



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

**Chevron Environmental
Management Company**
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6692
ericf@chevron.com

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

Re: Former Chevron Service Station No. 9-9708
5910 MacArthur Boulevard
Oakland, California
RO0124

RECEIVED

9:02 am, Jul 28, 2011

Alameda County
Environmental Health

I accept the **First Semi-Annual 2011 Groundwater Monitoring Report** dated July 25, 2011.

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Eric Frohnapple".

Eric Frohnapple, P.E.
Project Manager

Attachment: First Semi-Annual 2011 Groundwater Monitoring Report



**CONESTOGA-ROVERS
& ASSOCIATES**

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

July 25, 2011

Reference No. 311972

Mr. Mark Detterman
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: First Semi-Annual 2011
Groundwater Monitoring and Sampling Report
Former Chevron Service Station 9-9708
5910 MacArthur Boulevard
Oakland, California
Fuel Leak Case No. RO0000124

Dear Mr. Mark Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *First Semi-Annual 2011 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Gettler-Ryan Inc. (G-R) of Dublin, California and their June 20, 2011 *Groundwater Monitoring and Sampling Data Package* is presented as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' June 23, 2011 *Analytical Results* is included as Attachment B. Historical groundwater monitoring and sampling data are included as Attachment C.

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**CONESTOGA-ROVERS
& ASSOCIATES**

