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9:14 am, Apr 11, 2011

Alameda County
Environmental Health

Thomas Bauhs
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6231
Fax (925) 984-8373
tbauhs@chevron.com

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Texaco Service Station No. 30-7233
2259 First Street
Livermore, California

I accept the **First Quarter 2011 Groundwater Monitoring and Sampling Report** dated April 9, 2011.

I agree with the conclusions and recommendations presented in this document. The information included is accurate to the best of my knowledge, and appears to meet local agency and Regional Board guidelines. This **First Quarter 2011 Groundwater Monitoring and Sampling Report** was prepared by Conestoga Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

A handwritten signature in black ink that reads "Thomas Bauhs".

Thomas Bauhs
Project Manager

Attachment: First Quarter 2011 Groundwater Monitoring and Sampling Report



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
<http://www.craworld.com>

April 9, 2011

Reference No. 312264

Mr. Jerry Wickham
Alameda County Environmental Health Services (ACEHS)
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: First Quarter 2011
Groundwater Monitoring and Sampling Report
Former Texaco Service Station 30-7233
2259 First Street
Livermore, California
ACEHS Case No. RO0002908

Dear Mr. Jerry Wickham:

Conestoga-Rovers & Associates (CRA) is submitting this *First Quarter 2011 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Gettler-Ryan, Inc. (G-R) of Dublin, California. G-R's March 15, 2011 *Groundwater Monitoring and Sampling Data Package* is included as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' March 18, 2011 *Analytical Results* is included as Attachment B.

CRA requests to reduce the groundwater monitoring and sampling frequency as directed by the State Water Resources Control Board *Resolution No. 2009-0042*. CRA proposes to reduce sampling frequency to semi-annual during the first and third quarters in all site wells based on seasonally high concentrations during four consecutive quarters of groundwater monitoring and sampling. We recommend no changes to the current suite of laboratory analyses.

Equal
Employment Opportunity
Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

April 9, 2011

Reference No. 312264

- 2 -

Please contact David Grunat at (510) 420-3363 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

David Grunat

Brandon S. Wilken, PG 7564



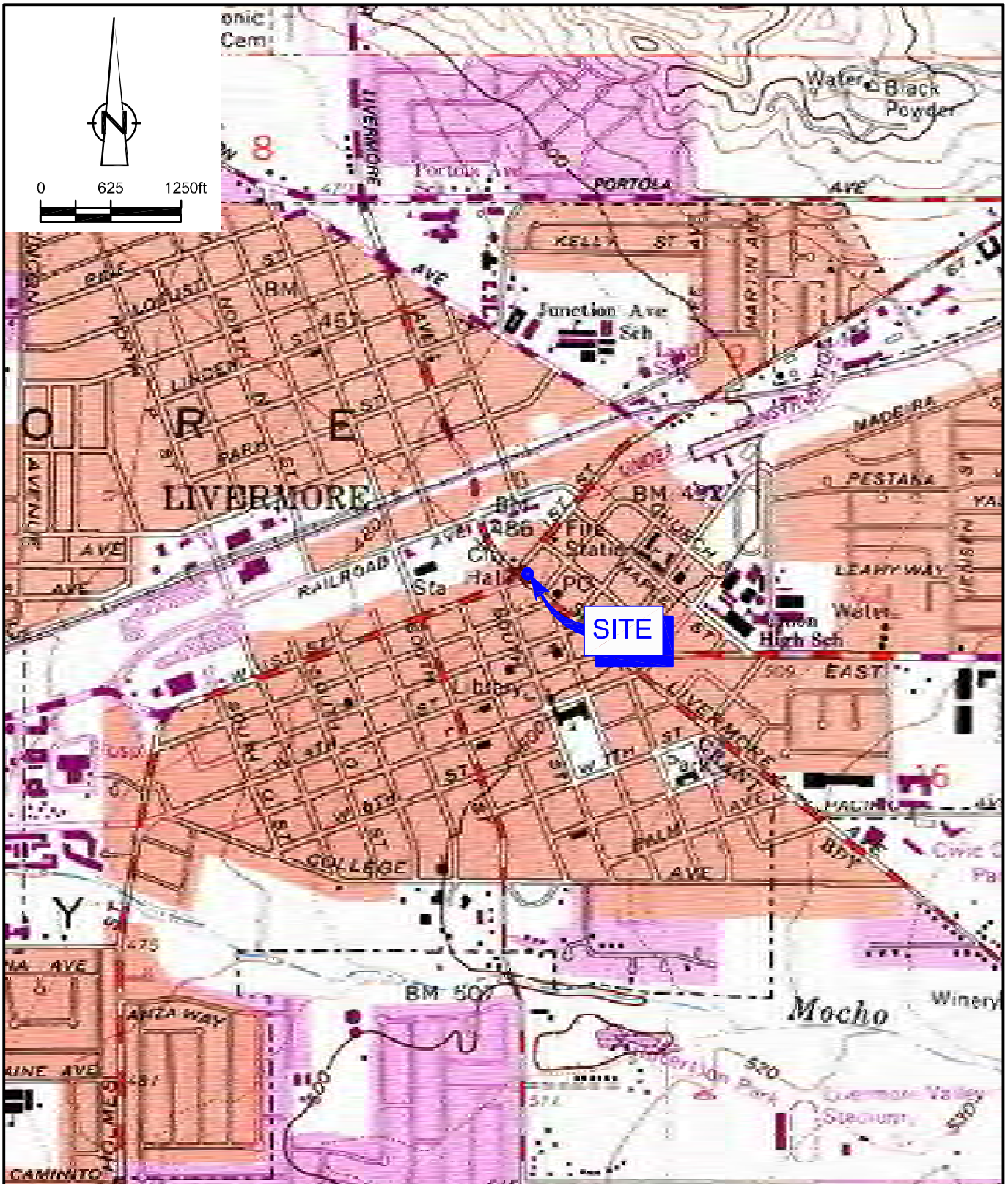
AA/aa/11

Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentration Map (Shallow)
Figure 3	Groundwater Elevation and Hydrocarbon Concentration Map (Deep)
Table 1	Groundwater Monitoring and Sampling Data
Attachment A	Monitoring Data Package
Attachment B	Laboratory Analytical Report

cc: Mr. Tom Bauhs, Chevron
Mr. Eric Uranaga, City of Livermore Economic Development

