Eric Frohnapple, P.E.
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 543-5336
Fax (925) 543-2324
ericf@chevron.com

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

Re: Former Chevron Service Station No. 21-1253
930 Springtown Road
Livermore, California

I accept the **Third Quarter 2010 Groundwater Monitoring and Sampling Report and Annual Update** dated November 5, 2010.

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 **Third Quarter 2010 Groundwater Monitoring and Sampling Report and Annual Update** 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,

Eric Frohnapple, P.E.
Project Manager

Attachment: Third Quarter 2010 Groundwater Monitoring and Sampling Report and Annual Update

CONESTOGA-ROVERS
& ASSOCIATES

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

November 5, 2010 Reference No. 060058

Mr. Jerry Wickham
Alameda County Environmental Health Services (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: Third Quarter 2010
Groundwater Monitoring and Sampling Report and Annual Update
Former Texaco station 21-1253
930 Springtown Boulevard
Livermore, California

Dear Mr. Jerry Wickham:

Conestoga-Rovers & Associates (CRA) is submitting this *Third Quarter 2010 Groundwater Monitoring and Sampling Report and Annual Update* on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above (Figures 1 and 2). Groundwater monitoring and sampling was performed by Gettler-Ryan, Inc. (G-R) of Dublin, California. G-R's September 2, 2010 *Groundwater Monitoring and Sampling Data Package* is presented as Attachment A. G-R's first and second quarter 2010 groundwater monitoring reports were previously submitted to ACEH and uploaded to Geotracker. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' September 3, 2010 *Analytical Results* is presented as Attachment B. Historical groundwater monitoring and sampling data are presented as Attachment C.

RESULTS OF 2010 MONITORING AND SAMPLING EVENTS

On February 22, 2010, May 24, 2010, and August 24, 2010, G-R monitored and sampled the site wells per the established schedule. Monitoring wells are divided into three different zones based on the screen intervals: shallow zone (wells MW-9, MW-11 and MW-14), intermediate zone (wells MW-10, MW-12, MW-13 and MW-16) and deep zone (well MW-15).

Results of the August 24, 2010 monitoring events indicate the following:

- Groundwater Flow Direction — West-northwest
- Hydraulic Gradient — 0.011
- Depth to Water — 10.36 to 13.80 feet below grade

Results of the 2010 sampling events are presented below in Table A:

TABLE A: 2010 HYDROCARBON CONCENTRATIONS

Location	Sample Date	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes
		concentrations in micrograms per liter (µg/L)				
Groundwater ESLs [1]		100	1	40	30	20
MW-9	2/22/2010	<50	<0.5	<0.5	<0.5	<0.5
	5/24/2010	6,200	9	5	470	110
	8/24/2010	3,500	6	8	180	79
MW-10	2/22/2010	3,600	9	2	61	10
	5/24/2010	3,000	12	3	110	22
	8/24/2010	1,300	<0.5	<0.5	2	<0.5
MW-11	2/22/2010	1,400	2	<0.5	5	0.9
	5/24/2010	1,700	1	<0.5	10	0.6
	8/24/2010	2,000	6	2	9	5
MW-12	2/22/2010	14,000	190	590	310	1,400
	5/24/2010	17,000	150	530	320	1,400
	8/24/2010	18,000	210	650	330	1,900
MW-13	2/22/2010	13,000	630	600	22	960
	5/24/2010	15,000	950	670	130	790
	8/24/2010	13,000	810	710	76	660
MW-14	2/22/2010	48,000	3,600	7,900	2,100	9,400
	5/24/2010	0.31 foot of LNAPL				
	8/24/2010	0.29 foot of LNAPL				
MW-15	2/22/2010	66	<0.5	3	1	6
	5/24/2010	70	1	8	1	8
	8/24/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-16	2/22/2010	<50	<0.5	<0.5	<0.5	<0.5
	5/24/2010	<50	<0.5	<0.5	<0.5	<0.5
	8/24/2010	68	<0.5	<0.5	<0.5	<0.5

[1] Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final*, November 2007, revised May 2008. – Table F-1a where groundwater is a potential drinking water source

CONCLUSIONS AND RECOMMENDATIONS

The results of ongoing groundwater monitoring and sampling at the site indicate the following:

- Based on similar depth to groundwater data in shallow, intermediate and deep monitoring wells it appears the three groundwater zones are hydraulically connected.
- Light non-aqueous phase liquid (LNAPL) was detected in well MW-14 during the second and third quarters.
- The highest dissolved hydrocarbon concentrations are detected in intermediate wells MW-12 and MW-13.
- Well MW-16, located across Springtown Boulevard, defines dissolved hydrocarbons to the northwest, and deep well MW-15 defines the vertical extent.
- Dissolved hydrocarbon concentrations in wells MW-10 through MW-13, MW-15, and MW-16 are stable or decreasing, and are fluctuating in well MW-9.

