	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0095	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	1
08357	Chrysene	218-01-9	N.D.	0.0095	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	1
08357	Fluoranthene	206-44-0	0.015	0.0095	1
08357	Fluorene	86-73-7	0.23	0.0095	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	1
08357	Naphthalene	91-20-3	4.5	0.0095	1
08357	Phenanthrene	85-01-8	0.079	0.0095	1
08357	Pyrene	129-00-0	0.012	0.0095	1

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.

GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	2,700	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.	830	29	1

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Analysis Report

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

LLI Sample # WW 5925129
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 11:15 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

274T4

Account Number: 11260

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
GC Extractable TPH w/Si Gel	**ECY 97-602 NWTPH-Dx modified**		ug/l	ug/l	
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	68	1
Metals	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	53.0	0.050	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
10903	Solvent Cmpd List 8260 - Water	SW-846 8260B	1	W100731AA	03/14/2010 23:43	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W100731AA	03/14/2010 23:43	Nicholas P Riehl	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10071WAB026	03/20/2010 14:04	Joseph M Gambler	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10071WAB026	03/12/2010 14:45	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/17/2010 03:53	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/17/2010 03:53	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	100740012A	03/16/2010 13:52	Dustin A Underkoffler	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	100740012A	03/15/2010 16:15	JoElla L Rice	1
06035	Lead	SW-846 6020	1	100756050001A	03/17/2010 10:10	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050001	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925130
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 11:15 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

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	0.14	0.050	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	100756050001A	03/17/2010 10:11	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050001	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925131
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 15:05 by ML

Account Number: 11260

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T5

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	2	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

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Analysis Report

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

LLI Sample # WW 5925131
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 15:05 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T5

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	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
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.	0.0095	1
08357	Acenaphthylene	208-96-8	N.D.	0.0095	1
08357	Anthracene	120-12-7	N.D.	0.0095	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0095	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0095	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	1
08357	Chrysene	218-01-9	N.D.	0.0095	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	1
08357	Fluoranthene	206-44-0	N.D.	0.0095	1
08357	Fluorene	86-73-7	N.D.	0.0095	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	1
08357	Naphthalene	91-20-3	0.025	0.0095	1
08357	Phenanthrene	85-01-8	N.D.	0.0095	1
08357	Pyrene	129-00-0	N.D.	0.0095	1
GC Volatiles	**ECY 97-602 NWTPH-Gx**		ug/l	ug/l	
08273	NWTPH-Gx water C7-C12	n.a.	71	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.	450	300	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	700	1

Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

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Analysis Report

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

LLI Sample # WW 5925131
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 15:05 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals	SW-846 6020		ug/l	ug/l	
06035	Lead	7439-92-1	194	0.050	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
10903	Solvent Cmpd List 8260 - Water	SW-846 8260B	1	W100731AA	03/14/2010 22:34	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W100731AA	03/14/2010 22:34	Nicholas P Riehl	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10071WAB026	03/23/2010 15:50	Timothy J Trees	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10071WAB026	03/12/2010 14:45	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/16/2010 23:02	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/16/2010 23:02	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	100740012A	03/17/2010 19:37	Glorines Suarez-Rivera	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	100740012A	03/15/2010 16:15	JoBlla L Rice	1
06035	Lead	SW-846 6020	1	100756050002A	03/17/2010 11:05	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925132
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 15:05 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

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	0.074	0.050	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	100756050002A	03/17/2010 11:09	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-6 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5925133
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 13:20 by ML

Account Number: 11260

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T6

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	1	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

Sample Description: MW-6 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5925133
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 13:20 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T6

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	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
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.	0.10	1
08357	Acenaphthylene	208-96-8	N.D.	0.10	1
08357	Anthracene	120-12-7	N.D.	0.10	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.10	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.10	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.10	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.10	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.10	1
08357	Chrysene	218-01-9	N.D.	0.10	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.10	1
08357	Fluoranthene	206-44-0	N.D.	0.10	1
08357	Fluorene	86-73-7	N.D.	0.10	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.10	1
08357	Naphthalene	91-20-3	0.25	0.10	1
08357	Phenanthrene	85-01-8	N.D.	0.10	1
08357	Pyrene	129-00-0	N.D.	0.10	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.				
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.	58	30	1
02211	HRO C24-C40 w/Si Gel	n.a.	N.D.	69	1