FIGURES

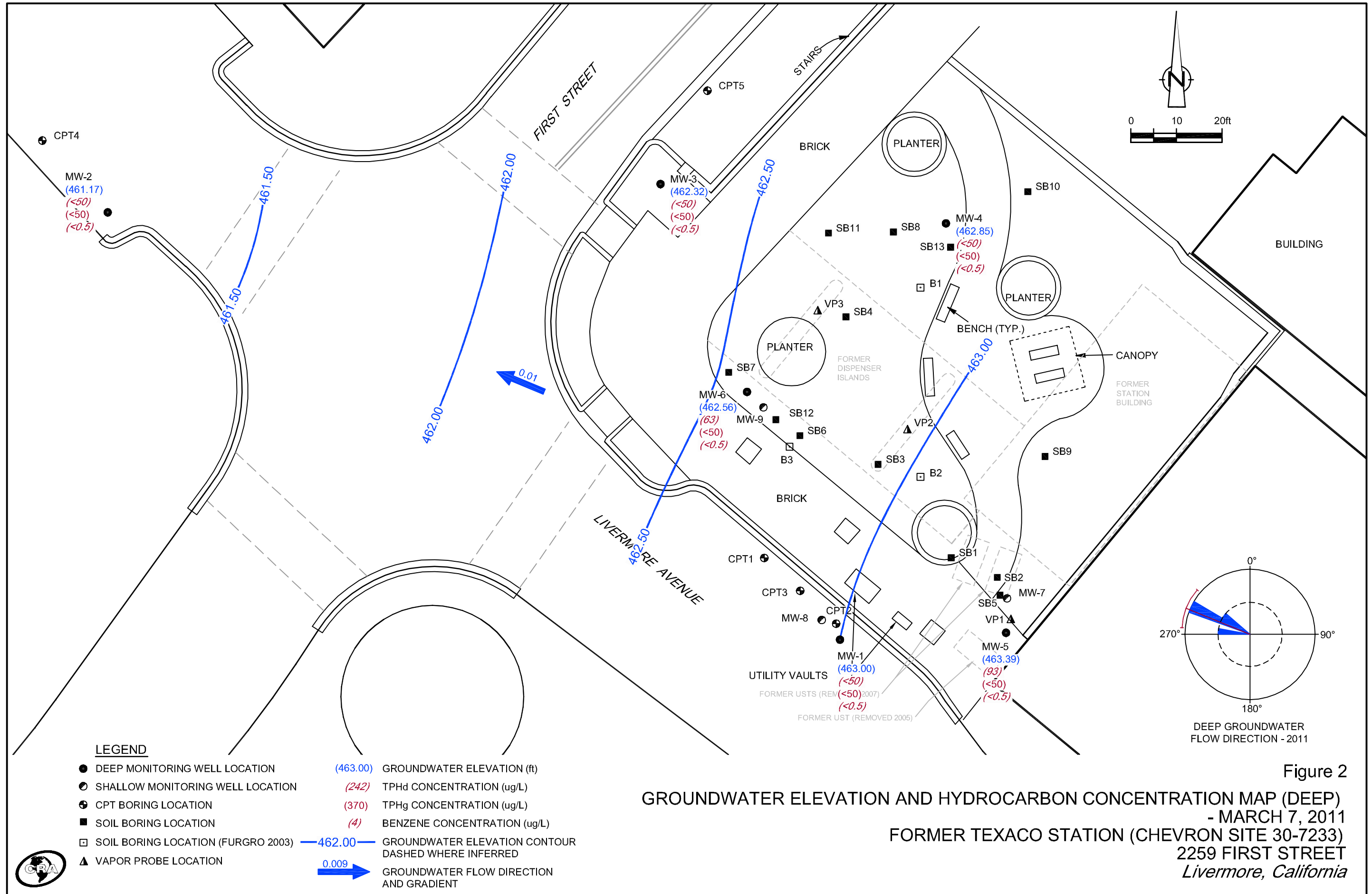


SOURCE: TOPO! MAPS.

Figure 1

VICINITY MAP
 FORMER TEXACO STATION (CHEVRON SITE 30-7233)
 2259 FIRST STREET
 Livermore, California





