GETTLER-RYAN INC.

TRANSMITTAL

June 30, 2010
G-R #385876

TO: Ms. Kiersten Hoey
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

CC: Mr. Ian Robb
Chevron Environmental
Management Company
6111 Bollinger Canyon Road,
Room 3612
San Ramon, CA 94583
(NO COPY)

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	DATED	DESCRIPTION
1	June 25, 2010	Groundwater Monitoring and Sampling Report **Well Development Event of May 25, 2010** **Second Quarterly Event of May 27, 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 (including PDF submittal of the entire report to GeoTracker):**

Mr. Jerry Wickham; Alameda County Environmental Health; 1131 Harbor Bay Parkway, Suite 250, Alameda; CA 94502-6577

Enclosures

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

Ian Robb
Project Manager
Marketing Business Unit

Chevron Environmental
Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9496
Fax (925) 842-8370
ianrobb@chevron.com

JUNE 30, 2010

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

RE: Chevron Service Station # 307233

Address 2259 FIRST STREET, LIVERMORE, CALIFORNIA

I have reviewed the attached routine groundwater monitoring report dated JUNE 30, 2010.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan Inc., 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.

Sincerely,

Ian Robb

Attachment: Report

WELL CONDITION STATUS SHEET

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

Job #: 385876
Event Date: 5/25/10
Sampler: JH AW

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-2	OK							Y	N	EMCO / 12" / 2	
MW-3	OK									Morrison / 6" / 2	
MW-4	OK										
MW-6	OK										
MW-1	O/C									12" emco 2	
MW-5	O/C									12" emco 2	
MW-7	O/C									6" Morrison 2	
MW-8	O/C		2x5/8 M/R	O/C						12" emco 2	
MW-9	O/C								N	6" Morrison 2	

Comments

WELL CONDITION STATUS SHEET

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

Job #: 385876
Event Date: 5/27/10
Sampler: JH

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	OK							N	N	12" emco 2	N
MW-2	OK										
MW-5	OK										
MW-8	OK										
MW-3	OK									6" Morrison 2	
MW-4	OK										
MW-6	OK										
MW-7	OK										
MW-9	OK										

Comments

GETTLER-RYAN INC.

June 25, 2010
G-R Job #385876

Mr. Ian Robb
Chevron Environmental Management Company
6111 Bollinger Canyon Road, 3612
San Ramon, CA 94583

RE: Well Development Event of May 25, 2010
Second Quarter Event of May 27, 2010
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #307233
2259 First Street
Livermore, CA

Dear Mr. Robb:

This report documents the well development and 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. All groundwater and decontamination water generated during sampling activities was removed from the site, per the attached Standard Operating Procedure. 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. The chain of custody document and laboratory analytical report are also attached. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

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

Sincerely,

Deanna L. Harding
Project Coordinator

PROFESSIONAL GEOLOGIST
DOUGLAS J. LEE
No. 6882
STATE OF CALIFORNIA

Douglas J. Lee
Senior Geologist, P.G. No. 6882

Figure 1: Potentiometric Map – Deep Zone
Figure 2: Potentiometric Map – Shallow Zone
Table 1: Groundwater Monitoring Data and Analytical Results
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) 551-7686
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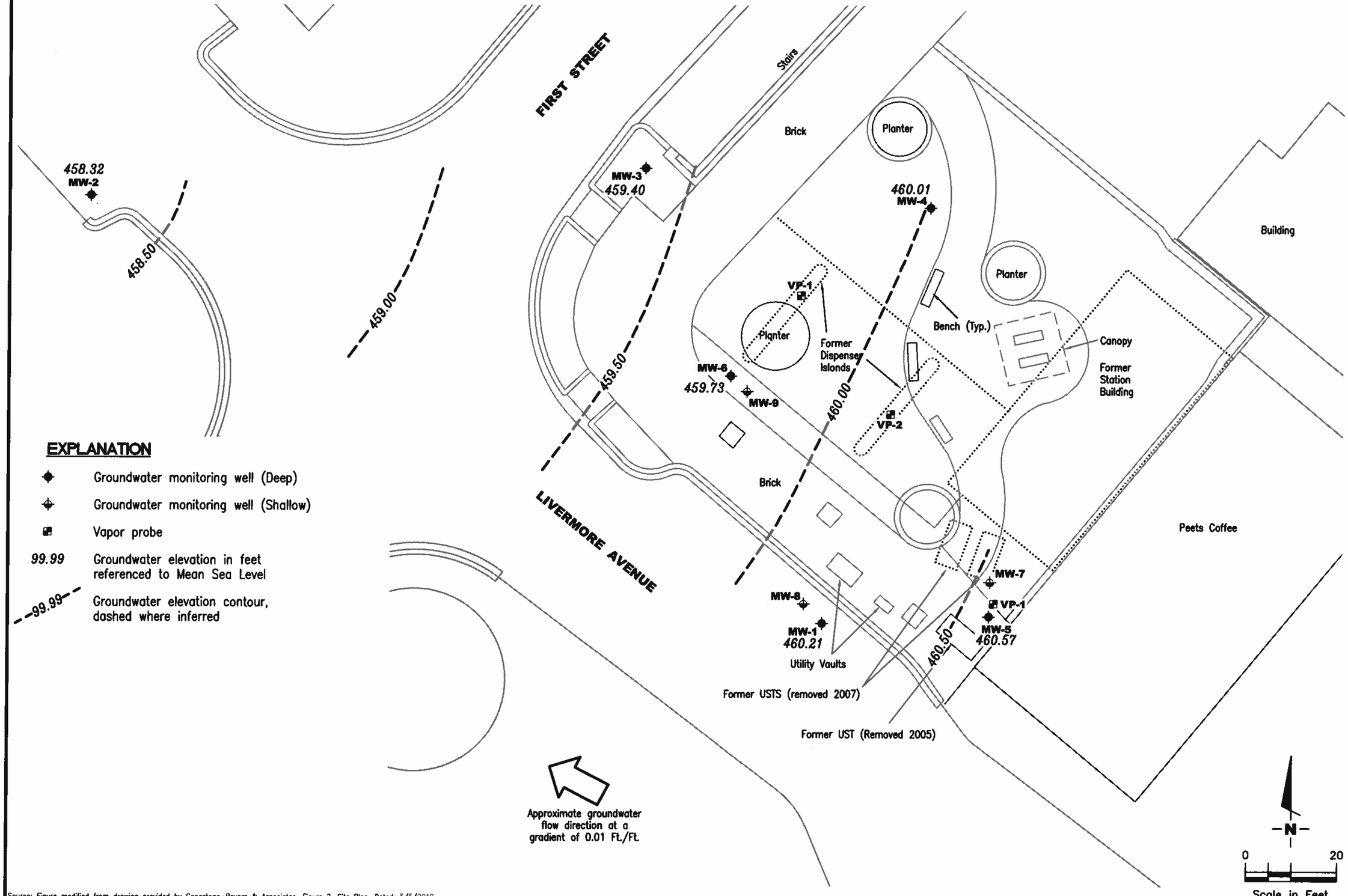
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