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Analysis Report

Sample Description: MW-6 Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5925133
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 13:20 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
Metals	**SW-846 6020**		ug/l	ug/l	
06035	Lead	7439-92-1	39.3	0.050	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
10903	Solvent Cmpd List 8260 - Water	SW-846 8260B	1	W100731AA	03/14/2010 22:57	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W100731AA	03/14/2010 22:57	Nicholas P Riehl	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10071WAB026	03/23/2010 16:22	Timothy J Trees	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10071WAB026	03/12/2010 14:45	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/17/2010 04:20	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/17/2010 04:20	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	100740012A	03/16/2010 14:33	Dustin A Underkoffler	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	100740012A	03/15/2010 16:15	JoElla L Rice	1
06035	Lead	SW-846 6020	1	100756050002A	03/17/2010 11:10	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

Sample Description: MW-6 Filtered Grab Water Sample
Facility# 352300 Job# 385853
State Route 274 - Tekoa, WA

LLI Sample # WW 5925134
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 13:20 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

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.	0.050	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	100756050002A	03/17/2010 11:11	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925135
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 10:00 by ML

Account Number: 11260

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T7

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

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

LLI Sample # WW 5925135
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 10:00 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274T7

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	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
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.	0.0095	1
08357	Acenaphthylene	208-96-8	N.D.	0.0095	1
08357	Anthracene	120-12-7	0.015	0.0095	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0095	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0095	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	1
08357	Chrysene	218-01-9	N.D.	0.0095	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	1
08357	Fluoranthene	206-44-0	N.D.	0.0095	1
08357	Fluorene	86-73-7	N.D.	0.0095	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	1
08357	Naphthalene	91-20-3	0.042	0.0095	1
08357	Phenanthrene	85-01-8	N.D.	0.0095	1
08357	Pyrene	129-00-0	N.D.	0.0095	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.	56	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	18.1	0.050	1

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Analysis Report

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

LLI Sample # WW 5925135
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 10:00 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

274T7

Account Number: 11260

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

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	Solvent Cmpd List 8260 - Water	SW-846 8260B	1	W100741AA	03/15/2010 20:41	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W100741AA	03/15/2010 20:41	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W100741AA	03/15/2010 20:41	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10071WAB026	03/23/2010 16:52	Timothy J Trees	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10071WAB026	03/12/2010 14:45	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/17/2010 04:46	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/17/2010 04:46	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	100740012A	03/16/2010 14:53	Dustin A Underkoffler	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	100740012A	03/15/2010 16:15	JoElla L Rice	1
06035	Lead	SW-846 6020	1	100756050002A	03/17/2010 11:12	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925136
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 10:00 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

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	0.059	0.050	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	100756050002A	03/17/2010 11:13	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

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Analysis Report

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

LLI Sample # WW 5925137
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 by ML

Account Number: 11260

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274FD

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

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Analysis Report

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

LLI Sample # WW 5925137
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 by ML

Account Number: 11260

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

274FD

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	Styrene	100-42-5	N.D.	1	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1	1
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.	0.0095	1
08357	Acenaphthylene	208-96-8	N.D.	0.0095	1
08357	Anthracene	120-12-7	0.015	0.0095	1
08357	Benzo(a)anthracene	56-55-3	N.D.	0.0095	1
08357	Benzo(a)pyrene	50-32-8	N.D.	0.0095	1
08357	Benzo(b)fluoranthene	205-99-2	N.D.	0.0095	1
08357	Benzo(g,h,i)perylene	191-24-2	N.D.	0.0095	1
08357	Benzo(k)fluoranthene	207-08-9	N.D.	0.0095	1
08357	Chrysene	218-01-9	N.D.	0.0095	1
08357	Dibenz(a,h)anthracene	53-70-3	N.D.	0.0095	1
08357	Fluoranthene	206-44-0	N.D.	0.0095	1
08357	Fluorene	86-73-7	N.D.	0.0095	1
08357	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.0095	1
08357	Naphthalene	91-20-3	0.063	0.0095	1
08357	Phenanthrene	85-01-8	N.D.	0.0095	1
08357	Pyrene	129-00-0	N.D.	0.0095	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.	110	29	1
02211	HRO C24-C40 w/Si Gel	n.a.	110	68	1
Metals	**SW-846 6020**		**ug/l**	**ug/l**	
06035	Lead	7439-92-1	21.9	0.050	1