July 25, 2011

Reference No. 311972

- 2 -

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Kiersten Hoey

Brandon S. Wilken, PG 7564

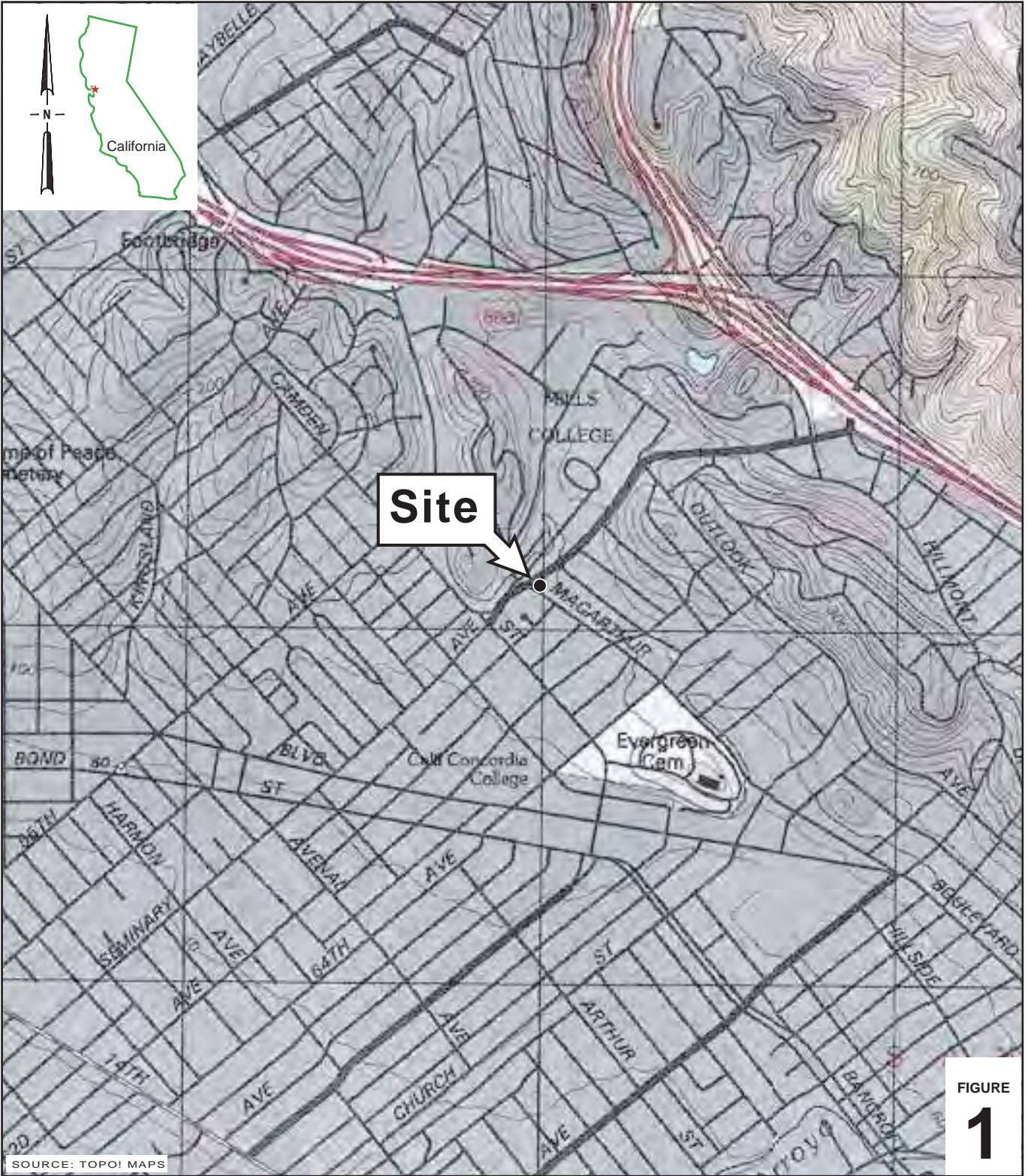


KH/aa/8
Encl.

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

cc: Mr. Eric Frohnapple, Chevron
Mr. Nisson Saidion, Property Owner

FIGURES



I:\Chevron\3119--\311972-9-9708 Oakland\311972-PRE-SEPTEMBER 2008\Figures\311972-VMAP.A1

SOURCE: TOPOI MAPS

FIGURE 1

0 1/8 1/4 1/2 1
SCALE : 1" = 1/4 MILE

Former Chevron Service Station 9-9708
5910 Mac Arthur Boulevard
Oakland, California



CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

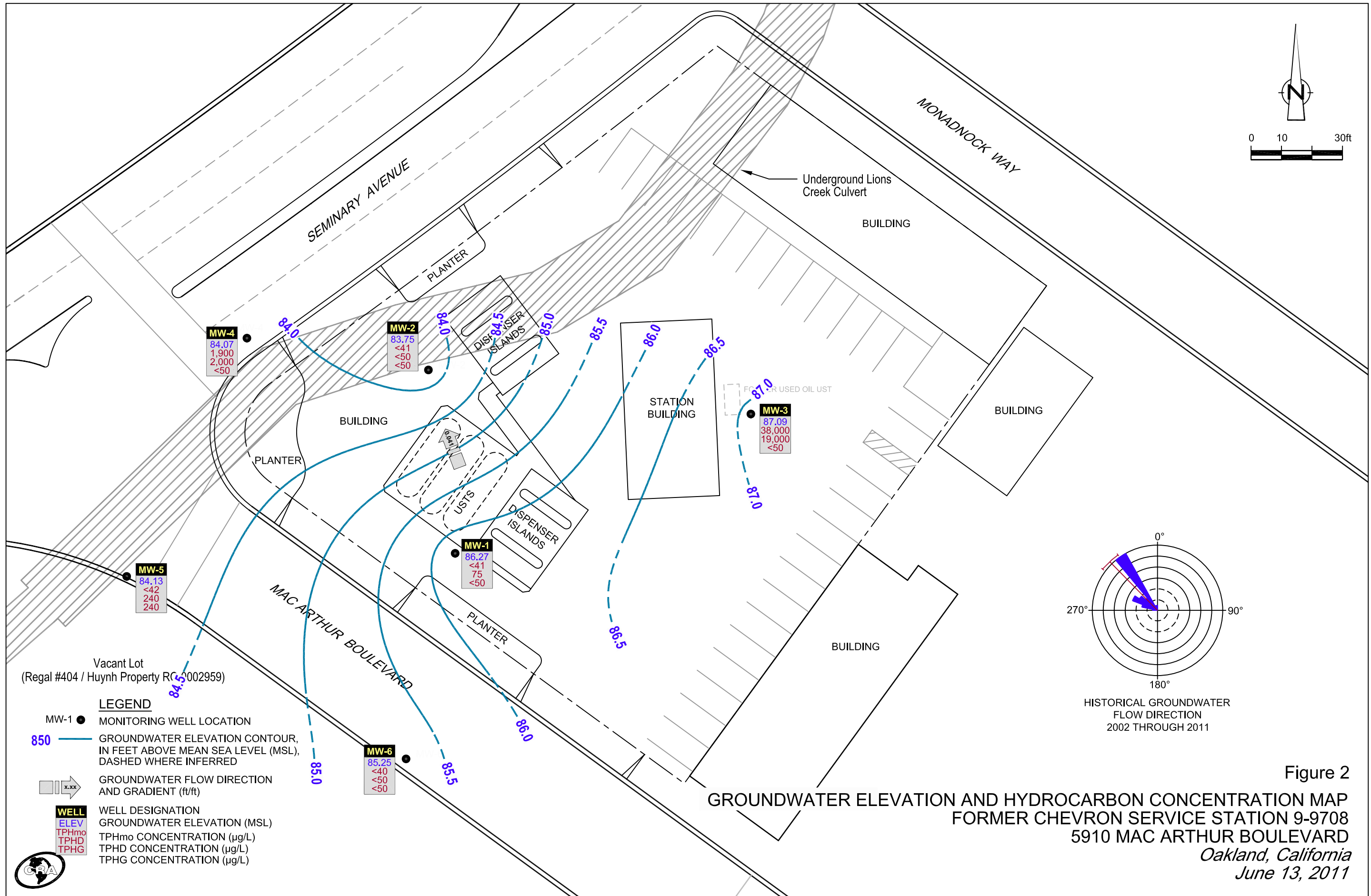


Figure 2
GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
 FORMER CHEVRON SERVICE STATION 9-9708
 5910 MAC ARTHUR BOULEVARD
 Oakland, California
 June 13, 2011

TABLE

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 9-9708
 5910 MACARTHUR BOULEVARD
 OAKLAND, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS				PRIMARY VOCS					METALS					PESTICIDES/PCBs												
					TPH-MO	TPH-MO w/ Si Gel	TPH-DRO w/ Si Gel	TPH-GRO	B	T	E	X	MTBE by SW8260	Ethanol	Cadmium (Dissolved)	Chromium Total (Dissolved)	Lead (Dissolved)	Nickel (Dissolved)	Zinc (Dissolved)	Aroclor-1016 (PCB-1016)	Aroclor-1221 (PCB-1221)	Aroclor-1232 (PCB-1232)	Aroclor-1242 (PCB-1242)	Aroclor-1248 (PCB-1248)	Aroclor-1254 (PCB-1254)	Aroclor-1260 (PCB-1260)	Aroclor-1262 (PCB-1262)	Aroclor-1268 (PCB-1268)			
Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
MW-1	12/08/2010	97.52	10.41	87.11	<39	-	-	60	<0.5	<0.5	<0.5	<0.5	14	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	06/13/2011	97.52	11.25	86.27	-	<41	75	<50	<0.5	<0.5	<0.5	<0.5	13	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	12/08/2010	97.81	13.88	83.93	190	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2	06/13/2011	97.81	14.06	83.75	-	<41	<50	<50	<0.5	<0.5	<0.5	<0.5	1	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-3	12/08/2010	98.78	12.96	85.82	4,000	-	7,300	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2.0	<3.4	<6.9	6.0	<8.1	<0.10	<0.10	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.16	-	
MW-3	06/13/2011	98.78	11.69	87.09	-	38,000	19,000	<50	<0.5	2	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	12/08/2010	97.14	14.13	83.01	190	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	06/13/2011	97.14	13.07	84.07	-	1,900	2,000	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/08/2010	95.71	11.53	84.18	14,000	-	-	320	<0.5	<0.5	<0.5	<0.5	2	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	06/13/2011	95.71	11.58	84.13	-	<42	240	240	<0.5	<0.5	<0.5	<0.5	0.9	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	12/08/2010	95.84	9.96	85.88	520	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	06/13/2011	95.84	10.59	85.25	-	<40	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QA	12/08/2010	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QA	06/13/2011	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA**