Source: Figure modified from drawing provided by Conestoga-Rovers & Associates, Figure 2, Site Plan, Dated: 5/5/2010.

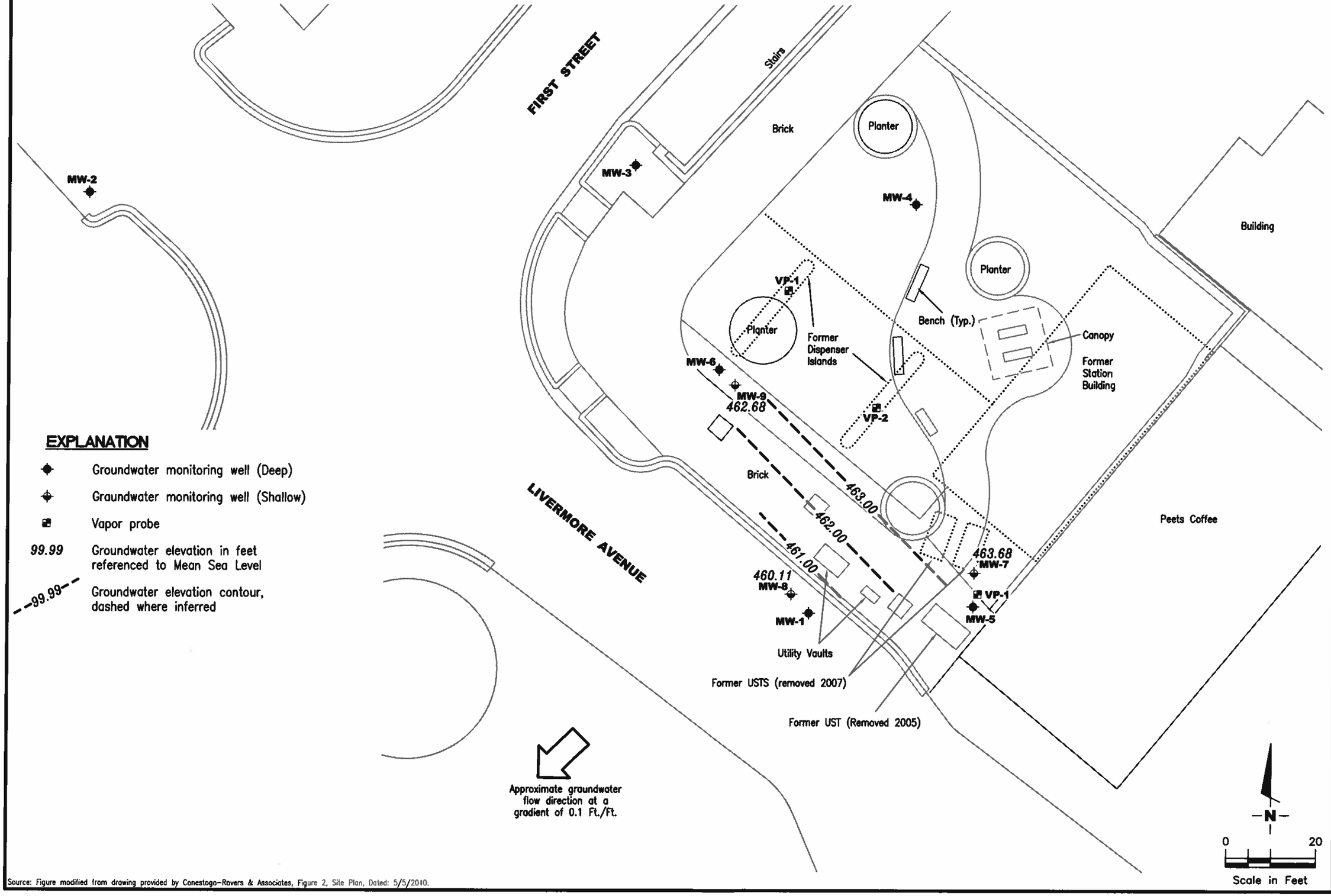
POTENTIOMETRIC MAP -- DEEP ZONE
Former Chevron Service Station #307233
2259 First Street
Livermore, CA

FIGURE 1

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

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
385876		May 27, 2010	

FILE NAME: P:\Enviro\Chevron\307233\Q10-307233.dwg | Layout Tab: Pot2-S2



EXPLANATION

- Groundwater monitoring well (Deep)
- Graundwater monitoring well (Shallow)
- Vapor probe
- *99.99* Groundwater elevation in feet referenced to Mean Sea Level
- --99.99-- Groundwater elevation contour, dashed where inferred

Source: Figure modified from drawing provided by Conestogo-Rovers & Associates, Figure 2, Site Plan, Dated: 5/5/2010.