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Analysis Report

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

LLI Sample # WW 5925137
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

274FD

Account Number: 11260

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

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	Solvent Cmpd List 8260 - Water	SW-846 8260B	1	W100741AA	03/15/2010 21:04	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W100741AA	03/15/2010 21:04	Emily R Styer	1
08357	PAHs in waters by SIM	SW-846 8270C SIM	1	10071WAB026	03/23/2010 17:22	Timothy J Trees	1
10470	BNA Water Extraction (SIM)	SW-846 3510C	1	10071WAB026	03/12/2010 14:45	Kelli M Barto	1
08273	NWTPH-Gx water C7-C12	ECY 97-602 NWTPH-Gx	1	10075A94A	03/17/2010 05:13	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10075A94A	03/17/2010 05:13	Marie D John	1
02211	NWTPH-Dx water w/Si Gel	ECY 97-602 NWTPH-Dx modified	1	100740012A	03/16/2010 15:14	Dustin A Underkoffler	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	100740012A	03/15/2010 16:15	JoElla L Rice	1
06035	Lead	SW-846 6020	1	100756050002A	03/17/2010 11:14	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

Lancaster Laboratories

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Analysis Report

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

LLI Sample # WW 5925138
LLI Group # 1185702
WA

Project Name: 352300

Collected: 03/08/2010 by ML

Submitted: 03/11/2010 09:35
Reported: 03/25/2010 at 10:59
Discard: 04/25/2010

Account Number: 11260

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.	0.050	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	100756050002A	03/17/2010 11:16	Choon Y Tian	1
06050	ICP/MS SW-846 Water Digest	SW-846 3020A	1	100756050002	03/16/2010 19:00	Mirit S Shenouda	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 03/25/10 at 10:59 AM

Group Number: 1185702

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: W100731AA	Sample number(s): 5925125,5925127,5925129,5925131,5925133							
Acetone	N.D.	6.	ug/l	111		49-234		
Benzene	N.D.	0.5	ug/l	103		79-120		
Bromobenzene	N.D.	1.	ug/l	101		80-120		
Bromochloromethane	N.D.	1.	ug/l	103		80-120		
Bromodichloromethane	N.D.	1.	ug/l	101		80-120		
Bromoform	N.D.	1.	ug/l	91		61-120		
Bromomethane	N.D.	1.	ug/l	83		44-120		
2-Butanone	N.D.	3.	ug/l	98		66-151		
n-Butylbenzene	N.D.	1.	ug/l	93		74-120		
sec-Butylbenzene	N.D.	1.	ug/l	96		78-120		
tert-Butylbenzene	N.D.	1.	ug/l	100		80-120		
Carbon Disulfide	N.D.	1.	ug/l	102		62-120		
Carbon Tetrachloride	N.D.	1.	ug/l	104		75-123		
Chlorobenzene	N.D.	0.8	ug/l	104		80-120		
Chloroethane	N.D.	1.	ug/l	83		49-129		
Chloroform	N.D.	0.8	ug/l	102		77-122		
Chloromethane	N.D.	1.	ug/l	75		60-129		
2-Chlorotoluene	N.D.	1.	ug/l	99		80-120		
4-Chlorotoluene	N.D.	1.	ug/l	96		80-120		
1,2-Dibromo-3-chloropropane	N.D.	2.	ug/l	84		66-120		
Dibromochloromethane	N.D.	1.	ug/l	98		80-120		
1,2-Dibromoethane	N.D.	0.5	ug/l	95		80-120		
Dibromomethane	N.D.	1.	ug/l	104		80-120		
1,2-Dichlorobenzene	N.D.	1.	ug/l	102		80-120		
1,3-Dichlorobenzene	N.D.	1.	ug/l	101		80-120		
1,4-Dichlorobenzene	N.D.	1.	ug/l	99		80-120		
Dichlorodifluoromethane	N.D.	2.	ug/l	64		54-152		
1,1-Dichloroethane	N.D.	1.	ug/l	107		79-120		
1,2-Dichloroethane	N.D.	0.5	ug/l	99		70-130		
1,1-Dichloroethene	N.D.	0.8	ug/l	111		74-123		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	109		80-120		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	112		80-120		
1,2-Dichloropropane	N.D.	1.	ug/l	106		78-120		
1,3-Dichloropropane	N.D.	1.	ug/l	98		80-120		
2,2-Dichloropropane	N.D.	1.	ug/l	108		77-124		
1,1-Dichloropropene	N.D.	1.	ug/l	106		80-120		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	100		80-120		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	98		79-120		
Ethylbenzene	N.D.	0.5	ug/l	102		79-120		
Hexachlorobutadiene	N.D.	2.	ug/l	93		58-120		
2-Hexanone	N.D.	3.	ug/l	83		65-136		
Isopropylbenzene	N.D.	1.	ug/l	103		77-120		
p-Isopropyltoluene	N.D.	1.	ug/l	98		80-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	102		76-120		
4-Methyl-2-pentanone	N.D.	3.	ug/l	90		70-121		
Methylene Chloride	N.D.	2.	ug/l	110		80-120		