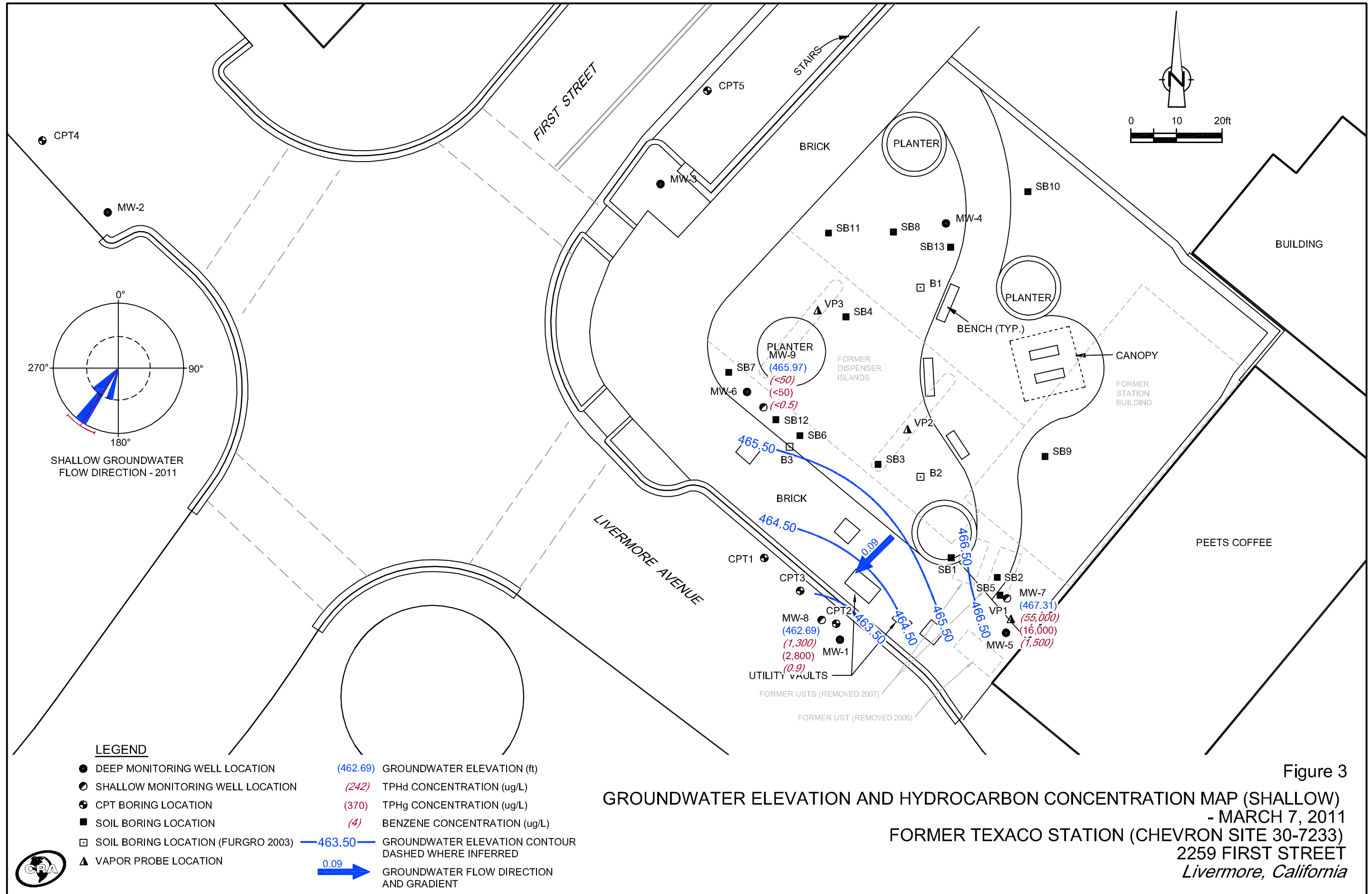


Figure 3

TABLE

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET
LIVERMORE, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS			PRIMARY VOCS				GENERAL CHEMISTRY		
					TPH-DRO	TPH-DRO w/Si Gel	TPH-GRO	B	T	E	X	Nitrate Nitrogen	Sulfate	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	05/25/2010 ¹	490.86	30.62	460.24	-	-	-	-	-	-	-	-	-	-
MW-1	05/27/2010	490.86	30.65	460.21	<50	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-1	09/13/2010	490.86	36.49	454.37	51	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-1	12/20/2010	490.86	32.24	458.62	-	79	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-1	03/07/2011	490.86	27.86	463.00	-	<50	<50	<0.5	<0.5	<0.5	<0.5	6,900	73,600	<10
MW-2	05/25/2010 ¹	489.43	31.18	458.25	-	-	-	-	-	-	-	-	-	-
MW-2	05/27/2010	489.43	31.11	458.32	<50	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-2	09/13/2010	489.43	36.96	452.47	<50	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-2	12/20/2010	489.43	32.62	456.81	-	52	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-2	03/07/2011	489.43	28.26	461.17	-	<50	<50	<0.5	<0.5	<0.5	<0.5	3,600	45,900	20
MW-3	05/25/2010 ¹	490.38	30.17	460.21	-	-	-	-	-	-	-	-	-	-
MW-3	05/27/2010	490.38	30.98	459.40	610	-	2,100	2	<0.5	<0.5	0.9	-	-	-
MW-3	09/13/2010	490.38	36.77	453.61	<50	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-3	12/20/2010	490.38	32.41	457.97	-	97	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-3	03/07/2011	490.38	28.06	462.32	-	<50	<50	<0.5	<0.5	<0.5	<0.5	4,300	70,400	53
MW-4	05/25/2010 ¹	492.27	32.21	460.06	-	-	-	-	-	-	-	-	-	-
MW-4	05/27/2010	492.27	32.26	460.01	230	-	1,800	1	<0.5	<0.5	0.7	-	-	-
MW-4	09/13/2010	492.27	38.14	454.13	<50	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET
LIVERMORE, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS			PRIMARY VOCS				GENERAL CHEMISTRY		
					TPH-DRO	TPH-DRO w/Si Gel	TPH-GRO	B	T	E	X	Nitrate Nitrogen	Sulfate	Ferrous Iron
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-4	12/20/2010	492.27	33.80	458.47	-	180	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-4	03/07/2011	492.27	29.42	462.85	-	<50	<50	<0.5	<0.5	<0.5	<0.5	7,900	72,300	15
MW-5	05/25/2010 ¹	491.99	31.39	460.60	-	-	-	-	-	-	-	-	-	-
MW-5	05/27/2010	491.99	31.42	460.57	120	-	420	2	<0.5	<0.5	1	-	-	-
MW-5	09/13/2010	491.99	37.25	454.74	700	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-5	12/20/2010	491.99	33.01	458.98	-	74	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-5	03/07/2011	491.99	28.60	463.39	-	93	<50	<0.5	<0.5	<0.5	<0.5	7,900	70,100	23
MW-6	05/25/2010 ¹	491.52	31.63	459.89	-	-	-	-	-	-	-	-	-	-
MW-6	05/27/2010	491.52	31.79	459.73	1,000	-	3,700	4	<0.5	<0.5	1	-	-	-
MW-6	09/13/2010	491.52	37.64	453.88	68	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-6	12/20/2010	491.52	33.32	458.20	-	140	<50	<0.5	<0.5	<0.5	<0.5	-	-	-
MW-6	03/07/2011	491.52	28.96	462.56	-	63	<50	<0.5	<0.5	<0.5	<0.5	360	55,400	33
MW-7	05/25/2010 ¹	492.29	28.69	463.60	-	-	-	-	-	-	-	-	-	-
MW-7	05/27/2010	492.29	28.61	463.68	2,800	-	14,000	1,800	35	320	660	-	-	-
MW-7	09/13/2010	492.29	31.75	460.54	40,000	-	16,000	1,700	33	460	600	-	-	-
MW-7	12/20/2010	492.29	27.96	464.33	-	6,200	15,000	2,800	59	450	530	-	-	-
MW-7	03/07/2011	492.29	24.98	467.31	-	55,000	16,000	1,500	50	470	2,100	<250	2,600	2,800