POTENTIOMETRIC MAP - SHALLOW ZONE
Former Chevron Service Station #307233
2259 First Street
Livermore, CA

FIGURE 2

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

PROJECT NUMBER	REVIEWED BY	REVISED DATE	DATE
385876			May 27, 2010

FILE NAME: P:\Enviro\Chevron\307233\Q10-307233.dwg | Layout Tab: Pot2-02

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #307233

2259 First Street

Livermore, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW-1									
05/25/10[1]	490.86	30.62	460.24	--	--	--	--	--	--
05/27/10	490.86	30.65	460.21	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-2									
05/25/10[1]	489.43	31.18	458.25	--	--	--	--	--	--
05/27/10	489.43	31.11	458.32	<50	<50	<0.5	<0.5	<0.5	<0.5
MW-3									
05/25/10[1]	490.38	30.17	460.21	--	--	--	--	--	--
05/27/10	490.38	30.98	459.40	610	2,100	2	<0.5	<0.5	0.9
MW-4									
05/25/10[1]	492.27	32.21	460.06	--	--	--	--	--	--
05/27/10	492.27	32.26	460.01	230	1,800	1	<0.5	<0.5	0.7
MW-5									
05/25/10[1]	491.99	31.39	460.60	--	--	--	--	--	--
05/27/10	491.99	31.42	460.57	120	420	2	<0.5	<0.5	1
MW-6									
05/25/10[1]	491.52	31.63	459.89	--	--	--	--	--	--
05/27/10	491.52	31.79	459.73	1,000	3,700	4	<0.5	<0.5	1
MW-7									
05/25/10[1]	492.29	28.69	463.60	--	--	--	--	--	--
05/27/10	492.29	28.61	463.68	2,800	14,000	1,800	35	320	660

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #307233

2259 First Street

Livermore, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW-8									
05/25/10[1]	490.89	30.62	460.27	--	--	--	--	--	--
05/27/10	490.89	30.78	460.11	750	3,100	36	3	<0.5	2
MW-9									
05/25/10[1]	491.64	29.23	462.41	--	--	--	--	--	--
05/27/10	491.64	28.96	462.68	<50	<50	<0.5	<0.5	<0.5	<0.5
QA									
05/27/10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #307233

2259 First Street

Livermore, California

EXPLANATIONS:

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
(msl) = Mean Sea Level
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

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

ANALYTICAL RESULTS:

TPH-DRO by EPA Method 8015B with silica gel cleanup
TPH-GRO by EPA Method 8015B
BTEX by EPA Method 8260

[1] Well development performed.

STANDARD OPERATING PROCEDURE –WELL DEVELOPMENT 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 well development, each well is monitored for the presence of free-phase hydrocarbons and the depth to water is recorded. Wells are then developed by alternately surging the well with the bailer, then purging the well with a pump to remove accumulated sediments and draw groundwater into the well. Development continues until the groundwater parameters (temperature, pH, and conductivity) have stabilized.

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.

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.

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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.

FORMER CHEVRON SERVICE STATION #307233
Livermore, CA

WELL DEVELOPMENT EVENT OF
May 25, 2010

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5/25/10 (inclusive)
City: Livermore, CA | Sampler: JW

Well ID: ~~MW-8~~ MW-1 | Date Monitored: 5/25/10
Well Diameter: 2 in.
Initial Total Depth: 58.75 ft.
Final Total Depth: 58.82 ft.
Depth to Water: 30.62 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

28.13 xVF .17 = 4.78 x10 case volume = Estimated Purge Volume: 47.82 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.24

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

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

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

Start Time (purge): 0925 | Weather Conditions: Cloudy
Sample Time/Date: —— / ~~Skipped~~ | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: 1 gpm. | Sediment Description: L, Silt
Did well de-water? NO | If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: ——

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (US))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0935	5	7.84	924	19.4		
0945	10	7.82	1121	19.3		
0950	15	7.65	1183	19.2		
1000	20	7.60	1177	19.1		
1005	25	7.57	1182	19.2		
1010	30	7.58	1190	19.0		
1015	35	7.53	1193	19.0		
1020	40	7.51	1205	19.2		
1025	45	7.59	1206	19.1		
1030	50	7.56	1215	19.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 DEVELOP ONLY
Replaced (2) missing 5/8" Bolts, well also had no plug or anything else covering the well - Well very silty pumped extra 50 gallons from well

Add/Replaced Lock: X | Add/Replaced Plug: 2" | Add/Replaced Bolt: (2) 5/8"

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5-25-10 (inclusive)
City: Livermore, CA | Sampler: AW

Well ID: MW-2 | Date Monitored: 5-25-10
Well Diameter: 2 in.
Initial Total Depth: 58.63 ft.
Final Total Depth: 58.64 ft.
Depth to Water: 31.18 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.