*- 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: 1185702
Reported: 03/25/10 at 10:59 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Naphthalene	N.D.	1.	ug/l	98		62-120		
n-Propylbenzene	N.D.	1.	ug/l	98		80-120		
Styrene	N.D.	1.	ug/l	102		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.	ug/l	100		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	93		71-120		
Tetrachloroethene	N.D.	0.8	ug/l	103		80-121		
Toluene	N.D.	0.5	ug/l	104		79-120		
1,2,3-Trichlorobenzene	N.D.	1.	ug/l	94		65-120		
1,2,4-Trichlorobenzene	N.D.	1.	ug/l	100		67-120		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	107		75-127		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	99		80-120		
Trichloroethene	N.D.	1.	ug/l	109		80-120		
Trichlorofluoromethane	N.D.	2.	ug/l	86		64-129		
1,2,3-Trichloropropane	N.D.	1.	ug/l	91		80-120		
1,2,4-Trimethylbenzene	N.D.	1.	ug/l	100		74-120		
1,3,5-Trimethylbenzene	N.D.	1.	ug/l	96		75-120		
Vinyl Chloride	N.D.	1.	ug/l	82		59-120		
m+p-Xylene	N.D.	0.5	ug/l	102		80-120		
o-Xylene	N.D.	0.5	ug/l	100		80-120		
Xylene (Total)	N.D.	0.5	ug/l	101		80-120		
Batch number: W100741AA	Sample number(s): 5925135,5925137							
Acetone	N.D.	6.	ug/l	112		49-234		
Benzene	N.D.	0.5	ug/l	106		79-120		
Bromobenzene	N.D.	1.	ug/l	104		80-120		
Bromochloromethane	N.D.	1.	ug/l	108		80-120		
Bromodichloromethane	N.D.	1.	ug/l	101		80-120		
Bromoform	N.D.	1.	ug/l	97		61-120		
Bromomethane	N.D.	1.	ug/l	92		44-120		
2-Butanone	N.D.	3.	ug/l	102		66-151		
n-Butylbenzene	N.D.	1.	ug/l	95		74-120		
sec-Butylbenzene	N.D.	1.	ug/l	98		78-120		
tert-Butylbenzene	N.D.	1.	ug/l	99		80-120		
Carbon Disulfide	N.D.	1.	ug/l	108		62-120		
Carbon Tetrachloride	N.D.	1.	ug/l	108		75-123		
Chlorobenzene	N.D.	0.8	ug/l	109		80-120		
Chloroethane	N.D.	1.	ug/l	91		49-129		
Chloroform	N.D.	0.8	ug/l	103		77-122		
Chloromethane	N.D.	1.	ug/l	82		60-129		
2-Chlorotoluene	N.D.	1.	ug/l	102		80-120		
4-Chlorotoluene	N.D.	1.	ug/l	100		80-120		
1,2-Dibromo-3-chloropropane	N.D.	2.	ug/l	86		66-120		
Dibromochloromethane	N.D.	1.	ug/l	101		80-120		
1,2-Dibromoethane	N.D.	0.5	ug/l	99		80-120		
Dibromomethane	N.D.	1.	ug/l	105		80-120		
1,2-Dichlorobenzene	N.D.	1.	ug/l	103		80-120		
1,3-Dichlorobenzene	N.D.	1.	ug/l	104		80-120		
1,4-Dichlorobenzene	N.D.	1.	ug/l	103		80-120		
Dichlorodifluoromethane	N.D.	2.	ug/l	79		54-152		
1,1-Dichloroethane	N.D.	1.	ug/l	108		79-120		
1,2-Dichloroethane	N.D.	0.5	ug/l	100		70-130		
1,1-Dichloroethene	N.D.	0.8	ug/l	114		74-123		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	113		80-120		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	118		80-120		
1,2-Dichloropropane	N.D.	1.	ug/l	110		78-120		