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET
LIVERMORE, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS			PRIMARY VOCS				GENERAL CHEMISTRY			
					TPH-DRO	TPH-DRO w/Si Gel	TPH-GRO	B	T	E	X	Nitrate Nitrogen	Sulfate	Ferrous Iron	
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-8	05/25/2010 ¹	490.89	30.62	460.27	-	-	-	-	-	-	-	-	-	-	-
MW-8	05/27/2010	490.89	30.78	460.11	750	-	3,100	36	3	<0.5	2	-	-	-	-
MW-8	09/13/2010	490.89	36.55	454.34	590	-	3,400	5	2	<0.5	1	-	-	-	-
MW-8	12/20/2010	490.89	31.60	459.29	-	750	4,000	0.8	0.7	19	3	-	-	-	-
MW-8	03/07/2011	490.89	28.20	462.69	-	1,300	2,800	0.9	0.7	12	2	<250	7,000	820	
MW-9	05/25/2010 ¹	491.64	29.23	462.41	-	-	-	-	-	-	-	-	-	-	-
MW-9	05/27/2010	491.64	28.96	462.68	<50	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-
MW-9	09/13/2010	491.64	31.85	459.79	30,000	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-
MW-9	12/20/2010	491.64	28.95	462.69	-	56	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-
MW-9	03/07/2011	491.64	25.67	465.97	-	<50	<50	<0.5	<0.5	<0.5	<0.5	<250	172,000	48	
QA	05/27/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-
QA	09/13/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-
QA	12/20/2010	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-
QA	03/07/2011	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-	-	-	-

Abbreviations and Notes:

TOC = Top of Casing
 DTW = Depth to Water
 GWE = Groundwater elevation

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER TEXACO SERVICE STATION 30-7233
2259 FIRST STREET
LIVERMORE, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS			PRIMARY VOCS				GENERAL CHEMISTRY		
					TPH-DRO	TPH-DRO w/Si Gel	TPH-GRO	B	T	E	X	Nitrate Nitrogen	Sulfate	Ferrous Iron
Units		ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

(ft-amsl) = Feet Above Mean sea level

ft = Feet

µg/L = Micrograms per Liter

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

VOCS = Volatile Organic Compounds

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

* TOC elevations were surveyed on April 19, 2010 by Morrow Surveying. Vertical datum is NAVD 88 from GPS observations

1 Well development performed.

ATTACHMENT A

MONITORING DATA PACKAGE



GETTLER-RYAN Inc.



TRANSMITTAL

March 15, 2011
G-R #385876

TO: Mr. David Grunat
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

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

RE: **Former Chevron Service Station
#307233
2259 First Street
Livermore, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package First Quarter Event of March 7, 2011

COMMENTS:

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

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

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

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #307233
 Site Address: 2259 First Street
 City: Livermore, CA

Job #: 385876
 Event Date: 3-7-11
 Sampler: Joe + Haig

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-1	O.K	O.K	O.K	O.K	O.K	O.K	O.K	N	N	12" EMCO / 2	NO
MW-2	↓	↓	↓	↓	↓	↓	↓	↓	↓	12" EMCO / 2	↓
MW-3	↓	↓	↓	↓	↓	↓	↓	↓	↓	6" Morrison / 2	↓
MW-4	↓	↓	↓	↓	↓	↓	↓	↓	↓	6" Morrison / 2	↓
MW-5	↓	↓	↓	↓	↓	↓	↓	↓	↓	12" EMCO / 2	↓
MW-6	↓	↓	↓	↓	↓	↓	↓	↓	↓	6" Morrison / 2	↓
MW-7	↓	↓	↓	↓	↓	↓	↓	↓	↓	6" Morrison / 2	↓
MW-8	↓	↓	↓	↓	↓	↓	↓	↓	↓	12" EMCO / 2	↓
MW-9	↓	↓	↓	↓	↓	↓	↓	↓	↓	6" Morrison / 2	↓

Comments _____

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hills, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Joe & Haig

Well ID: MW-1 Date Monitored: 3-7-11
 Well Diameter: 2 in.
 Total Depth: 58.80 ft.
 Depth to Water: 27.86 ft. Check if water column is less than 0.50 ft.
30.94 x VF 0.17 = 5.26 x3 case volume = Estimated Purge Volume: 16 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.04

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

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

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

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

Start Time (purge): 0900 Weather Conditions: cloudy
 Sample Time/Date: 0930 13-7-11 Water Color: clear Odor: Y10
 Approx. Flow Rate: 1.5 gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 28.74

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - μS)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>0906</u>	<u>5</u>	<u>7.26</u>	<u>855</u>	<u>18.4</u>	<u>PRE: 1.7</u>	<u>PRE: 171</u>
<u>0910</u>	<u>11</u>	<u>7.30</u>	<u>862</u>	<u>18.8</u>		
<u>0914</u>	<u>16</u>	<u>7.28</u>	<u>867</u>	<u>18.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>6</u> x vovial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2</u> x vovial	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>NITRATE/SULFATE EPA 300.0)</u>
	<u>1</u> x 250ml ambers	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>FERROUS IRON (SM20 3500 Fe B)</u>

COMMENTS: _____

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



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Joe & Haig

Well ID: MW-2 Date Monitored: 3-7-11
 Well Diameter: 2 in.
 Total Depth: 58.62 ft.
 Depth to Water: 28.26 ft. Check if water column is less than 0.50 ft.
30.36 xVF 0.17 = 5.16 x3 case volume = Estimated Purge Volume: 15.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.33

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

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

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

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

Start Time (purge): 0700 Weather Conditions: cloudy
 Sample Time/Date: 0745 3-7-11 Water Color: clear Odor: Y 10
 Approx. Flow Rate: 0.5-1.5 gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 29.89

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>0716</u>	<u>5</u>	<u>7.43</u>	<u>1091</u>	<u>18.2</u>	<u>PRE: 1.8</u>	<u>PRE: 122</u>
<u>0720</u>	<u>10</u>	<u>7.37</u>	<u>1066</u>	<u>18.5</u>		
<u>0730</u>	<u>15.5</u>	<u>7.32</u>	<u>1073</u>	<u>17.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)
	2 x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE EPA 300.0)
	1 x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Joe & Haig

Well ID: MW-3 Date Monitored: 3-7-11
 Well Diameter: 2 in.
 Total Depth: 59.35 ft.
 Depth to Water: 28.06 ft. Check if water column is less than 0.50 ft.
31.29 xVF 0.17 = 5.32 x3 case volume = Estimated Purge Volume: 16 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.31

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

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

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

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

Start Time (purge): 1014 Weather Conditions: cloudy
 Sample Time/Date: 1035 3-7-11 Water Color: clear Odor: YIP
 Approx. Flow Rate: 1-1.5 gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 28.78