27.45 xVF .17 = 4.66 x10 case volume = Estimated Purge Volume: 47.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.67

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): 0920 | Weather Conditions: Sunny
Sample Time/Date: — | Water Color: Cloudy | Odor: Y / (N)
Approx. Flow Rate: 1-2 gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: N/A

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0923	5.0	7.84	596	18.7		
0926	10.0	7.58	622	19.3		
0930	15.0	7.52	635	19.5		
0933	20.0	7.52	642	19.4		
0937	25.0	7.52	684	19.6		
0941	30.0	7.54	651	19.6		
0945	35.0	7.56	650	19.6		
0949	40.0	7.55	644	19.7		
0953	45.0	7.55	649	19.6		
0957	50.0	7.54	660	19.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 DEVELOP ONLY
Well very silty, Purged extra 50 Gallons

Add/Replaced Lock: ✓ Add/Replaced Plug: — Add/Replaced Bolt: —

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5-25-10 (inclusive)
City: Livermore, CA | Sampler: AW

Well ID: MW-3 | Date Monitored: 5-25-10
Well Diameter: 2 in.
Initial Total Depth: 54.01 ft.
Final Total Depth: 59.38 ft.
Depth to Water: 30.17 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.

23.84 xVF .17 = 4.05 x10 case volume = Estimated Purge Volume: 40.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.94

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): 1045 | Weather Conditions: Cloudy
Sample Time/Date: — | Water Color: Cloudy | Odor: Y / N / Slight
Approx. Flow Rate: 1.0 gpm. | Sediment Description: Heavy
Did well de-water? Y | If yes, Time: 1055 / 1111 | Volume: ~10.0 / ~13.0 gal. | DTW @ Sampling: N/A

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (uS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1049	4.0	7.71	628	19.6		
1053	8.0	7.78	813	20.1		
1110	12.0	7.73	816	19.6		
1130	16.0	7.73	813	19.6		
1150	20.0	7.72	813	19.7		
1210	24.0	7.61	810	19.3		
1230	28.0	7.62	807	19.2		
1250	32.0	7.61	805	19.2		
1310	36.0	7.60	805	19.1		
1330	40.0	7.60	804	19.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 — DEVELOP ONLY
* Slow recovery * Waited for recovery in intervals.

Add/Replaced Lock: ✓ | Add/Replaced Plug: | Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5-25-10 (inclusive)
City: Livermore, CA | Sampler: AW

Well ID: MW-4 | Date Monitored: 5-25-10
Well Diameter: 2 in.
Initial Total Depth: 58.93 ft.
Final Total Depth: 58.93 ft.
Depth to Water: 32.21 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.

26.72 xVF .17 = 4.54 x10 case volume = Estimated Purge Volume: 45.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.55

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): 1345 | Weather Conditions: Cloudy
Sample Time/Date: — | Water Color: Cloudy | Odor: Y (N) | —
Approx. Flow Rate: 1-2.0 gpm. | Sediment Description: / Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: N/A

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1346	5.0	7.63	754	18.6		
1352	10.0	7.66	757	18.6		
1356	15.0	7.66	755	18.4		
1400	20.0	7.65	755	18.4		
1405	25.0	7.61	755	18.5		
1410	30.0	7.65	756	18.3		
1415	35.0	7.64	756	18.3		
1420	40.0	7.64	756	18.2		
1425	45.0	7.62	755	18.1		
1430	50.0	7.62	755	18.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 — DEVELOP ONLY
Well very silty extra 50 bailings purged

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5/25/10 (inclusive)
City: Livermore, CA | Sampler: JH

Well ID: MW-[illegible]5 | Date Monitored: 5/25/10
Well Diameter: 2 in.
Initial Total Depth: 58.82 ft.
Final Total Depth: 58.88 ft.
Depth to Water: 31.39 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

27.43 xVF .17 = 4.66 x10 case volume = Estimated Purge Volume: 46.63 gal.

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

Purge Equipment:
Disposable Bailer: ____
Stainless Steel Bailer: X
Stack Pump: X
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): 1320 | Weather Conditions: Cloudy
Sample Time/Date: — / — | Water Color: Cloudy | Odor: Y / N
Approx. Flow Rate: 2 gpm. | Sediment Description: Lights
Did well de-water? NO 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)
1330	5	7.67	1744	19.6		
1337	10	7.64	1787	19.5		
1340	15	7.60	1805	19.2		
1343	20	7.53	1849	19.1		
1346	25	7.50	1861	19.0		
1349	30	7.29	1854	19.3		
1352	35	7.24	1859	19.5		
1355	40	7.20	1867	19.2		
1358	45	7.31	1872	19.3		
1401	47	7.26	1858	19.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 — DEVELOP ONLY
well very salty Purged extra 40 Gallons From well.

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5-25-10 (inclusive)
City: Livermore, CA | Sampler: AW

Well ID: MW-6 | Date Monitored: 5-25-10
Well Diameter: 2 in.
Initial Total Depth: 58.80 ft.
Final Total Depth: 59.01 ft.
Depth to Water: 31.63 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.

27.17 xVF .17 = 4.62 x10 case volume = Estimated Purge Volume: 47.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.06

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): 1445 | Weather Conditions: Rainy
Sample Time/Date: | Water Color: Cloudy | Odor: Y / N Slight
Approx. Flow Rate: ~2 gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: N/A

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1449	5.0	7.60	760	18.3		
1453	10.0	7.63	751	18.3		
1457	15.0	7.60	756	18.3		
1501	20.0	7.61	752	18.2		
1505	25.0	7.60	752	18.5		
1510	30.0	7.64	754	18.4		
1515	35.0	7.59	753	18.3		
1520	40.0	7.57	753	18.4		
1525	45.0	7.56	752	18.3		
1530	50.0	7.56	752	18.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 — DEVELOP ONLY
Well very silty 50 Gallon extra purged

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5/25/10 (inclusive)
City: Livermore, CA | Sampler: JH

Well ID: MW-7 | Date Monitored: 5/25/10
Well Diameter: 2 in.
Initial Total Depth: 32.71 ft.
Final Total Depth: 32.85 ft.
Depth to Water: 28.69 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.