CRA recommends continuing semi-annual monitoring and sampling to establish hydraulic and hydrocarbon concentration trends. CRA also recommends performing surfactant-enhanced recovery treatment (SERT) on well MW-14 to remove LNAPL from beneath the site.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring
G-R will monitor and sample site wells per the established schedule. CRA will submit a groundwater monitoring and sampling report.

Additional Activity
In a letter dated August 30, 2010, ACEH responded to CRA's July 22, 2010 *Pilot Test Work Plan* and requested a Draft Corrective Action Plan (CAP) be submitted. On October 7, 2010, CRA submitted a response letter stating that pilot testing surfactant is the most expeditious and efficient remedial course to extract recoverable LNAPL, and by eliminating LNAPL it will allow us to evaluate additional remedial options that could not be evaluated if LNAPL is present, such as in situ chemical oxidization. CRA will commence work upon receipt of regulatory approval of the work plan. After the pilot test is complete, CRA will evaluate additional remedial alternatives as a part of the requested Draft CAP, including the results of the pilot test.

CONESTOGA-ROVERS & ASSOCIATES

November 5, 2010 Reference No. 060058

Please contact Ms. Kiersten Hoey at (510) 420-3347 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Christine Orlowski Brandon S. Wilken, PG 7564

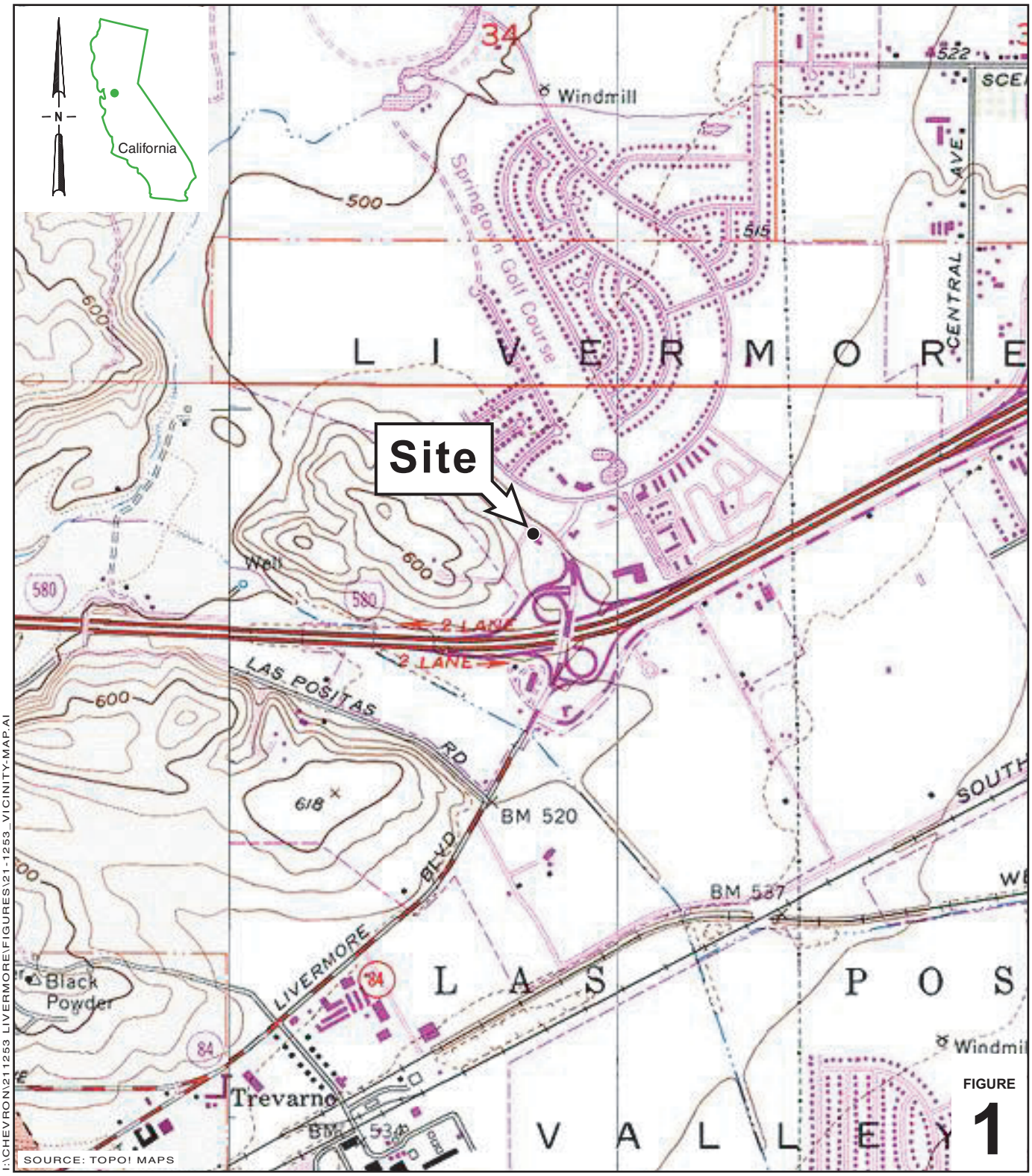
CO/doh/9
Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentrations Map
Table 1	Groundwater Monitoring and Sampling Data
Attachment A	Monitoring and Sampling Data Package
Attachment B	Laboratory Analytical Report
Attachment C	Historical Groundwater Monitoring and Sampling Data

cc: Mr. Eric Frohnapple, Chevron
Mr. Joe Zadik

FIGURES

04/06/07



I:\CHEVRON\211253 LIVERMORE\FIGURES\21-1253_VICINITY-MAP.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Former Texaco Service Station