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1018</u>	<u>5</u>	<u>7.11</u>	<u>916</u>	<u>17.8</u>	<u>PRE: 2.0</u>	<u>PRE: 17</u>
<u>1021</u>	<u>10</u>	<u>7.18</u>	<u>894</u>	<u>18.2</u>		
<u>1025</u>	<u>16</u>	<u>7.24</u>	<u>890</u>	<u>18.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2</u> x vov vial	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>NITRATE/SULFATE EPA 300.0)</u>
	<u>1</u> x 250ml ambers	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>FERROUS IRON (SM20 3500 Fe B)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Joe & Haig

Well ID: MW-4 Date Monitored: _____
 Well Diameter: 2 in.
 Total Depth: 58.90 ft.
 Depth to Water: 29.42 ft. Check if water column is less than 0.50 ft.
29.48 xVF 0.17 = 5.01 x3 case volume = Estimated Purge Volume: 15 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.31

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

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

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

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

Start Time (purge): 1046 Weather Conditions: cloudy
 Sample Time/Date: 1105 13-7-11 Water Color: clear Odor: YIP
 Approx. Flow Rate: 1-1.5 gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 30% 3

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1050</u>	<u>5</u>	<u>7.56</u>	<u>1019</u>	<u>18.1</u>	<u>PRE: 1.9</u>	<u>PRE: 76</u>
<u>1053</u>	<u>10</u>	<u>7.35</u>	<u>1015</u>	<u>18.6</u>		
<u>1057</u>	<u>15</u>	<u>7.42</u>	<u>1011</u>	<u>18.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)
	<u>2</u> x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE EPA 300.0)
	<u>1</u> x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Joe & Haig

Well ID: MW-5 Date Monitored: 3-7-11
 Well Diameter: 2 in.
 Total Depth: 58.85 ft.
 Depth to Water: 28.60 ft. Check if water column is less than 0.50 ft.
30.25 x VF 0.17 = 5.14 x3 case volume = Estimated Purge Volume: 15.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.65

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

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

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

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

Start Time (purge): 1112 Weather Conditions: cloudy
 Sample Time/Date: 1135 13-7-11 Water Color: clear Odor: Y1(N)
 Approx. Flow Rate: 1-1.5 gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 30.04

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1115</u>	<u>5</u>	<u>7.31</u>	<u>1056</u>	<u>18.7</u>	<u>PRE: 1.6</u>	<u>PRE: 24</u>
<u>1118</u>	<u>10</u>	<u>7.18</u>	<u>1067</u>	<u>18.5</u>		
<u>1123</u>	<u>15.5</u>	<u>7.20</u>	<u>1077</u>	<u>18.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2</u> x voa vial	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>NITRATE/SULFATE EPA 300.0)</u>
	<u>1</u> x 250ml ambers	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>FERROUS IRON (SM20 3500 Fe B)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Joe + Haig

Well ID: MW-6 Date Monitored: 3-7-11
 Well Diameter: 2 in.
 Total Depth: 58.97 ft.
 Depth to Water: 28.96 ft. Check if water column is less than 0.50 ft.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.96
 Volume Factor (VF) table:

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 0.17 = 5.10 x3 case volume = Estimated Purge Volume: 15.5 gal.

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

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

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

Start Time (purge): 1145 Weather Conditions: cloudy
 Sample Time/Date: 1208 1 3-7-11 Water Color: clear Odor: √ 1 (N)
 Approx. Flow Rate: 1-1.5 gpm. Sediment Description: None
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 31.12

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1150</u>	<u>5</u>	<u>7.44</u>	<u>781</u>	<u>17.9</u>	<u>PRE: 1.7</u>	<u>PRE: 55</u>
<u>1154</u>	<u>10</u>	<u>7.40</u>	<u>796</u>	<u>18.3</u>		
<u>1157</u>	<u>15.2</u>	<u>7.42</u>	<u>809</u>	<u>18.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2</u> x vov vial	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>NITRATE/SULFATE EPA 300.0)</u>
	<u>1</u> x 250ml ambers	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>FERROUS IRON (SM20 3500 Fe B)</u>

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Jae & Haig

Well ID: MW-7 Date Monitored: 3-7-11
 Well Diameter: 2 in.
 Total Depth: 32.83 ft.
 Depth to Water: 24.98 ft. Check if water column is less than 0.50 ft.
7.85 x VF 0.17 = 1.33 x3 case volume = Estimated Purge Volume: 4 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.55

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

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

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

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

Start Time (purge): 1220 Weather Conditions: cloudy
 Sample Time/Date: 1232 13-7-11 Water Color: clear Odor: DN Strong
 Approx. Flow Rate: 1 gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 25.56

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C) / (F)	D.O. (mg/L)	ORP (mV)
<u>1223</u>	<u>1.5</u>	<u>6.48</u>	<u>490</u>	<u>18.7</u>	<u>PRE: 0.3</u>	<u>PRE: -37</u>
<u>1225</u>	<u>3</u>	<u>6.57</u>	<u>481</u>	<u>18.1</u>		
<u>1227</u>	<u>4</u>	<u>6.54</u>	<u>476</u>	<u>18.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)
	<u>2</u> x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE EPA 300.0)
	<u>1</u> x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)

COMMENTS: sheen in sampled water

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



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Joe

Well ID: MW-8 Date Monitored: 3-7-11
 Well Diameter: 2 in.
 Total Depth: 39.40 ft.
 Depth to Water: 28.20 ft. Check if water column is less than 0.50 ft.
11.20 x VF 0.17 = 1.90 x3 case volume = Estimated Purge Volume: 6 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.44

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

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

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

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

Start Time (purge): 1942 Weather Conditions: Cloudy
 Sample Time/Date: 1005 13-7-11 Water Color: clear Odor: 1 N moderate
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 29.06

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0948</u>	<u>2</u>	<u>6.82</u>	<u>634</u>	<u>18.8</u>	<u>PRE: 0.7</u>	<u>PRE: -67</u>
<u>0953</u>	<u>4</u>	<u>6.86</u>	<u>637</u>	<u>18.7</u>		
<u>0957</u>	<u>6</u>	<u>6.81</u>	<u>628</u>	<u>18.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2 x voa vial</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>NITRATE/SULFATE EPA 300.0)</u>
	<u>1 x 250ml ambers</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>FERROUS IRON (SM20 3500 Fe B)</u>

COMMENTS: _____

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



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
 Site Address: 2259 First Street Event Date: 3-7-11 (inclusive)
 City: Livermore, CA Sampler: Jec

Well ID: MW-9
 Well Diameter: 2 in.
 Total Depth: 39.65 ft.
 Depth to Water: 25.67 ft.
13.98 xVF = 0.17 = 2.38