4.02 xVF .17 = .68 x10 case volume = Estimated Purge Volume: 6.83 gal.

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

Purge Equipment:
- Disposable Bailer: —
- Stainless Steel Bailer: X
- 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): 1200 | Weather Conditions: Cloudy
Sample Time/Date: — / — | Water Color: Clear Odor: (Y) N / Lt HC
Approx. Flow Rate: — gpm. | Sediment Description: Lt HC
Did well de-water? Yes If yes, Time: 1214 Volume: 2.75 gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1210	.5	7.82	1507	19.4		
1211	1.0	7.81	1564	19.2		
1212	1.5	7.64	1583	19.1		
1213	2.5	7.57	1591	18.7		
1230	3.5	7.54	1595	18.4		
1233	4.5	7.51	1631	19.3		
1236	6.5	7.55	1661	19.5		
1250	8.5	7.50	1685	19.7		
1253	7.0	7.44	1702	19.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: Ø DEVELOP ONLY
well Developed 2nd time at 1237 5.75 Gal

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 | Job Number: 385876
Site Address: 2259 First Street | Event Date: 5/25/10 (inclusive)
City: Livermore, CA | Sampler: JH

Well ID: ~~MW-1~~ MW-8 | Date Monitored: 5/25/10
Well Diameter: 2 in.
Initial Total Depth: 38.88 ft.
Final Total Depth: 39.92 ft.
Depth to Water: 30.62 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.

8.26 xVF .17 = 1.40 x10 case volume = Estimated Purge Volume: 14.04 gal.

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

Purge Equipment:
- Disposable Bailer
- Stainless Steel Bailer: X
- 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): 1040 | Weather Conditions: Cloudy
Sample Time/Date: — / 5/25/10 | Water Color: Clear | Odor: Y / N
Approx. Flow Rate: 1 gpm. | Sediment Description: Light
Did well de-water? Yes If yes, Time: 1054 Volume: 6.5 gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1043	1.5	7.63	1112	19.1		
1047	3.0	7.60	1119	19.3		
1051	4.5	7.57	1125	19.4		
1053	6.0	7.53	1130	19.6		
1101	7.5	7.82	1073	19.2		
1118	9.0	7.64	1115	19.4		
1120	10.5	7.59	1127	19.5		
1122	12	7.53	1161	19.2		
1140	13.5	7.50	1085	19.5		
1142	14	7.39	1102	19.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 DEVELOP ONLY
Well Dewatered 2nd time at 1102 8 Gallons
Well Dewatered 3rd time at 1123 12.5 Gallons

Add/Replaced Lock: X | Add/Replaced Plug: | Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
Site Address: 2259 First Street Event Date: 5/25/10 (inclusive)
City: Livermore, CA Sampler: JH

Well ID MW-9 Date Monitored: 5/25/10
Well Diameter 2 in.
Initial Total Depth 39.58 ft.
Final Total Depth 39.64 ft.
Depth to Water 29.23 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.

10.35 xVF .17 = 1.75 x10 case volume = Estimated Purge Volume: 17.95 gal.

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

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer X
Stack Pump X
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): 1420 Weather Conditions: Rain
Sample Time/Date: — / 5/25/10 Water Color: Cloudy Odor: Y / N
Approx. Flow Rate: 1 gpm. Sediment Description: Heavy
Did well de-water? Yes If yes, Time: 1446 Volume: 5.5 gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1430	1.75	7.84	1744	19.4		
1440	3.5	7.65	1787	19.2		
1445	5.25	7.65	1757	19.0		
1500	7.0	7.63	1752	19.1		
1502	8.75	7.63	1750	19.0		
1525	10.5	7.59	1788	19.2		
1527	12.25	7.52	1760	19.1		
1529	14	7.50	1745	18.7		
1540	15.75	7.43	1761	18.6		
1542	17.5	7.41	1784	18.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0 DEVELOP ONLY
Well Dewatered 2nd time at 1503 9 Gallons
Well Dewatered 3rd time at 1530 14.25 Gallons

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

FORMER CHEVRON SERVICE STATION #307233
Livermore, CA

QUARTERLY MONITORING EVENT OF
May 27, 2010

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #307233 Job Number: 385876
Site Address: 2259 First Street Event Date: 5/27/10 (inclusive)
City: Livermore, CA Sampler: JH

Well ID ~~MW-8~~ MW-1 Date Monitored: 5/27/10
Well Diameter 2 in.
Total Depth 58.82 ft.
Depth to Water 30.65 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

28.17 xVF .17 = 4.78 x3 case volume = Estimated Purge Volume: 14.36 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.28

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

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

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

Start Time (purge): 0820 Weather Conditions: Cloudy
Sample Time/Date: 0855 / 5/27/10 Water Color: cloudy Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: Lt Brn
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 31.82

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0825	5	7.64	1088	17.8		
0830	10	7.41	1897	17.9		
0834	14	7.35	1120	18.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
~~MW-8~~	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
MW-1	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

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: 5/27/10 (inclusive)
City: Livermore, CA | Sampler: JH

Well ID: MW-2 | Date Monitored: 5/27/10
Well Diameter: 2 in.
Total Depth: 58.64 ft.
Depth to Water: 31.11 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.