*- 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: 1185702
Reported: 03/25/10 at 10:59 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,3-Dichloropropane	N.D.	1.	ug/l	100		80-120		
2,2-Dichloropropane	N.D.	1.	ug/l	110		77-124		
1,1-Dichloropropene	N.D.	1.	ug/l	110		80-120		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	101		80-120		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	101		79-120		
Ethylbenzene	N.D.	0.5	ug/l	106		79-120		
Hexachlorobutadiene	N.D.	2.	ug/l	96		58-120		
2-Hexanone	N.D.	3.	ug/l	86		65-136		
Isopropylbenzene	N.D.	1.	ug/l	107		77-120		
p-Isopropyltoluene	N.D.	1.	ug/l	101		80-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	105		76-120		
4-Methyl-2-pentanone	N.D.	3.	ug/l	91		70-121		
Methylene Chloride	N.D.	2.	ug/l	114		80-120		
Naphthalene	N.D.	1.	ug/l	98		62-120		
n-Propylbenzene	N.D.	1.	ug/l	102		80-120		
Styrene	N.D.	1.	ug/l	105		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.	ug/l	100		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	95		71-120		
Tetrachloroethene	N.D.	0.8	ug/l	109		80-121		
Toluene	N.D.	0.5	ug/l	109		79-120		
1,2,3-Trichlorobenzene	N.D.	1.	ug/l	95		65-120		
1,2,4-Trichlorobenzene	N.D.	1.	ug/l	102		67-120		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	110		75-127		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	104		80-120		
Trichloroethene	N.D.	1.	ug/l	110		80-120		
Trichlorofluoromethane	N.D.	2.	ug/l	99		64-129		
1,2,3-Trichloropropane	N.D.	1.	ug/l	94		80-120		
1,2,4-Trimethylbenzene	N.D.	1.	ug/l	103		74-120		
1,3,5-Trimethylbenzene	N.D.	1.	ug/l	100		75-120		
Vinyl Chloride	N.D.	1.	ug/l	91		59-120		
m+p-Xylene	N.D.	0.5	ug/l	107		80-120		
o-Xylene	N.D.	0.5	ug/l	109		80-120		
Xylene (Total)	N.D.	0.5	ug/l	107		80-120		
Batch number: Z100763AA	Sample number(s): 5925124							
Benzene	N.D.	0.5	ug/l	98	99	79-120	2	30
Ethylbenzene	N.D.	0.5	ug/l	98	101	79-120	3	30
Toluene	N.D.	0.5	ug/l	100	103	79-120	3	30
Xylene (Total)	N.D.	0.5	ug/l	99	102	80-120	3	30
Batch number: 10071WAB026	Sample number(s): 5925125,5925127,5925129,5925131,5925133,5925135,5925137							
Acenaphthene	N.D.	0.010	ug/l	94		74-109		
Acenaphthylene	N.D.	0.010	ug/l	100		70-110		
Anthracene	N.D.	0.010	ug/l	98		66-111		
Benzo(a)anthracene	N.D.	0.010	ug/l	99		72-114		
Benzo(a)pyrene	N.D.	0.010	ug/l	98		64-115		
Benzo(b)fluoranthene	N.D.	0.010	ug/l	98		69-123		
Benzo(g,h,i)perylene	N.D.	0.010	ug/l	92		68-125		
Benzo(k)fluoranthene	N.D.	0.010	ug/l	100		72-122		
Chrysene	N.D.	0.010	ug/l	98		76-116		
Dibenz(a,h)anthracene	N.D.	0.010	ug/l	91		71-125		
Fluoranthene	N.D.	0.010	ug/l	101		75-116		
Fluorene	N.D.	0.010	ug/l	101		75-114		
Indeno(1,2,3-cd)pyrene	N.D.	0.010	ug/l	96		69-124		
Naphthalene	N.D.	0.010	ug/l	95		72-109		