Date Monitored: 3-7-11

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 than 0.50 ft.

x3 case volume = Estimated Purge Volume: 7.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.46

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1240 Weather Conditions: cloudy
 Sample Time/Date: 1310 13-7-11 Water Color: clear Odor: YIP
 Approx. Flow Rate: None gpm. Sediment Description: None
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 27.17

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (4S))	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>1245</u>	<u>2.5</u>	<u>7.27</u>	<u>751</u>	<u>18.0</u>	<u>PRE: 1.5</u>	<u>PRE: 59</u>
<u>1250</u>	<u>5</u>	<u>7.33</u>	<u>742</u>	<u>17.8</u>		
<u>1257</u>	<u>7.5</u>	<u>7.36</u>	<u>748</u>	<u>18.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)
	<u>10</u> x voa vial	YES	NP	LANCASTER	NITRATE/SULFATE EPA 300.0)
	<u>1</u> x 250ml ambers	YES	HCL	LANCASTER	FERROUS IRON (SM20 3500 Fe B)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Acct. #: _____ Sample # _____ Group #: **005891**

Facility #: <u>SS#307233-OMI G-R#385876 Global ID#T0600196622</u>			Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air			Analyses Requested <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Preservation Codes</th> <th colspan="2">Preservative Codes</th> </tr> <tr> <td>#</td> <td>#</td> <td>H = HCl</td> <td>T = Thiosulfate</td> </tr> <tr> <td></td> <td></td> <td>N = HNO₃</td> <td>B = NaOH</td> </tr> <tr> <td></td> <td></td> <td>S = H₂SO₄</td> <td>O = Other</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits </td> </tr> </table>										Preservation Codes		Preservative Codes		#	#	H = HCl	T = Thiosulfate			N = HNO ₃	B = NaOH			S = H ₂ SO ₄	O = Other	<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits			
Preservation Codes		Preservative Codes																																	
#	#	H = HCl	T = Thiosulfate																																
		N = HNO ₃	B = NaOH																																
		S = H ₂ SO ₄	O = Other																																
<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits																																			
Site Address: <u>2259 FIRST STREET, LIVERMORE, CA</u>			Total Number of Containers: _____			BTEX 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method _____ Dissolved Lead Method _____ Nitrate / Sulfate (EPA 300.0) Ferrous Iron (SM20.350 FeB)																													
Chevron PM: <u>TB</u> Lead Consultant: <u>CRADG Grun</u>			Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u>			Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u>																													
Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u>			Sampler: <u>JOE AJEMIAN/HK</u>			Comments / Remarks Please forward the lab results directly to the Lead Consultant and cc: G-R.																													
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total	BTEX	TPH	TPH	8260	Oxygenates	Total Lead	Dissolved Lead	Nitrate / Sulfate	Ferrous Iron																	
QA			✓			✓			2	✓	✓																								
MW-1	3-7-11	0930							11	✓	✓	✓																							
MW-2		0745							11	✓	✓	✓																							
MW-3		1035							11	✓	✓	✓																							
MW-4		1105							11	✓	✓	✓																							
MW-5		1135							11	✓	✓	✓																							
MW-6		1208							11	✓	✓	✓																							
MW-7		1232							11	✓	✓	✓																							
MW-8		1005							11	✓	✓	✓																							
MW-9		1310	✓			✓			11	✓	✓	✓																							

Turnaround Time Requested (TAT) (please circle)

STD-TAT 24 hour
 72 hour
 48 hour
 4 day
 5 day

Data Package Options (please circle if required)

QC Summary
 Type VI (Raw Data)
 WIP (RWQCB)
 Disk

Type I - Full
 Coelt Deliverable not needed

EDF/EDD

Relinquished by: _____	Date: <u>3-7-11</u>	Time: <u>1430</u>	Received by: _____	Date: <u>3/7/11</u>	Time: <u>1430</u>
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: _____			Received by: _____		
UPS	FedEx	Other: _____			
Temperature Upon Receipt: _____ C°			Custody Seals Intact? Yes No		

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

March 18, 2011

Project: 307233

Submittal Date: 03/08/2011
Group Number: 1236180
PO Number: 0015075227
Release Number: FROHNAPPLE
State of Sample Origin: CA

<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
QA-T-110307 NA Water	6224262
MW-1-W-110307 Grab Water	6224263
MW-2-W-110307 Grab Water	6224264
MW-3-W-110307 Grab Water	6224265
MW-4-W-110307 Grab Water	6224266
MW-5-W-110307 Grab Water	6224267
MW-6-W-110307 Grab Water	6224268
MW-7-W-110307 Grab Water	6224269
MW-8-W-110307 Grab Water	6224270
MW-9-W-110307 Grab Water	6224271

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

ELECTRONIC COPY TO	CRA c/o Gettler-Ryan	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina
ELECTRONIC COPY TO	Conestoga-Rovers & Associates	Attn: David Grunat

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

Respectfully Submitted,



Marla S. Lord
Senior Specialist



Analysis Report

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

Sample Description: QA-T-110307 NA Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 QA

LLI Sample # WW 6224262
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011

Chevron

Submitted: 03/08/2011 09:20

6001 Bollinger Canyon Rd L4310

Reported: 03/18/2011 14:40

San Ramon CA 94583

7233Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 15:20	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 15:20	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11069D20A	03/11/2011 17:11	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11069D20A	03/11/2011 17:11	Marie D John	1



Analysis Report

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

Sample Description: MW-1-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-1

LLI Sample # WW 6224263
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 09:30 by JA

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72331

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B ug/l ug/l					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
Wet Chemistry EPA 300.0 ug/l ug/l					
00368	Nitrate Nitrogen	14797-55-8	6,900	250	5
00228	Sulfate	14808-79-8	73,600	1,500	5
SM20 3500 Fe B modified ug/l ug/l					
08344	Ferrous Iron	n.a.	N.D.	10	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 17:10	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 17:10	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11069D20A	03/11/2011 20:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11069D20A	03/11/2011 20:50	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/11/2011 23:53	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 04:51	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 04:51	Ashley M Adams	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	1



Analysis Report

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

Sample Description: MW-2-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-2

LLI Sample # WW 6224264
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 07:45 by JA