27.53 xVF .17 = 4.68 x3 case volume = Estimated Purge Volume: 14.04 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.61

Purge Equipment:

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

Sampling Equipment:

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

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

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

Start Time (purge): 0720 | Weather Conditions: clear
Sample Time/Date: 0755 / 5/27/10 | Water Color: cloudy | Odor: Y / (N)
Approx. Flow Rate: 1 gpm. | Sediment Description: Light
Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 31.84

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0724	4	7.47	779	18.9		
0729	9	7.40	805	19.1		
0734	14	7.26	827	19.4		

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)

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: 5/27/10 (inclusive)
City: Livermore, CA Sampler: JH

Well ID MW-3 Date Monitored: 5/27/10
Well Diameter 2 in.
Total Depth 59.38 ft.
Depth to Water 30.98 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.

28.40 xVF .17 = 4.82 x3 case volume = Estimated Purge Volume: 14.48 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.66

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump X
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): 1015 Weather Conditions: Cloudy
Sample Time/Date: 1055 / 5/27/10 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: Lightly
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 32.88

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1020	5	7.68	1183	18.4		
1025	10	7.60	1206	18.2		
1030	15	7.43	1237	18.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

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: 5/27/10 (inclusive)
City: Livermore, CA Sampler: JH

Well ID MW-4 Date Monitored: 5/27/10
Well Diameter 2 in.
Total Depth 58.93 ft.
Depth to Water 32.26 ft.

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

☐ Check if water column is less then 0.50 ft.

26.67 xVF .17 = 4.53 x3 case volume = Estimated Purge Volume: 13.60 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.59

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

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

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

Start Time (purge): 1340 Weather Conditions: cloudy
Sample Time/Date: 1415 / 5/27/10 Water Color: cloudy Odor: Y / N
Approx. Flow Rate: 1 gpm. Sediment Description: Light
Did well de-water? no If yes, Time: Volume: gal. DTW @ Sampling: 34.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1345	5	7.68	1449	18.7		
1358	10	7.51	1492	18.4		
1354	14	7.39	1538	18.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

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: 5/27/10 (inclusive)
City: Livermore, CA Sampler: JH

Well ID MW-5 Date Monitored: 5/27/10
Well Diameter 2 in.
Total Depth 58.88 ft.
Depth to Water 31.42 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.

27.46 xVF .17 = 4.66 x3 case volume = Estimated Purge Volume: 14.00 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.91

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

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

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

Start Time (purge): 1115 Weather Conditions: Cloudy
Sample Time/Date: 1155 / 5/27/10 Water Color: Cloudy Odor: Y (N)
Approx. Flow Rate: 1 gpm. Sediment Description: Light
Did well de-water? NO If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 34.52

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1120	5	7.49	1190	18.4		
1125	10	7.32	1222	18.2		
1129	14	7.26	1247	18.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

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: 5/27/11 (inclusive)
City: Livermore, CA Sampler: JH

Well ID MW-6 Date Monitored: 5/27/11
Well Diameter 2 in.
Total Depth 59.01 ft.
Depth to Water 31.79 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.

27.22 xVF .17 = 4.62 x3 case volume = Estimated Purge Volume: 13.88 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.23

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

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

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

Start Time (purge): 1445 Weather Conditions: Cloudy
Sample Time/Date: 1520 / 5/27/11 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: LIGHT
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 33.81

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1450	5	7.62	1434	18.6		
1455	10	7.49	1482	18.3		
1459	14	7.33	1506	18.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

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: 5/27/10 (inclusive)
City: Livermore, CA Sampler: JH

Well ID MW-7 Date Monitored: 5/27/10
Well Diameter 2 in.
Total Depth 32.85 ft.
Depth to Water 28.61 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

4.24 xVF .17 = .72 x3 case volume = Estimated Purge Volume: 2.16 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 29.45

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1215 Weather Conditions: Cloudy
Sample Time/Date: 1255 / 5/27/10 Water Color: Clear Odor: (Y) / N Slight
Approx. Flow Rate: — gpm. Sediment Description: Slight
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 29.40

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1219	.75	7.67	1556	17.6		
1224	1.5	7.32	1573	17.2		
1229	2.25	7.29	1609	17.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

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: 5/27/10 (inclusive)
City: Livermore, CA | Sampler: JH

Well ID ~~MW-1~~ MW-8 | Date Monitored: 5/27/10
Well Diameter 2 in.
Total Depth 39.42 ft.
Depth to Water 30.78 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.

8.64 xVF .17 = 1.46 x3 case volume = Estimated Purge Volume: 4.40 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.50

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 0915 | Weather Conditions: Rain
Sample Time/Date: 0955 / 5/27/10 | Water Color: cloudy | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: Lt Brn
Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 32.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0920	1.5	7.61	1102	18.4		
0925	3.0	7.48	1138	18.2		
0930	4.5	7.40	1160	18.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

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: 5/27/10 (inclusive)
City: Livermore, CA | Sampler: JH

Well ID: MW-9 | Date Monitored: 5/27/10
Well Diameter: 2 in.
Total Depth: 39.64 ft.
Depth to Water: 28.96 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.