*- 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: 1185702
Reported: 03/25/10 at 10:59 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Phenanthrene	N.D.	0.010	ug/l	102		76-111		
Pyrene	N.D.	0.010	ug/l	108		69-118		
Batch number: 10075A94A	Sample number(s): 5925124-5925125,5925127,5925129,5925131,5925133,5925135,5925137							
NWTPH-Gx water C7-C12	N.D.	50.	ug/l	109	109	75-135	0	30
Batch number: 100740012A	Sample number(s): 5925125,5925127,5925129,5925131,5925133,5925135,5925137							
DRO C12-C24 w/Si Gel	N.D.	30.	ug/l	80		50-100		
HRO C24-C40 w/Si Gel	N.D.	70.	ug/l					
Batch number: 100756050001A	Sample number(s): 5925125-5925130							
Lead	N.D.	0.050	ug/l	100		90-115		
Batch number: 100756050002A	Sample number(s): 5925131-5925138							
Lead	N.D.	0.050	ug/l	102		90-115		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: W100731AA	Sample number(s): 5925125,5925127,5925129,5925131,5925133 UNSPK: P924575								
Acetone	109	107	52-139	2	30				
Benzene	118	115	80-126	3	30				
Bromobenzene	111	112	82-115	1	30				
Bromochloromethane	117	118	83-123	0	30				
Bromodichloromethane	114	114	78-125	0	30				
Bromoform	101	97	60-121	4	30				
Bromomethane	97	90	38-149	8	30				
2-Butanone	102	99	57-138	3	30				
n-Butylbenzene	112	106	73-128	6	30				
sec-Butylbenzene	111	109	79-125	2	30				
tert-Butylbenzene	117	113	81-121	4	30				
Carbon Disulfide	121	120	67-135	1	30				
Carbon Tetrachloride	128	125	81-138	2	30				
Chlorobenzene	117	117	87-124	0	30				
Chloroethane	96	89	51-145	7	30				
Chloroform	118	117	81-134	1	30				
Chloromethane	82	78	67-154	5	30				
2-Chlorotoluene	107	112	82-118	5	30				
4-Chlorotoluene	113	108	84-122	4	30				
1,2-Dibromo-3-chloropropane	93	91	66-121	2	30				
Dibromochloromethane	107	103	74-116	4	30				
1,2-Dibromoethane	104	105	77-116	0	30				
Dibromomethane	110	110	83-119	0	30				
1,2-Dichlorobenzene	109	111	84-119	2	30				
1,3-Dichlorobenzene	110	110	86-121	0	30				
1,4-Dichlorobenzene	109	110	85-121	1	30				
Dichlorodifluoromethane	82	80	64-163	2	30				

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

Quality Control Summary

Client Name: Chevron
Group Number: 1185702
Reported: 03/25/10 at 10:59 AM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,1-Dichloroethane	121	121	84-129	0	30				
1,2-Dichloroethane	111	108	66-141	2	30				
1,1-Dichloroethene	127	129	85-142	2	30				
cis-1,2-Dichloroethene	122	120	85-125	2	30				
trans-1,2-Dichloroethene	128*	125	87-126	2	30				
1,2-Dichloropropane	119	118	83-124	0	30				
1,3-Dichloropropane	108	106	81-120	1	30				
2,2-Dichloropropane	128	124	81-135	3	30				
1,1-Dichloropropene	129	126	86-137	2	30				
cis-1,3-Dichloropropene	112	106	75-125	5	30				
trans-1,3-Dichloropropene	108	107	74-119	1	30				
Ethylbenzene	119	117	71-134	2	30				
Hexachlorobutadiene	112	101	56-134	10	30				
2-Hexanone	90	87	55-127	4	30				
Isopropylbenzene	130*	117	75-128	8	30				
p-Isopropyltoluene	109	110	76-123	1	30				
Methyl Tertiary Butyl Ether	112	109	72-126	2	30				
4-Methyl-2-pentanone	98	96	63-123	2	30				
Methylene Chloride	133*	127*	79-120	4	30				
Naphthalene	108	106	52-125	1	30				
n-Propylbenzene	116	108	74-134	6	30				
Styrene	116	115	60-140	0	30				
1,1,1,2-Tetrachloroethane	111	107	82-119	4	30				
1,1,2,2-Tetrachloroethane	98	98	73-119	0	30				
Tetrachloroethene	119	117	80-128	2	30				
Toluene	120	120	80-125	0	30				
1,2,3-Trichlorobenzene	103	102	57-122	1	30				
1,2,4-Trichlorobenzene	112	108	60-122	3	30				
1,1,1-Trichloroethane	127	124	80-143	2	30				
1,1,2-Trichloroethane	110	108	77-124	1	30				
Trichloroethene	127	123	88-133	3	30				
Trichlorofluoromethane	110	107	73-152	3	30				
1,2,3-Trichloropropane	94	102	76-118	9	30				
1,2,4-Trimethylbenzene	112	111	72-130	1	30				
1,3,5-Trimethylbenzene	108	110	72-131	2	30				
Vinyl Chloride	95	97	66-133	2	30				
m+p-Xylene	118	114	79-125	3	30				
o-Xylene	117	115	79-125	2	30				
Xylene (Total)	117	114	79-125	3	30				
Batch number: W100741AA	Sample number(s): 5925135,5925137 UNSPK: P921450								
Acetone	98	100	52-139	3	30				
Benzene	112	112	80-126	0	30				
Bromobenzene	104	105	82-115	1	30				
Bromochloromethane	110	110	83-123	0	30				
Bromodichloromethane	107	108	78-125	1	30				
Bromoform	95	93	60-121	2	30				
Bromomethane	98	99	38-149	1	30				
2-Butanone	94	96	57-138	2	30				
n-Butylbenzene	95	95	73-128	0	30				
sec-Butylbenzene	101	99	79-125	2	30				
tert-Butylbenzene	103	105	81-121	2	30				
Carbon Disulfide	114	111	67-135	3	30				