930 Springtown Boulevard

Livermore, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

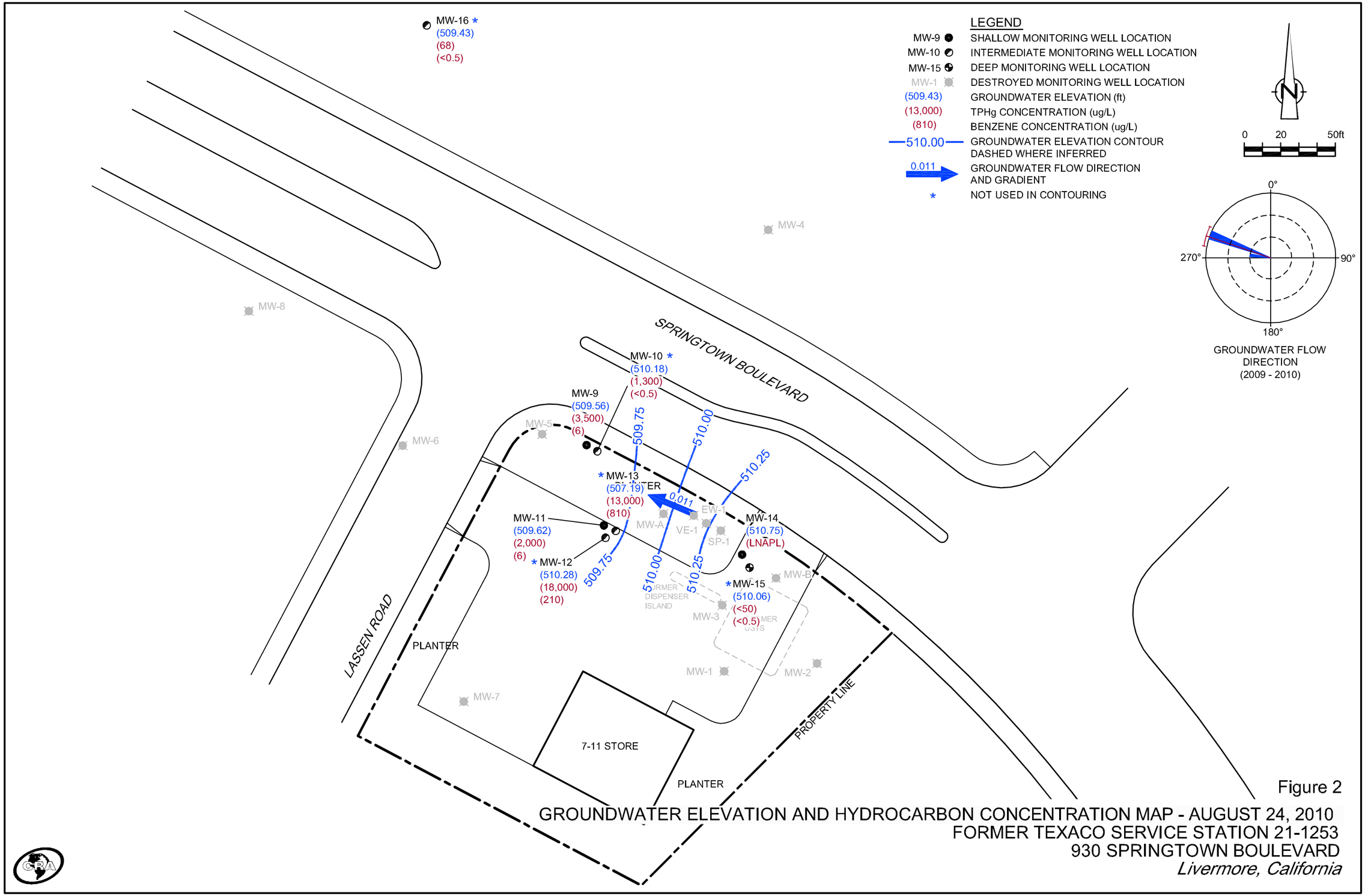


Figure 2

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP - AUGUST 24, 2010
FORMER TEXACO SERVICE STATION 21-1253
930 SPRINGTOWN BOULEVARD
Livermore, California

60058-95(010)GN-WA001 OCT 29/2010

TABLE

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 21-1253
930 SPRINGTOWN BLVD, LIVERMORE, CALIFORNIA