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-MO = Total Petroleum Hydrocarbons - Motor Oil

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

VOCS = Volatile Organic Compounds

PCB = Polychlorinated Biphenyls

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene

MTBE = Methyl tert butyl ether

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was the City of Oakland benchmark being a cut square in the top of curb, at the curb return at the northeast corner of College Avenue and

ATTACHMENT A

MONITORING DATA PACKAGE




TRANSMITTAL

June 20, 2011

G-R #386395

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

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

RE: **Chevron Service Station**
#9-9708
5910 MacArthur Boulevard
Oakland, California
RO 0000124

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package First Semi-Annual Event of June 13, 2011

COMMENTS:

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

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

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

trans/9-9708

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-9708
 Site Address: 5910 Macarthur Blvd.
 City: Oakland, CA

Job # 386395
 Event Date: 6-13-11
 Sampler: Joe

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

Comments MW-3 can no longer be secured properly. Unable to install plug + padlock.
TOC extends too far due to rapidly sinking box.

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 #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-13-11 (inclusive)
 City: Oakland, CA Sampler: Soe

Well ID: MW-1 Date Monitored: 6-13-11

Well Diameter: 2 in.

Total Depth: 20.24 ft.

Depth to Water: 11.25 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 than 0.50 ft.

8.99 xVF 0.17 = 1.53 x3 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.04

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Metal Filters _____
 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: _____

Start Time (purge): 0845 Weather Conditions: clear
 Sample Time/Date: 0915 6-13-11 Water Color: clear Odor: Y:1(N)
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.06

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 1(S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0851</u>	<u>1.5</u>	<u>7.14</u>	<u>674</u>	<u>18.4</u>		
<u>0857</u>	<u>3</u>	<u>7.22</u>	<u>676</u>	<u>18.6</u>		
<u>0903</u>	<u>5</u>	<u>7.19</u>	<u>671</u>	<u>18.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO 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 #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-13-11 (inclusive)
 City: Oakland, CA Sampler: Jor

Well ID: MW-2 Date Monitored: 6-13-11

Well Diameter: 2 in.

Total Depth: 20.25 ft.

Depth to Water: 14.06 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 than 0.50 ft.

6.19 xVF 0.17 = 1.05 x3 case volume = Estimated Purge Volume: 3.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.29

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Metal Filters _____
 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: _____

Start Time (purge): 0935 Weather Conditions: clear
 Sample Time/Date: 1000 / 6-13-11 Water Color: clear Odor: Y10
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 14.53

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0938</u>	<u>1</u>	<u>7.11</u>	<u>798</u>	<u>19.0</u>		
<u>0943</u>	<u>2</u>	<u>7.16</u>	<u>812</u>	<u>18.6</u>		
<u>0948</u>	<u>3.5</u>	<u>7.25</u>	<u>818</u>	<u>18.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</u>
	<u>2x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-MO w/sgc (8015)</u>

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: 3



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-13-11 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-3 Date Monitored: 6-13-11
 Well Diameter: 2 in.
 Total Depth: 20.15 ft.
 Depth to Water: 11.69 ft. Check if water column is less than 0.50 ft.
8.46 xVF 0.17 = 1.44 x3 case volume = Estimated Purge Volume: 4.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.38

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

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

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Metal Filters _____
 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: _____

Start Time (purge): 1010 Weather Conditions: clear
 Sample Time/Date: 1040 16-13-11 Water Color: clear Odor: (Y)IN strong
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.15

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm @ 25°C)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>1016</u>	<u>1.5</u>	<u>6.93</u>	<u>518</u>	<u>18.5</u>		
<u>1022</u>	<u>3</u>	<u>6.90</u>	<u>514</u>	<u>19.3</u>		
<u>1030</u>	<u>4.5</u>	<u>6.84</u>	<u>511</u>	<u>19.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2</u> x 1 liter ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-MO w/sgc (8015)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-13-11 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-4 Date Monitored: 6-13-11
 Well Diameter: 2 in.
 Total Depth: 19.65 ft.
 Depth to Water: 13.07 ft. Check if water column is less than 0.50 ft.
6.58 x VF 0.17 = 1.12 x3 case volume = Estimated Purge Volume: 3.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.38