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 03/25/10 at 10:59 AM

Group Number: 1185702

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
Carbon Tetrachloride	122	119	81-138	2	30				
Chlorobenzene	113	115	87-124	1	30				
Chloroethane	103	99	51-145	4	30				
Chloroform	111	107	81-134	4	30				
Chloromethane	85	79	67-154	7	30				
2-Chlorotoluene	104	106	82-118	2	30				
4-Chlorotoluene	102	103	84-122	1	30				
1,2-Dibromo-3-chloropropane	85	85	66-121	0	30				
Dibromochloromethane	103	103	74-116	0	30				
1,2-Dibromoethane	101	102	77-116	1	30				
Dibromomethane	105	106	83-119	1	30				
1,2-Dichlorobenzene	104	104	84-119	0	30				
1,3-Dichlorobenzene	105	104	86-121	0	30				
1,4-Dichlorobenzene	106	103	85-121	4	30				
Dichlorodifluoromethane	86	84	64-163	2	30				
1,1-Dichloroethane	116	114	84-129	1	30				
1,2-Dichloroethane	105	104	66-141	1	30				
1,1-Dichloroethene	120	121	85-142	1	30				
cis-1,2-Dichloroethene	116	114	85-125	2	30				
trans-1,2-Dichloroethene	124	119	87-126	4	30				
1,2-Dichloropropane	116	111	83-124	4	30				
1,3-Dichloropropane	102	104	81-120	2	30				
2,2-Dichloropropane	120	120	81-135	0	30				
1,1-Dichloropropene	117	121	86-137	4	30				
cis-1,3-Dichloropropene	104	103	75-125	1	30				
trans-1,3-Dichloropropene	103	103	74-119	1	30				
Ethylbenzene	111	112	71-134	1	30				
Hexachlorobutadiene	81	87	56-134	7	30				
2-Hexanone	81	83	55-127	3	30				
Isopropylbenzene	112	116	75-128	4	30				
p-Isopropyltoluene	101	100	76-123	1	30				
Methyl Tertiary Butyl Ether	106	105	72-126	0	30				
4-Methyl-2-pentanone	90	92	63-123	2	30				
Methylene Chloride	115	118	79-120	3	30				
Naphthalene	92	96	52-125	4	30				
n-Propylbenzene	105	103	74-134	2	30				
Styrene	111	109	60-140	2	30				
1,1,1,2-Tetrachloroethane	104	106	82-119	2	30				
1,1,2,2-Tetrachloroethane	92	92	73-119	0	30				
Tetrachloroethene	115	112	80-128	3	30				
Toluene	113	116	80-125	2	30				
1,2,3-Trichlorobenzene	88	91	57-122	4	30				
1,2,4-Trichlorobenzene	96	97	60-122	1	30				
1,1,1-Trichloroethane	118	120	80-143	1	30				
1,1,2-Trichloroethane	104	104	77-124	0	30				
Trichloroethene	116	115	88-133	1	30				
Trichlorofluoromethane	107	107	73-152	0	30				
1,2,3-Trichloropropane	93	92	76-118	1	30				
1,2,4-Trimethylbenzene	103	104	72-130	0	30				
1,3,5-Trimethylbenzene	102	101	72-131	1	30				
Vinyl Chloride	101	96	66-133	5	30				
m+p-Xylene	111	112	79-125	1	30				
o-Xylene	111	110	79-125	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
Reported: 03/25/10 at 10:59 AM