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72332

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B ug/l ug/l					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
Wet Chemistry EPA 300.0 ug/l ug/l					
00368	Nitrate Nitrogen	14797-55-8	3,600	250	5
00228	Sulfate	14808-79-8	45,900	1,500	5
SM20 3500 Fe B modified ug/l ug/l					
08344	Ferrous Iron	n.a.	20	10	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 17:38	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 17:38	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11069D20A	03/11/2011 21:12	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11069D20A	03/11/2011 21:12	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/12/2011 00:11	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 05:36	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 05:36	Ashley M Adams	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	1



Analysis Report

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

Sample Description: MW-3-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-3

LLI Sample # WW 6224265
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 10:35 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72333

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B ug/l ug/l					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
Wet Chemistry EPA 300.0 ug/l ug/l					
00368	Nitrate Nitrogen	14797-55-8	4,300	250	5
00228	Sulfate	14808-79-8	70,400	1,500	5
SM20 3500 Fe B modified ug/l ug/l					
08344	Ferrous Iron	n.a.	53	10	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 18:06	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 18:06	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11072A20A	03/13/2011 20:13	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	11072A20A	03/13/2011 20:13	Katrina T Longenecker	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/12/2011 00:29	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 06:35	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 06:35	Ashley M Adams	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	1



Analysis Report

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

Sample Description: MW-4-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-4

LLI Sample # WW 6224266
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 11:05 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72334

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B ug/l ug/l					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
Wet Chemistry EPA 300.0 ug/l ug/l					
00368	Nitrate Nitrogen	14797-55-8	7,900	250	5
00228	Sulfate	14808-79-8	72,300	1,500	5
SM20 3500 Fe B modified ug/l ug/l					
08344	Ferrous Iron	n.a.	15	10	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 18:33	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 18:33	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11072A20A	03/13/2011 20:35	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	11072A20A	03/13/2011 20:35	Katrina T Longenecker	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/12/2011 00:46	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 06:50	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 06:50	Ashley M Adams	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	1



Analysis Report

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

Sample Description: MW-5-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-5

LLI Sample # WW 6224267
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 11:35 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72335

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B ug/l					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	93	50	1
Wet Chemistry EPA 300.0 ug/l					
00368	Nitrate Nitrogen	14797-55-8	7,900	250	5
00228	Sulfate	14808-79-8	70,100	1,500	5
SM20 3500 Fe B modified ug/l					
08344	Ferrous Iron	n.a.	23	10	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 19:01	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 19:01	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11072A20A	03/13/2011 20:56	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	11072A20A	03/13/2011 20:56	Katrina T Longenecker	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/12/2011 01:04	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 07:05	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 07:05	Ashley M Adams	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	1



Analysis Report

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

Sample Description: MW-6-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-6

LLI Sample # WW 6224268
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 12:08 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72336

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B ug/l ug/l					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	63	50	1
Wet Chemistry EPA 300.0 ug/l ug/l					
00368	Nitrate Nitrogen	14797-55-8	360	250	5
00228	Sulfate	14808-79-8	55,400	1,500	5
SM20 3500 Fe B modified ug/l ug/l					
08344	Ferrous Iron	n.a.	33	10	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 19:57	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 19:57	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11072A20A	03/13/2011 21:18	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	11072A20A	03/13/2011 21:18	Katrina T Longenecker	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/12/2011 01:22	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 07:20	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 07:20	Ashley M Adams	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	1



Analysis Report

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

Sample Description: MW-7-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-7

LLI Sample # WW 6224269
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 12:32 by JA

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72337

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10943	Benzene	71-43-2	1,500	25	50
10943	Ethylbenzene	100-41-4	470	3	5
10943	Toluene	108-88-3	50	3	5
10943	Xylene (Total)	1330-20-7	2,100	3	5
GC Volatiles SW-846 8015B					
01728	TPH-GRO N. CA water C6-C12	n.a.	16,000	500	10
GC Extractable TPH SW-846 8015B					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	55,000	330	10
Wet Chemistry EPA 300.0					
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	2,600	1,500	5
SM20 3500 Fe B modified					
08344	Ferrous Iron	n.a.	2,800	100	10

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 20:24	Nicholas R Rossi	5
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 20:52	Nicholas R Rossi	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 20:24	Nicholas R Rossi	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P110691AA	03/10/2011 20:52	Nicholas R Rossi	50
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11072A20A	03/14/2011 02:02	Katrina T Longenecker	10
01146	GC VOA Water Prep	SW-846 5030B	1	11072A20A	03/14/2011 02:02	Katrina T Longenecker	10
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/14/2011 14:04	Melissa McDermott	10
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 07:35	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 07:35	Ashley M Adams	5



Analysis Report

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

Sample Description: MW-7-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-7

LLI Sample # WW 6224269
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 12:32 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72337

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	10



Analysis Report

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

Sample Description: MW-8-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-8

LLI Sample # WW 6224270
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 10:05 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72338

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/1					
10943	Benzene	71-43-2	0.9	0.5	1
10943	Ethylbenzene	100-41-4	12	0.5	1
10943	Toluene	108-88-3	0.7	0.5	1
10943	Xylene (Total)	1330-20-7	2	0.5	1
GC Volatiles SW-846 8015B ug/1					
01728	TPH-GRO N. CA water C6-C12	n.a.	2,800	250	5
GC Extractable TPH SW-846 8015B ug/1					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	1,300	50	1
Wet Chemistry EPA 300.0 ug/1					
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	7,000	1,500	5
SM20 3500 Fe B modified ug/1					
08344	Ferrous Iron	n.a.	820	40	4

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 21:20	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 21:20	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11072A20A	03/14/2011 02:45	Katrina T Longenecker	5
01146	GC VOA Water Prep	SW-846 5030B	1	11072A20A	03/14/2011 02:45	Katrina T Longenecker	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/12/2011 01:41	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 07:50	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/09/2011 07:50	Ashley M Adams	5
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	4



Analysis Report

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

Sample Description: MW-9-W-110307 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-9

LLI Sample # WW 6224271
LLI Group # 1236180
Account # 10904

Project Name: 307233

Collected: 03/07/2011 13:10 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 03/08/2011 09:20