10.68 xVF .17 = 1.81 x3 case volume = Estimated Purge Volume: 5.44 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.09

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

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

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

Start Time (purge): 1535 | Weather Conditions: cloudy
Sample Time/Date: 1615 / 5/27/10 | Water Color: Cloudy | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: Light
Did well de-water? No | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 31.00

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1541	2	7.61	1388	18.4		
1547	4	7.38	1439	18.2		
1552	5.5	7.26	1451	18.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories AMENDED Ø5281Ø-Ø1

For Lancaster Laboratories use only — Acct. #: 10904 Sample #: 5993826-35 Group #: 018152 Grp# 1196080

Facility #: SS#307233-OML G-R#385876 Global ID#T0600196522
Site Address: 2259 FIRST STREET LIVERMORE, CA
Chevron PM: IR — Lead Consultant: CRAHK
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: J. Hess

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water (Potable / NPDES)	Oil / Air	Total Number of Containers	BTEX + 8260 ☑ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☑ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
QA	6/2/10		X			X		3	X	X					
MW-8 MW-1		0955	X			X		8	X	X	X				
MW-2		0755	X			X		8	X	X	X				
MW-3		1055	X			X		8	X	X	X				
MW-4		1415	X			X		8	X	X	X				
MW-5		1155	X			X		8	X	X	X				
MW-6		1520	X			X		8	X	X	X				
MW-7		1255	X			X		8	X	X	X				
MW-1 MW-8		0855	X			X		8	X	X	X				
MW-9		1615	X			X		3	X	X	X				

Analyses Requested / Preservation Codes

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

- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- 8021 MTBE Confirmation
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run ____ oxy's on highest hit
- ☐ Run ____ oxy's on all hits

Comments / Remarks
06-09-10
Jill
Please amend the CoFC MW-1 is MW-8 and MW-8 is MW-1 switched in the Field
Thank you
Cheryl

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

Data Package Options (please circle if required)
QC Summary / Type I - Full / Type VI (Raw Data) / ☐ Coelt Deliverable not needed / WIP (RWQCB) / Disk
EDF/EDD

	Date	Time		Date	Time
Relinquished by:	6/2/10	0845	Received by: A. Hubyer	28MAY10	0845
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

Ø52810-Ø1

For Lancaster Laboratories use only

Acct. #: 10904 Sample #: 5993826-35 Group #: 018152

Grp# 1196680

Facility #: SS#307233-OML G-R#385876 Global ID#T0600196622

Site Address: 2259 FIRST STREET, LIVERMORE, CA

Chevron PM: JR Lead Consultant: CRAHK

Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Prj. Mgr.: Deanne L. Harding (deanna@grinc.com)

Consultant Phone #: 925-551-7555 Fax #: 925-551-7899

Sampler: [signature]

Matrix: Soil / Water (☐ Potable ☐ NPDES) / Oil ☐ Air

Analyses Requested — Preservation Codes: H, H

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☑ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☒ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method				
QA	5/27/10		X			X		2	X	X									
MW-1	↓	0955	X			X		8	X	X	X								
MW-2		0755	X			X		8	X	X	X								
MW-3		1055	X			X		8	X	X	X								
MW-4		1415	X			X		8	X	X	X								
MW-5		1155	X			X		8	X	X	X								
MW-6		1020	X			X		8	X	X	X								
MW-7		1255	X			X		8	X	X	X								
MW-8		0855	X			X		8	X	X	X								
MW-9	↓	1615	X			X		8	X	X	X								

Preservative Codes

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

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

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

Comments / Remarks

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

Data Package Options (please circle if required)
QC Summary Type I - Full EDF/EDD
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5/28/10	0815	[signature]	28 MAY 10	0815
[signature]	5/28/10	1600	FedEx		
Relinquished by Commercial Carrier: UPS FedEx Other ____			Received by: [signature]	5/29/10	1000
Temperature Upon Receipt 1.6-2.2 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

4604.01 (front) Rev. 10/12/06

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

GETTLER-RYAN INC.
GENERAL CONTRACTORS
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

June 09, 2010

Project: 307233

Submittal Date: 05/29/2010
Group Number: 1196680
PO Number: 0015060774
Release Number: ROBB
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-100527 NA Water	5993826
MW-8-W-100527 Grab Water	5993827
MW-2-W-100527 Grab Water	5993828
MW-3-W-100527 Grab Water	5993829
MW-4-W-100527 Grab Water	5993830
MW-5-W-100527 Grab Water	5993831
MW-6-W-100527 Grab Water	5993832
MW-7-W-100527 Grab Water	5993833
MW-1-W-100527 Grab Water	5993834
MW-9-W-100527 Grab Water	5993835

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: Cheryl Hansen

Lancaster Laboratories

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Analysis Report

REVISED

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

Respectfully Submitted,

Beatrice A. Stauffer
Manager

Lancaster Laboratories

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Analysis Report

REVISED

Sample Description: QA-T-100527 NA Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 QA

LLI Sample # WW 5993826
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLQA

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

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	Z101533AA	06/03/2010 01:00	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 01:00	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 01:12	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 01:12	Marie D John	1

Lancaster Laboratories

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Analysis Report

REVISED

Sample Description: MW-8-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-8

LLI Sample # WW 5993827
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 09:55 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM1

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	36	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	3	0.5	1
10943	Xylene (Total)	1330-20-7	2	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	3,100	50	1
GC Extractable TPH w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	750	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	Z101533AA	06/03/2010 01:25	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 01:25	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 04:03	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 04:03	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 17:03	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-2-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-2

LLI Sample # WW 5993828
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 07:55 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM2

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 w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	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	Z101533AA	06/03/2010 01:51	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 01:51	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 04:27	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 04:27	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 17:23	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-3-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-3

LLI Sample # WW 5993829
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 10:55 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	2	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	0.9	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	2,100	50	1
GC Extractable TPH w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	610	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	Z101533AA	06/03/2010 02:16	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 02:16	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 04:51	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 04:51	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 17:43	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-4-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-4