Group Number: 1185702

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Xylene (Total)	111	111	79-125	0	30				
Batch number: Z100763AA	Sample number(s): 5925124 UNSPK: P926548								
Benzene	99		80-126						
Ethylbenzene	100		71-134						
Toluene	103		80-125						
Xylene (Total)	101		79-125						
Batch number: 10071WAB026	Sample number(s): 5925125,5925127,5925129,5925131,5925133,5925135,5925137 UNSPK: P924575								
Acenaphthene	81	81	55-124	0	30				
Acenaphthylene	92	88	49-132	4	30				
Anthracene	82	94	43-134	13	30				
Benzo(a)anthracene	86	78	50-130	10	30				
Benzo(a)pyrene	76	74	42-132	2	30				
Benzo(b)fluoranthene	84	81	36-143	4	30				
Benzo(g,h,i)perylene	62	55	17-141	12	30				
Benzo(k)fluoranthene	70	71	36-135	1	30				
Chrysene	88	85	50-133	4	30				
Dibenz(a,h)anthracene	73	66	33-137	10	30				
Fluoranthene	79	96	40-144	18	30				
Fluorene	78	70	47-135	4	30				
Indeno(1,2,3-cd)pyrene	72	63	10-147	13	30				
Naphthalene	88	87	72-119	1	30				
Phenanthrene	87	104	25-153	15	30				
Pyrene	80	72	10-156	11	30				
Batch number: 10075A94A	Sample number(s): 5925124-5925125,5925127,5925129,5925131,5925133,5925135,5925137 UNSPK: P924575								
NWTPH-Gx water C7-C12	113	122	57-157	6	30				
Batch number: 100740012A	Sample number(s): 5925125,5925127,5925129,5925131,5925133,5925135,5925137 BKG: P922647								
DRO C12-C24 w/Si Gel						3,700	4,400	17 (1)	20
HRO C24-C40 w/Si Gel						N.D.	N.D.	0 (1)	20
Batch number: 100756050001A	Sample number(s): 5925125-5925130 UNSPK: P924575 BKG: P924575								
Lead	109	116	75-125	5	20	4.9	5.3	8 (1)	20
Batch number: 100756050002A	Sample number(s): 5925131-5925138 UNSPK: P924579 BKG: P924579								
Lead	108	105	75-125	3	20	0.084	0.065	25* (1)	20

Surrogate Quality Control

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

Analysis Name: PPL List
Batch number: W100731AA

Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

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

Quality Control Summary

Client Name: Chevron
Reported: 03/25/10 at 10:59 AM

Group Number: 1185702

Surrogate Quality Control

5925125	94	93	95	89
5925127	93	96	95	93
5925129	94	90	99	96
5925131	95	92	96	90
5925133	95	90	95	89
Blank	92	94	95	89
LCS	93	89	96	92
MS	97	95	97	95
MSD	95	91	97	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL List
Batch number: W100741AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5925135	97	95	96	88
5925137	97	94	95	90
Blank	95	93	96	90
LCS	94	96	97	91
MS	96	94	97	93
MSD	96	92	95	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX by 8260B
Batch number: Z100763AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5925124	97	96	104	96
Blank	96	95	103	96
LCS	97	96	102	98
LCSD	98	97	103	99
MS	97	95	103	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PAHs in waters by SIM
Batch number: 10071WAB026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5925125	115	100	65
5925127	120	88	74
5925129	143	69	80
5925131	113	92	72
5925133	114	92	90
5925135	111	92	77
5925137	121	100	80
Blank	108	101	102
LCS	114	105	102
MS	140	98	70
MSD	128	94	67
Limits:	64-147	68-132	53-129

Analysis Name: NWTPH-Gx water C7-C12
Batch number: 10075A94A

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Quality Control Summary

Client Name: Chevron
Reported: 03/25/10 at 10:59 AM

Group Number: 1185702

Surrogate Quality Control

	Trifluorotoluene-F
5925124	91
5925125	81
5925127	83
5925129	88
5925131	79
5925133	79
5925135	81
5925137	81
Blank	89
LCS	89
LCSD	88
MS	92
MSD	96
Limits:	63-135

Analysis Name: NWTPH-Dx water w/Si Gel
Batch number: 100740012A

	Orthoterphenyl
5925125	97
5925127	99
5925129	109
5925131	91
5925133	89
5925135	92
5925137	97
Blank	103
DUP	90
LCS	105
Limits:	50-150

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

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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