							HYDROCARBONS	*PRIMARY VOCS*			
Location	Date	*TOC*	*DTW*	*GWE*	*LNAPLT*	*LNAPL REMOVED*	*TPH-GRO*	*B*	*T*	*E*	*X*
	Units	*ft*	*ft*	*ft-amsl*	*ft*	*ft*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-9	**08/24/2010**	**523.14**	**13.58**	**509.56**	**-**	**-**	**3,500**	**6**	**8**	**180**	**79**
MW-10	**08/24/2010**	**523.25**	**13.07**	**510.18**	**-**	**-**	**1,300**	**<0.5**	**<0.5**	**2**	**<0.5**
MW-11	**08/24/2010**	**523.42**	**13.80**	**509.62**	**-**	**-**	**2,000**	**6**	**2**	**9**	**5**
MW-12	**08/24/2010**	**523.12**	**12.84**	**510.28**	**-**	**-**	**18,000**	**210**	**650**	**330**	**1,900**
MW-13	**08/24/2010**	**520.88**	**13.69**	**507.19**	**-**	**-**	**13,000**	**810**	**710**	**76**	**660**
MW-14	**08/24/2010[1**]**	**520.88**	**10.36**	**510.75**	**0.29**	**-**	**-**	**-**	**-**	**-**	**-**
MW-15	**08/24/2010**	**520.87**	**10.81**	**510.06**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-16	**08/24/2010**	**520.50**	**11.07**	**509.43**	**-**	**-**	**68**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
QA	**08/24/2010**	**-**	**-**	**-**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Abbreviations and Notes:

TOC = Top of Casing
DTW = Depth to Water
GWE = Groundwater elevation
(ft-amsl) = Feet Above Mean sea level
ft = Feet
µg/L = Micrograms per Liter
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
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 July 22, 2009, by Morrow Surveying. Vertical datum is NAVD 88 from GPS Observations.

** GWE was corrected for the presence of LNAPL; correction factor: [(TOC - DTW) + (LNAPLT x 0.80)].

1 Not sampled due to the presence of LNAPL.

ATTACHMENT A

MONITORING AND SAMPLING DATA PACKAGE

GETTLER-RYAN INC.

TRANSMITTAL

September 2, 2010
G-R #385867

TO: Ms. Kiersten Hoey
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 Texaco Service Station
930 Springtown Blvd.
Livermore, California
(Site #211253)

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
VIA PDF		Groundwater Monitoring and Sampling Data Package **Third Quarter Event of August 24, 2010**

COMMENTS:

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

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

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

Trans/211253

WELL CONDITION STATUS SHEET

Client/Facility #: **Chevron #211253** Job # **385867**

Site Address: **930 Springtown Blvd.** Event Date: 8/24/10

City: **Livermore, CA** Sampler: KE

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-9	OK							n	n	Emco/12/2	
mw-10	OK										
mw-11	OK										
mw-12	OK										
mw-13	OK										
mw-14	OK					3.3Ft Deficient	OK				
mw-15	OK										
mw-16	OK										

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 #211253** Job Number: **385867**

Site Address: **930 Springtown Blvd.** Event Date: 8/24/10 (inclusive)

City: **Livermore, CA** Sampler: KE

Well ID **MW-9** Date Monitored: 8/24/10

Well Diameter 4 in.

Total Depth 14.79 ft.

Depth to Water 13.58 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.

1.21 xVF .66 = .79 x3 case volume = Estimated Purge Volume: 2.3 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.82

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): 1025 Weather Conditions: Sunny

Sample Time/Date: 1045 / 8/24/10 Water Color: Cloudy Odor: (Y) / N moderate

Approx. Flow Rate: ~ gpm. Sediment Description: light

Did well de-water? yes If yes, Time: 1030 Volume: 1.25 gal. DTW @ Sampling: 13.82

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1028	1	7.29	1077	20.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211253** Job Number: **385867**
Site Address: **930 Springtown Blvd.** Event Date: 8/24/10 (inclusive)
City: **Livermore, CA** Sampler: KE

Well ID **MW-10** Date Monitored: 8/24/10
Well Diameter **4** in.
Total Depth 26.51 ft.
Depth to Water 13.07 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.

13.44 xVF 1.66 = 8.8 x3 case volume = Estimated Purge Volume: 26.4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.75

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): 0950 Weather Conditions: Sunny
Sample Time/Date: 1015 / 8/24/10 Water Color: Clear Odor: (Y) / N Slight
Approx. Flow Rate: 2 gpm. Sediment Description: Clear
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 13.88

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0955	10	7.60	1099	21.5		
1000	20	7.52	1083	21.0		
1004	28	7.48	1077	20.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-18	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211253** Job Number: **385867**
Site Address: **930 Springtown Blvd.** Event Date: 8/24/10 (inclusive)
City: **Livermore, CA** Sampler: KE

Well ID MW- 11 Date Monitored: 8/24/10
Well Diameter 4 in.
Total Depth 16.65 ft.
Depth to Water 13.80 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.