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

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

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Metal Filters _____
 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: _____

Start Time (purge): 0735 Weather Conditions: clear
 Sample Time/Date: 0800 / 6-13-11 Water Color: clear Odor: Y10
 Approx. Flow Rate: - gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.49

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>TS</u>)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>0740</u>	<u>1</u>	<u>7.38</u>	<u>1051</u>	<u>18.9</u>		
<u>0744</u>	<u>2.5</u>	<u>7.43</u>	<u>1042</u>	<u>19.0</u>		
<u>0750</u>	<u>3.5</u>	<u>7.36</u>	<u>1049</u>	<u>19.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc (8015)</u>
	<u>2</u> x 1 liter ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-MO w/sgc (8015)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-13-11 (inclusive)
 City: Oakland, CA Sampler: Free

Well ID: MW-5
 Well Diameter: 2 in.
 Total Depth: 18.75 ft.
 Depth to Water: 11.58 ft.
7.17 xVF = 0.17 = 1.22

Date Monitored: 6-13-11

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.01 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer /
 Pressure Bailer _____
 Metal Filters _____
 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: _____

Start Time (purge): 0808 Weather Conditions: clear
 Sample Time/Date: 0835 16-13-11 Water Color: clear Odor: 01N strong
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.17

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>0815</u>	<u>1</u>	<u>6.62</u>	<u>543</u>	<u>18.4</u>		
<u>0820</u>	<u>2.5</u>	<u>6.57</u>	<u>551</u>	<u>18.7</u>		
<u>0826</u>	<u>4</u>	<u>6.65</u>	<u>554</u>	<u>18.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO 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 #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-13-11 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-6 Date Monitored: 6-13-11
 Well Diameter: 2 in.
 Total Depth: 18.85 ft.
 Depth to Water: 10.59 ft. Check if water column is less than 0.50 ft.
8.26 xVF 0.17 = 1.40 x3 case volume = Estimated Purge Volume: 9.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.24

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

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

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Metal Filters _____
 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: _____

Start Time (purge): 0645 Weather Conditions: clear
 Sample Time/Date: 0715 6-13-11 Water Color: clear Odor: Y1(N)
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 11.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0650</u>	<u>1.5</u>	<u>6.96</u>	<u>904</u>	<u>19.2</u>	_____	_____
<u>0659</u>	<u>3</u>	<u>7.18</u>	<u>867</u>	<u>19.7</u>	_____	_____
<u>0705</u>	<u>4.5</u>	<u>7.31</u>	<u>856</u>	<u>19.4</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	6 x vov vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc (8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc (8015)

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Acct. #: _____ Sample # _____ Group #: **006431**

Facility #: <u>SS#9-9708-OML G-R#386395 Global ID#T0600102093</u> Site Address: <u>5910 MACARTHUR BLVD., OAKLAND, CA</u> Chevron PM: <u>TB</u> Lead Consultant: <u>CRAHK Hoey</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>JOE AJEMIAN</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		Analyses Requested Preservation Codes										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits								
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	Comments / Remarks Please forward the lab results directly to the Lead Consultant and cc: G-R.			
QA			✓			✓			2	✓	✓									Ethanol (8260)			TPH-M(8015) W/Syc	
MW-1	6-13-11	0915							10	✓	✓	✓								✓			✓	
MW-2	↓	1000							10	✓	✓	✓								✓			✓	
MW-3	↓	1040							10	✓	✓	✓								✓			✓	
MW-4	↓	0800							10	✓	✓	✓								✓			✓	
MW-5	↓	0835							10	✓	✓	✓								✓			✓	
MW-6	↓	0715	✓			✓			10	✓	✓	✓								✓			✓	
Turnaround Time Requested (TAT) (please circle)			Relinquished by: _____ Date: <u>6-13-11</u>					Time: <u>1130</u>		Received by: _____		Date: <u>6/13/11</u>		Time: <u>1130</u>										
8TD-TAT 72 hour 48 hour 24 hour 4 day 5 day			Relinquished by: _____ Date: _____					Time: _____		Received by: _____		Date: _____		Time: _____										
Data Package Options (please circle if required)			Relinquished by: _____ Date: _____					Time: _____		Received by: _____		Date: _____		Time: _____										
QC Summary Type I - Full EDF/EDD Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk			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