LLI Sample # WW 5993830
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 14:15 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	1	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	0.7	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,800	50	1
GC Extractable TPH w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	230	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	Z101533AA	06/03/2010 06:54	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 06:54	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 05:16	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 05:16	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 18:44	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-5-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-5

LLI Sample # WW 5993831
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 11:55 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	2	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	1	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	420	50	1
GC Extractable TPH w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	120	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	Z101533AA	06/03/2010 07:20	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 07:20	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 05:40	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 05:40	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 19:04	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-6-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-6

LLI Sample # WW 5993832
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 15:20 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM6

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	4	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	1	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	3,700	250	5
GC Extractable TPH w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	1,000	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	Z101533AA	06/03/2010 07:45	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 07:45	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 12:34	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 12:34	Marie D John	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 19:25	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-7-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-7

LLI Sample # WW 5993833
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 12:55 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	1,800	25	50
10943	Ethylbenzene	100-41-4	320	3	5
10943	Toluene	108-88-3	35	3	5
10943	Xylene (Total)	1330-20-7	660	3	5
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	14,000	250	5
GC Extractable TPH w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	2,800	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	Z101533AA	06/03/2010 08:10	Florida A Cimino	5
10943	BTEX 8260B Water	SW-846 8260B	1	Z101533AA	06/03/2010 08:36	Florida A Cimino	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101533AA	06/03/2010 08:10	Florida A Cimino	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Z101533AA	06/03/2010 08:36	Florida A Cimino	50
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 08:54	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 08:54	Marie D John	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 19:45	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-1-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-1

LLI Sample # WW 5993834
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 08:55 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM8

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 w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	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	Z101534AA	06/03/2010 00:47	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101534AA	06/03/2010 00:47	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 11:45	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 11:45	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 20:05	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

REVISED

Sample Description: MW-9-W-100527 Grab Water
Facility# 307233 Job# 385876 GRD
2259 First St-Livermore T0600196622 MW-9

LLI Sample # WW 5993835
LLI Group # 1196680
Account # 10904

Project Name: 307233

Collected: 05/27/2010 16:15 by JH

Submitted: 05/29/2010 10:00
Reported: 06/09/2010 14:33
Discard: 07/10/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

FSLM9

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 w/Si Gel	**SW-846 8015B**		ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	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	Z101534AA	06/03/2010 01:12	Florida A Cimino	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z101534AA	06/03/2010 01:12	Florida A Cimino	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10153A53A	06/03/2010 06:53	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10153A53A	06/03/2010 06:53	Marie D John	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	101520016A	06/02/2010 20:25	Glorines Suarez-Rivera	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	101520016A	06/01/2010 14:45	Timothy J Attenberger	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 06/09/10 at 02:33 PM

Group Number: 1196680

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: Z101533AA	Sample number(s): 5993826-5993833							
Benzene	N.D.	0.5	ug/l	91		79-120		
Ethylbenzene	N.D.	0.5	ug/l	96		79-120		
Toluene	N.D.	0.5	ug/l	95		79-120		
Xylene (Total)	N.D.	0.5	ug/l	96		80-120		
Batch number: Z101534AA	Sample number(s): 5993834-5993835							
Benzene	N.D.	0.5	ug/l	91		79-120		
Ethylbenzene	N.D.	0.5	ug/l	96		79-120		
Toluene	N.D.	0.5	ug/l	95		79-120		
Xylene (Total)	N.D.	0.5	ug/l	97		80-120		
Batch number: 10153A53A	Sample number(s): 5993826-5993835							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	100	75-135	9	30
Batch number: 101520016A	Sample number(s): 5993827-5993835							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	81	96	52-126	17	20

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: Z101533AA	Sample number(s): 5993826-5993833 UNSPK: P993588								
Benzene	99	90	80-126	9	30				
Ethylbenzene	100	90	71-134	7	30				
Toluene	104	95	80-125	9	30				
Xylene (Total)	102	92	79-125	7	30				
Batch number: Z101534AA	Sample number(s): 5993834-5993835 UNSPK: P993825								
Benzene	100	99	80-126	1	30				
Ethylbenzene	102	102	71-134	1	30				
Toluene	102	102	80-125	0	30				
Xylene (Total)	103	103	79-125	0	30				
Batch number: 10153A53A	Sample number(s): 5993826-5993835 UNSPK: P993820								
TPH-GRO N. CA water C6-C12	75		63-154						

*- 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: 1196680
Reported: 06/09/10 at 02:33 PM

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z101533AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5993826	97	96	100	95
5993827	97	95	100	100
5993828	97	96	99	95
5993829	97	96	100	101
5993830	96	94	100	97
5993831	96	96	100	97
5993832	97	95	100	105
5993833	96	98	100	97
Blank	97	96	100	96
LCS	97	98	100	97
MS	97	97	100	96
MSD	96	98	100	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z101534AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5993834	96	96	99	96
5993835	95	96	99	96
Blank	96	97	99	96
LCS	95	97	100	97
MS	95	99	100	98
MSD	95	97	100	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10153A53A

	Trifluorotoluene-F
5993826	80
5993827	136*
5993828	79
5993829	90
5993830	85
5993831	81
5993832	77
5993833	130
5993834	79
5993835	78
Blank	80
LCS	92
LCSD	92
MS	91
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 101520016A

*- 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: 06/09/10 at 02:33 PM

Group Number: 1196680

Surrogate Quality Control

	Orthoterphenyl
5993827	92
5993828	90
5993829	93
5993830	90
5993831	93
5993832	91
5993833	106
5993834	81
5993835	89
Blank	86
LCS	104
LCSD	116
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.

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

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

ppb parts per billion

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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