2.85 xVF .66 = 1.8 x3 case volume = Estimated Purge Volume: 5.6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.37

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): 1055 Weather Conditions: Sunny
Sample Time/Date: 1110 / 8/24/10 Water Color: Cloudy Odor Y / N moderate
Approx. Flow Rate: ~ gpm. Sediment Description: light
Did well de-water? yes If yes, Time: 1058 Volume: 1.5 gal. DTW @ Sampling: 14.03

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1058	1.5	7.47	1217	23.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 11	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211253 Job Number: 385867
Site Address: 930 Springtown Blvd. Event Date: 8/24/10 (inclusive)
City: Livermore, CA Sampler: KE

Well ID MW- 12 Date Monitored: 8/24/10
Well Diameter 4 in.
Total Depth 26.61 ft.
Depth to Water 12.84 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

13.77 xVF .66 = 9 x3 case volume = Estimated Purge Volume: 27.2 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.59

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): 1215 Weather Conditions: Sunny
Sample Time/Date: 1245 8/24/10 Water Color: Clear Odor: (Y) N Strong
Approx. Flow Rate: 2 gpm. Sediment Description: Clear
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 13.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C) F	D.O. (mg/L)	ORP (mV)
1220	10	7.62	1411	23.1		
1225	20	7.54	1384	22.0		
1229	27	7.46	1378	21.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 12	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211253 Job Number: 385867
Site Address: 930 Springtown Blvd. Event Date: 8/24/10 (inclusive)
City: Livermore, CA Sampler: KE

Well ID MW-13 Date Monitored: 8/24/10
Well Diameter 4 in.
Total Depth 36.66 ft.
Depth to Water 13.69 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.

22.97 xVF .66 = 15.1 x3 case volume = Estimated Purge Volume: 45.4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.28

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): 1120 Weather Conditions: Sunny
Sample Time/Date: 1200 / 8/24/10 Water Color: Clear Odor: (Y) / N Strong
Approx. Flow Rate: 2 gpm. Sediment Description: Clear
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 13.82

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) F)	D.O. (mg/L)	ORP (mV)
1128	16	7.83	1238	23.1		
1136	32	7.73	1251	21.8		
1143	46	7.66	1255	21.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-13	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211253 Job Number: 385867
Site Address: 930 Springtown Blvd. Event Date: 8/24/10 (inclusive)
City: Livermore, CA Sampler: KE

Well ID MW-14 Date Monitored: 8/24/10
Well Diameter 4 in.
Total Depth 14.44 ft.
Depth to Water 10.36 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.

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

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

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

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

Time Started: ~ (2400 hrs)
Time Completed: ~ (2400 hrs)
Depth to Product: 10.07 ft
Depth to Water: 10.36 ft
Hydrocarbon Thickness: 0.29 ft
Visual Confirmation/Description: dark yellow
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____
Product Transferred to: _____

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS: SPH / M/O

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211253** Job Number: **385867**

Site Address: **930 Springtown Blvd.** Event Date: 8/24/10 (inclusive)

City: **Livermore, CA** Sampler: KE

Well ID **MW- 15** Date Monitored: 8/24/10

Well Diameter **4** in.

Total Depth 45.95 ft.

Depth to Water 10.81 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.

35.14 xVF .606 = 23.1 x3 case volume = Estimated Purge Volume: 69.5 gal.

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

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): 0850 Weather Conditions: Sunny

Sample Time/Date: 0935 / 8/24/10 Water Color: Clear Odor: Y / (N)

Approx. Flow Rate: 2 gpm. Sediment Description: Clear

Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 12.92

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0900	20	7.86	1441	21.5		
0910	40	7.80	1435	20.7		
0925	70	7.77	1425	20.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 15	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #211253** Job Number: **385867**

Site Address: **930 Springtown Blvd.** Event Date: 8/24/10 (inclusive)

City: **Livermore, CA** Sampler: KE

Well ID **MW-16** Date Monitored: 8/24/10

Well Diameter 4 in.

Total Depth 29.12 ft.

Depth to Water 11.07 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.

18.05 xVF .66 = 11.9 x3 case volume = Estimated Purge Volume: 35.7 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.68

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): 0800 Weather Conditions: Sunny

Sample Time/Date: 0830 / 8/24/10 Water Color: Clear Odor: Y (N)

Approx. Flow Rate: 2 gpm. Sediment Description: Clear

Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 12.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature ((C) F)	D.O. (mg/L)	ORP (mV)
0806	12	7.00	1146	20.9		
0812	24	6.95	1153	20.4		
0818	36	6.88	1162	19.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-16	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. #: _____ Sample # _____ Group #: 018619

Facility #: SS#211253-OML G-R#385867 Global ID#
930 SPRINGTOWN BLVD., LIVERMORE, CA
Site Address:
Chevron PM: IR CRAHK Hoey
Lead Consultant: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant/Office: Deanna L. Harding (deanna@grinc.com)
Consultant Prj. Mgr.:
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: Kyle Fuhland