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

June 23, 2011

Project: 99708

Submittal Date: 06/14/2011
Group Number: 1251250
PO Number: 0015075227
Release Number: FROHNAPPLE
State of Sample Origin: CA

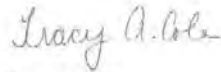
<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
QA-T-110613 NA Water	6314501
MW-1-W-110613 Grab Water	6314502
MW-2-W-110613 Grab Water	6314503
MW-3-W-110613 Grab Water	6314504
MW-4-W-110613 Grab Water	6314505
MW-5-W-110613 Grab Water	6314506
MW-6-W-110613 Grab Water	6314507

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

ELECTRONIC COPY TO	CRA c/o Gettler-Ryan	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina
ELECTRONIC COPY TO	CRA	Attn: Kiersten Hoey

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

Respectfully Submitted,



Tracy A. Cole
Senior Specialist



Analysis Report

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

Page 1 of 1

Sample Description: QA-T-110613 NA Water
Facility# 99708 Job# 386395 GRD
5910 Macarthur-Oakland T0600102093 QA

LLI Sample # WW 6314501
LLI Group # 1251250
Account # 10904

Project Name: 99708

Collected: 06/13/2011

Chevron

Submitted: 06/14/2011 10:05

6001 Bollinger Canyon Rd L4310

Reported: 06/23/2011 13:49

San Ramon CA 94583

9708Q

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	Methyl Tertiary Butyl Ether	1634-04-4	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/MTBE 8260 Water	SW-846 8260B	1	Z111683AA	06/18/2011 05:01	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z111683AA	06/18/2011 05:01	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11167B07A	06/18/2011 12:34	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11167B07A	06/18/2011 12:34	Laura M Krieger	1



Analysis Report

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

Sample Description: MW-1-W-110613 Grab Water
Facility# 99708 Job# 386395 GRD
5910 Macarthur-Oakland T0600102093 MW-1

LLI Sample # WW 6314502
LLI Group # 1251250
Account # 10904

Project Name: 99708

Collected: 06/13/2011 09:15 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/14/2011 10:05

Reported: 06/23/2011 13:49

97081

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	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	13	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B			ug/l	ug/l	
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	75	50	1
GC Extractable TPH SW-846 8015B modified			ug/l	ug/l	
w/Si Gel					
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	41	1
10006	Total TPH w/Si Gel	n.a.	N.D.	41	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	UST VOCs by 8260B - Water	SW-846 8260B	1	Z111683AA	06/17/2011 23:01	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z111683AA	06/17/2011 23:01	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11167B07A	06/18/2011 16:26	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11167B07A	06/18/2011 16:26	Laura M Krieger	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111670034A	06/18/2011 17:55	Glorines Suarez-Rivera	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	111670022A	06/18/2011 18:45	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	2	111670034A	06/18/2011 04:00	Sherry L Morrow	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	111670022A	06/17/2011 09:00	Olivia I Santiago	1



Analysis Report

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

Sample Description: MW-2-W-110613 Grab Water
Facility# 99708 Job# 386395 GRD
5910 Macarthur-Oakland T0600102093 MW-2

LLI Sample # WW 6314503
LLI Group # 1251250
Account # 10904

Project Name: 99708

Collected: 06/13/2011 10:00 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/14/2011 10:05

Reported: 06/23/2011 13:49

97082

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	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	1	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B			ug/l	ug/l	
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B modified			ug/l	ug/l	
w/Si Gel					
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	41	1
10006	Total TPH w/Si Gel	n.a.	N.D.	41	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	UST VOCs by 8260B - Water	SW-846 8260B	1	Z111683AA	06/17/2011 23:25	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z111683AA	06/17/2011 23:25	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11167B07A	06/18/2011 16:51	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11167B07A	06/18/2011 16:51	Laura M Krieger	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111670034A	06/18/2011 19:41	Glorines Suarez-Rivera	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	111670022A	06/18/2011 19:30	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	2	111670034A	06/18/2011 04:00	Sherry L Morrow	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	111670022A	06/17/2011 09:00	Olivia I Santiago	1