Reported: 03/18/2011 14:40

72339

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B ug/l ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B ug/l ug/l					
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
Wet Chemistry EPA 300.0 ug/l ug/l					
00368	Nitrate Nitrogen	14797-55-8	N.D.	250	5
00228	Sulfate	14808-79-8	172,000	6,000	20
SM20 3500 Fe B modified ug/l ug/l					
08344	Ferrous Iron	n.a.	48	10	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	P110691AA	03/10/2011 21:58	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110691AA	03/10/2011 21:58	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11072A20A	03/13/2011 22:02	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	11072A20A	03/13/2011 22:02	Katrina T Longenecker	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	110690012A	03/12/2011 01:59	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	110690012A	03/10/2011 22:15	Elaine F Stoltzfus	1
00368	Nitrate Nitrogen	EPA 300.0	1	11067196602B	03/09/2011 08:05	Ashley M Adams	5
00228	Sulfate	EPA 300.0	1	11067196602B	03/10/2011 03:40	Ashley M Adams	20
08344	Ferrous Iron	SM20 3500 Fe B modified	1	11067834401A	03/08/2011 19:40	Daniel S Smith	1

Quality Control Summary

Client Name: Chevron

Group Number: 1236180

Reported: 03/18/11 at 02:40 PM

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: P110691AA	Sample number(s): 6224262-6224271							
Benzene	N.D.	0.5	ug/l	96	96	79-120	1	30
Ethylbenzene	N.D.	0.5	ug/l	95	96	79-120	1	30
Toluene	N.D.	0.5	ug/l	96	97	79-120	1	30
Xylene (Total)	N.D.	0.5	ug/l	95	96	80-120	1	30
Batch number: 11069D20A	Sample number(s): 6224262-6224264							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	127	118	75-135	7	30
Batch number: 11072A20A	Sample number(s): 6224265-6224271							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	118	127	75-135	7	30
Batch number: 110690012A	Sample number(s): 6224263-6224271							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	103	105	52-126	2	20
Batch number: 11067196602B	Sample number(s): 6224263-6224271							
Nitrate Nitrogen	N.D.	50.	ug/l	104		90-110		
Sulfate	N.D.	300.	ug/l	107		89-110		
Batch number: 11067834401A	Sample number(s): 6224263-6224271							
Ferrous Iron	N.D.	10.	ug/l	99		92-105		

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 11067196602B	Sample number(s): 6224263-6224271 UNSPK: 6224263 BKG: 6224263								
Nitrate Nitrogen	143*		90-110			6,900	6,900	1	20
Sulfate	147*		90-110			73,600	73,300	0	20
Batch number: 11067834401A	Sample number(s): 6224263-6224271 UNSPK: 6224269 BKG: 6224269								
Ferrous Iron	98	100	73-120	1	6	2,800	2,800	0 (1)	5

Surrogate Quality Control

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

*- 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: 03/18/11 at 02:40 PM

Group Number: 1236180

Surrogate Quality Control

Analysis Name: UST VOCs by 8260B - Water
Batch number: P110691AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6224262	100	100	99	92
6224263	99	100	101	94
6224264	99	100	101	93
6224265	99	99	102	93
6224266	100	100	102	92
6224267	99	100	102	93
6224268	100	102	102	93
6224269	98	98	102	98
6224270	98	99	100	96
6224271	100	100	101	93
Blank	99	98	102	93
LCS	99	101	99	95
LCSD	99	101	101	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11069D20A

	Trifluorotoluene-F
6224262	67
6224263	81
6224264	71
Blank	80
LCS	109
LCSD	104
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11072A20A

	Trifluorotoluene-F
6224265	79
6224266	76
6224267	77
6224268	78
6224269	99
6224270	89
6224271	79
Blank	78
LCS	126
LCSD	125
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 110690012A

	Orthoterphenyl
6224263	104
6224264	100
6224265	96

*- 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: 03/18/11 at 02:40 PM

Group Number: 1236180

Surrogate Quality Control

6224266	99
6224267	100
6224268	102
6224269	21*
6224270	110
6224271	95
Blank	89
LCS	100
LCSD	101

Limits: 59-131

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



030711-03

For Lancaster Laboratories use only

Acct. #: 10904 Sample # 6224262-71 Group #: 005891

1236180

Facility #: <u>SS#307233-OML G-R#385876 Global ID#T0600196622</u> Site Address: <u>2259 FIRST STREET, LIVERMORE, CA</u> Chevron PM: <u>TB</u> Lead Consultant: <u>CRADG Gruna</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>JOE AJEMIAN/HK</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		Analyses Requested <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Preservation Codes</th> <th colspan="2">Total Number of Containers</th> <th colspan="2">Oxygenates</th> <th colspan="2">Total Lead</th> <th colspan="2">Dissolved Lead</th> <th colspan="2">Method</th> </tr> <tr> <td>#</td> <td>#</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BTEX 8260 8021</td> <td>8021</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TPH 8015 MOD GRO</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TPH 8015 MOD DRO</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8260 full scan</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Silica Gel Cleanup</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Nitrate/sulfate (EPA 300.9)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Ferrous Iron (Sm203502B)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										Preservation Codes		Total Number of Containers		Oxygenates		Total Lead		Dissolved Lead		Method		#	#											BTEX 8260 8021	8021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									TPH 8015 MOD GRO		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									TPH 8015 MOD DRO		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									8260 full scan												Silica Gel Cleanup												Nitrate/sulfate (EPA 300.9)												Ferrous Iron (Sm203502B)												Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits	
Preservation Codes		Total Number of Containers		Oxygenates		Total Lead		Dissolved Lead		Method																																																																																																																			
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QA					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																															
MW-1			3-7-11	0930							11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																															
MW-2				0745							11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																															
MW-3				1035							11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																															
MW-4				1105							11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																															
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Comments / Remarks Please forward the lab results directly to the Lead Consultant and cc: G-R.																																																																																																																													
Turnaround Time Requested (TAT) (please circle) STD. TAT 72 hour 48 hour 24 hour 4 day 5 day						Relinquished by: <u>[Signature]</u> Date: <u>3-7-11</u> Time: <u>1420</u>						Received by: <u>[Signature]</u> Date: <u>3/7/11</u> Time: <u>1420</u>																																																																																																																	
Data Package Options (please circle if required) QC Summary Type I - Full EDF/EDD Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk						Relinquished by: <u>[Signature]</u> Date: <u>3/7/11</u> Time: <u>1630</u>						Received by: <u>FEDEX</u> Date: Time:																																																																																																																	
Relinquished by Commercial Carrier: UPS <u>FEDEX</u> Other:						Received by: <u>[Signature]</u> Date: <u>3/7/11</u> Time: <u>0920</u>						Temperature Upon Receipt: <u>10.22</u> °C Custody Seals Intact? <input checked="" type="checkbox"/> Yes No																																																																																																																	

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

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

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

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

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

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