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: 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 ____ Method	Total Lead ____ Method	Dissolved Lead ____ Method
QA	8/24/10		X			X		2	X	X					
mw-9		1045	X			X		6	X	X					
mw-10		1015	X			X		6	X	X					
mw-11		1110	X			X		6	X	X					
mw-12		1245	X			X		6	X	X					
mw-13		1200	X			X		6	X	X					
mw-15		0935	X			X		6	X	X					
mw-16		0830	X			X		6	X	X					

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

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

	Date	Time		Date	Time
Relinquished by:	8/24/10	1430	Received by: GETTLER-RYAN FRIDGE 08-24-10		1430
Relinquished by:	08-26-10	1115	Received by:	8/26/10	1115
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	Date	Time
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

Lancaster Laboratories

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Analysis 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

September 03, 2010

Project: 211253

Submittal Date: 08/27/2010
Group Number: 1209394
PO Number: 0015060774
Release Number: ROBB
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-100824 NA Water	6071140
MW-9-W-100824 Grab Water	6071141
MW-10-W-100824 Grab Water	6071142
MW-11-W-100824 Grab Water	6071143
MW-12-W-100824 Grab Water	6071144
MW-13-W-100824 Grab Water	6071145
MW-15-W-100824 Grab Water	6071146
MW-16-W-100824 Grab Water	6071147

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	CRA	Attn: Kiersten Hoey

Lancaster Laboratories

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

Analysis Report

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

Respectfully Submitted,

Sarah M. Snyder
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: QA-T-100824 NA Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 QA

LLI Sample # WW 6071140
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLQA-

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	D102431AA	08/31/2010 12:42	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D102431AA	08/31/2010 12:42	Ginelle L Feister	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/30/2010 15:53	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/30/2010 15:53	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-9-W-100824 Grab Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 MW-9

LLI Sample # WW 6071141
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010 10:45 by KE

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLMW9

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	6	0.5	1
10943	Ethylbenzene	100-41-4	180	5	10
10943	Toluene	108-88-3	8	0.5	1
10943	Xylene (Total)	1330-20-7	79	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	3,500	250	5

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	F102442AA	09/01/2010 15:21	Anita M Dale	1
10943	BTEX 8260B Water	SW-846 8260B	1	F102444AA	09/02/2010 01:32	Kelly E Keller	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F102442AA	09/01/2010 15:21	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F102444AA	09/02/2010 01:32	Kelly E Keller	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/31/2010 01:01	Tyler O Griffin	5
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/31/2010 01:01	Tyler O Griffin	5

Lancaster Laboratories

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Analysis Report

Sample Description: MW-10-W-100824 Grab Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 MW-10

LLI Sample # WW 6071142
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010 10:15 by KE

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLM10

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	2	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.	1,300	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	F102442AA	09/01/2010 15:43	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F102442AA	09/01/2010 15:43	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/30/2010 21:00	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/30/2010 21:00	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-11-W-100824 Grab Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 MW-11

LLI Sample # WW 6071143
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010 11:10 by KE

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLM11

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	6	0.5	1
10943	Ethylbenzene	100-41-4	9	0.5	1
10943	Toluene	108-88-3	2	0.5	1
10943	Xylene (Total)	1330-20-7	5	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	2,000	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	F102442AA	09/01/2010 08:33	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F102442AA	09/01/2010 08:33	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/30/2010 21:21	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/30/2010 21:21	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-12-W-100824 Grab Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 MW-12

LLI Sample # WW 6071144
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010 12:45 by KE

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLM12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	210	5	10
10943	Ethylbenzene	100-41-4	330	5	10
10943	Toluene	108-88-3	650	5	10
10943	Xylene (Total)	1330-20-7	1,900	5	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	18,000	250	5

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	F102442AA	09/01/2010 09:16	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F102442AA	09/01/2010 09:16	Anita M Dale	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/30/2010 22:28	Tyler O Griffin	5
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/30/2010 22:28	Tyler O Griffin	5

Lancaster Laboratories

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Analysis Report

Sample Description: MW-13-W-100824 Grab Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 MW-13

LLI Sample # WW 6071145
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010 12:00 by KE

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLM13

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	810	5	10
10943	Ethylbenzene	100-41-4	76	5	10
10943	Toluene	108-88-3	710	5	10
10943	Xylene (Total)	1330-20-7	660	5	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	13,000	250	5

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	F102442AA	09/01/2010 09:59	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F102442AA	09/01/2010 09:59	Anita M Dale	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/30/2010 22:50	Tyler O Griffin	5
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/30/2010 22:50	Tyler O Griffin	5

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Analysis Report

Sample Description: MW-15-W-100824 Grab Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 MW-15

LLI Sample # WW 6071146
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010 09:35 by KE

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLM15

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	F102442AA	09/01/2010 07:29	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F102442AA	09/01/2010 07:29	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/30/2010 21:43	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/30/2010 21:43	Marie D John	1

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Analysis Report

Sample Description: MW-16-W-100824 Grab Water
Facility# 211253 Job# 385867 GRD
930 Springtown-Livermore T0600101353 MW-16

LLI Sample # WW 6071147
LLI Group # 1209394
Account # 10904

Project Name: 211253

Collected: 08/24/2010 08:30 by KE

Submitted: 08/27/2010 09:00
Reported: 09/03/2010 12:56
Discard: 10/04/2010

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SLM16

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.	68	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	F102442AA	09/01/2010 07:08	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F102442AA	09/01/2010 07:08	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10242B20A	08/30/2010 22:06	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10242B20A	08/30/2010 22:06	Marie D John	1

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1209394
Reported: 09/03/10 at 12:56 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D102431AA	Sample number(s): 6071140							
Benzene	N.D.	0.5	ug/l	102		79-120		
Ethylbenzene	N.D.	0.5	ug/l	106		79-120		
Toluene	N.D.	0.5	ug/l	105		79-120		
Xylene (Total)	N.D.	0.5	ug/l	109		80-120		
Batch number: F102442AA	Sample number(s): 6071141-6071147							
Benzene	N.D.	0.5	ug/l	89		79-120		
Ethylbenzene	N.D.	0.5	ug/l	89		79-120		
Toluene	N.D.	0.5	ug/l	88		79-120		
Xylene (Total)	N.D.	0.5	ug/l	86		80-120		
Batch number: F102444AA	Sample number(s): 6071141							
Ethylbenzene	N.D.	0.5	ug/l	83		79-120		
Batch number: 10242B20A	Sample number(s): 6071140-6071147							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	100	75-135	0	30

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: D102431AA	Sample number(s): 6071140 UNSPK: P071139								
Benzene	109	100	80-126	9	30				
Ethylbenzene	120	109	71-134	8	30				
Toluene	111	102	80-125	9	30				
Xylene (Total)	117	108	79-125	9	30				
Batch number: F102442AA	Sample number(s): 6071141-6071147 UNSPK: 6071146								
Benzene	93	96	80-126	3	30				
Ethylbenzene	92	95	71-134	3	30				
Toluene	92	95	80-125	3	30				
Xylene (Total)	90	92	79-125	2	30				
Batch number: F102444AA	Sample number(s): 6071141 UNSPK: P071213								
Ethylbenzene	98	97	71-134	1	30				
Batch number: 10242B20A	Sample number(s): 6071140-6071147 UNSPK: P069486								
TPH-GRO N. CA water C6-C12	124		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: 1209394
Reported: 09/03/10 at 12:56 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: D102431AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6071140	98	98	98	100
Blank	99	97	99	100
LCS	99	99	99	102
MS	98	100	100	103
MSD	97	97	100	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F102442AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6071141	101	100	103	101
6071142	99	101	101	98
6071143	100	99	101	98
6071144	100	98	102	98
6071145	100	99	100	94
6071146	102	101	99	91
6071147	99	97	99	94
Blank	102	101	99	93
LCS	101	99	99	97
MS	102	101	98	96
MSD	99	100	99	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F102444AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	99	99	99	93
LCS	100	100	100	97
MS	101	103	101	97
MSD	100	101	99	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10242B20A

	Trifluorotoluene-F
6071140	91
6071141	103
6071142	125
6071143	159*
6071144	155*
6071145	133

*- 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.

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Quality Control Summary

Client Name: Chevron Group Number: 1209394
Reported: 09/03/10 at 12:56 PM

Surrogate Quality Control

6071146	91
6071147	93
Blank	90
LCS	114
LCSD	112
MS	130
Limits:	63-135

*- 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

Lancaster Laboratories 082610-03

For Lancaster Laboratories use only
Acct. #: 10904 Sample # 6071140-47 Group #: 018619

Grp #1209394

Facility #: SS#211253-OML G-R#385867 Global ID#
Site Address: 930 SPRINGTOWN BLVD., LIVERMORE, CA
Chevron PM: IR Lead Consultant: CRAHK Hoey
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: Kyle Fo blanc

Analyses Requested / Preservation Codes: H H

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air	Total Number of Containers	BTEX 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method					
QA	8/24/10		X			X		2	X	X										
mw-9	↓	1045	X			X		6	X	X										
mw-10		1015	X			X		6	X	X										
mw-11		1110	X			X		6	X	X										
mw-12		1245	X			X		6	X	X										
mw-13		1200	X			X		6	X	X										
mw-15		0935	X			X		6	X	X										
mw-16	↓	0830	X			X		6	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

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

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]	8/24/10	1430	GETTLER-RYAN FRIDGE	08-24-10	1430
[signature]	08-26-10	1115	[signature]	8/26/10	1115
A. Sanjor	26AUG10	1630	FEDEX		
Relinquished by Commercial Carrier: UPS (FedEx) Other ______			[signature]	8/27/10	0900
Temperature Upon Receipt 0.9-3.4 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.

4804.01 (north) Rev. 10/12/06

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

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

ppb parts per billion

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

ATTACHMENT C

HISTORICAL GROUNDWATER MONITORING AND SAMPLING DATA

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station #211253

930 Springtown Boulevard

Livermore, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW-9										
07/23/09[1]	523.14	13.00	510.14	0.00	0.00	5,200	4	5	310	100
11/09/09	523.14	12.70	510.44	0.00	0.00	240	4	4	2	5
02/22/10	523.14	11.93	511.21	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5
05/24/10	**523.14**	**12.22**	**510.92**	**0.00**	**0.00**	**6,200**	**9**	**5**	**470**	**110**
MW-10										
07/23/09[1]	522.76	12.59	510.17	0.00	0.00	16,000	220	440	440	660
11/09/09	522.76	12.30	510.46	0.00	0.00	2,800	1	2[3]	30	30
02/22/10	522.76	11.52	511.24	0.00	0.00	3,600	9	2	61	10
05/24/10	**522.76**	**11.82**	**510.94**	**0.00**	**0.00**	**3,000**	**12**	**3**	**110**	**22**
MW-11										
07/23/09[1]	523.25	13.05	510.20	0.00	0.00	5,400	25	28	62	66
11/09/09	523.25	12.73	510.52	0.00	0.00	1,100	3	0.6[3]	2	2
02/22/10	523.25	11.96	511.29	0.00	0.00	1,400	2	<0.5	5	0.9
05/24/10	**523.25**	**12.27**	**510.98**	**0.00**	**0.00**	**1,700**	**1**	**<0.5**	**10**	**0.6**
MW-12										
07/23/09[1]	523.42	13.03	510.41**	0.02	5.01[2]	48,000	340	3,100	1,300	7,600
11/09/09	523.42	12.78	510.64	0.00	0.00	18,000	290	560	22	3,100
02/22/10	523.42	12.13	511.29	0.00	0.00	14,000	190	590	310	1,400
05/24/10	**523.42**	**12.38**	**511.04**	**0.00**	**0.00**	**17,000**	**150**	**530**	**320**	**1,400**
MW-13										
07/23/09[1]	523.12	12.75	510.37	0.00	0.00	52,000	760	6,200	980	13,000
11/09/09	523.12	12.51	510.61	0.00	0.00	12,000	340	1,300	16	1,700
02/22/10	523.12	11.87	511.25	0.00	0.00	13,000	630	600	22	960
05/24/10	**523.12**	**12.10**	**511.02**	**0.00**	**0.00**	**15,000**	**950**	**670**	**130**	**790**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station #211253

930 Springtown Boulevard

Livermore, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW-14										
07/23/09[1]	520.88	10.40	510.48	0.00	0.00	8,400	230	460	180	670
11/09/09	520.88	10.11	510.77	0.00	0.00	23,000	1,800	1,900	750	2,600
02/22/10	520.88	9.37	511.51	0.00	0.00	48,000	3,600	7,900	2,100	9,400
05/24/10	**520.88**	**9.88**	**511.25****	**0.31**	**0.00**	**NOT SAMPLED DUE TO THE PRESENCE OF SPH**				**--**
MW-15										
07/23/09[1]	520.87	10.33	510.54	0.00	0.00	2,500	6	17	16	320
11/09/09	520.87	10.18	510.69	0.00	0.00	20,000	110	590	370	4,900
02/22/10	520.87	9.48	511.39	0.00	0.00	66	<0.5	3	1	6
05/24/10	**520.87**	**9.83**	**511.04**	**0.00**	**0.00**	**70**	**1**	**8**	**1**	**8**
MW-16										
07/23/09[1]	520.50	10.63	509.87	0.00	0.00	430	0.6	<0.5	<0.5	<0.5
11/09/09	520.50	10.31	510.19	0.00	0.00	180	<0.5	<0.5	<0.5	<0.5
02/22/10	520.50	9.63	510.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5
05/24/10	**520.50**	**9.88**	**510.62**	**0.00**	**0.00**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
QA										
07/23/09	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
11/09/09	--	--	--	--	--	<50	<0.5	1[4]	<0.5	<0.5
02/22/10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5
05/24/10	--	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station #211253
930 Springtown Boulevard
Livermore, California

EXPLANATIONS:

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

* TOC elevations were surveyed on July 22, 2009, by Morrow Surveying. Vertical datum is NAVD 88 from GPS Observations.

** GWE has been corrected due to the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.80)].

ANALYTICAL METHODS:

TPH-GRO analyzed by EPA Method 8015
BTEX analyzed by EPA Method 8260

[1] Well development preformed.

[2] Product + water removed.

[3] The Laboratory report indicates the result reported for toluene in this sample may be attributed to trace amounts of toluene recently found in HCl preserved vials from the manufacturer. The trip blank associated with this sample had a trace toluene detection of 1 ug/l. Please refer to the letter accompanying the lab report for further explanation.

[4] The Laboratory report indicates the result reported for toluene in this trip blank may be attributed to trace amounts of toluene recently found in HCl preserved vials from the manufacturer. Please refer to the letter accompanying the lab report for further explanation.