Analysis Report

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

Sample Description: MW-3-W-110613 Grab Water
Facility# 99708 Job# 386395 GRD
5910 Macarthur-Oakland T0600102093 MW-3

LLI Sample # WW 6314504
LLI Group # 1251250
Account # 10904

Project Name: 99708

Collected: 06/13/2011 10:40 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/14/2011 10:05

Reported: 06/23/2011 13:49

97083

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	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	2	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B			ug/l	ug/l	
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	19,000	180	5
GC Extractable TPH SW-846 8015B modified			ug/l	ug/l	
w/Si Gel					
10006	Motor Oil C16-C36 w/Si Gel	n.a.	38,000	800	20
10006	Total TPH w/Si Gel	n.a.	38,000	800	20

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	UST VOCs by 8260B - Water	SW-846 8260B	1	Z111683AA	06/17/2011 23:49	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z111683AA	06/17/2011 23:49	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11167B07A	06/18/2011 17:17	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11167B07A	06/18/2011 17:17	Laura M Krieger	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111670034A	06/18/2011 23:29	Glorines Suarez-Rivera	5
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	111670022A	06/20/2011 14:10	Heather E Williams	20
11180	Low Vol Ext(W) w/SG	SW-846 3510C	2	111670034A	06/18/2011 04:00	Sherry L Morrow	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	111670022A	06/17/2011 09:00	Olivia I Santiago	1



Analysis Report

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

Sample Description: MW-4-W-110613 Grab Water
Facility# 99708 Job# 386395 GRD
5910 Macarthur-Oakland T0600102093 MW-4

LLI Sample # WW 6314505
LLI Group # 1251250
Account # 10904

Project Name: 99708

Collected: 06/13/2011 08:00 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/14/2011 10:05

Reported: 06/23/2011 13:49

97084

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	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B			ug/l	ug/l	
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	2,000	50	1
GC Extractable TPH SW-846 8015B modified			ug/l	ug/l	
w/Si Gel					
10006	Motor Oil C16-C36 w/Si Gel	n.a.	1,900	40	1
10006	Total TPH w/Si Gel	n.a.	1,900	40	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	UST VOCs by 8260B - Water	SW-846 8260B	1	Z111683AA	06/18/2011 00:13	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z111683AA	06/18/2011 00:13	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11167B07A	06/18/2011 17:43	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11167B07A	06/18/2011 17:43	Laura M Krieger	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111670034A	06/18/2011 22:54	Glorines Suarez-Rivera	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	111670022A	06/18/2011 21:44	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	2	111670034A	06/18/2011 04:00	Sherry L Morrow	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	111670022A	06/17/2011 09:00	Olivia I Santiago	1



Analysis Report

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

Sample Description: MW-5-W-110613 Grab Water
Facility# 99708 Job# 386395 GRD
5910 Macarthur-Oakland T0600102093 MW-5

LLI Sample # WW 6314506
LLI Group # 1251250
Account # 10904

Project Name: 99708

Collected: 06/13/2011 08:35 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/14/2011 10:05

Reported: 06/23/2011 13:49

97085

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	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.9	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.	240	50	1
GC Extractable TPH SW-846 8015B			ug/l	ug/l	
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	240	50	1
GC Extractable TPH SW-846 8015B modified			ug/l	ug/l	
w/Si Gel					
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	42	1
10006	Total TPH w/Si Gel	n.a.	N.D.	42	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	UST VOCs by 8260B - Water	SW-846 8260B	1	Z111683AA	06/18/2011 00:36	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z111683AA	06/18/2011 00:36	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11167B07A	06/18/2011 18:09	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11167B07A	06/18/2011 18:09	Laura M Krieger	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111670034A	06/18/2011 22:01	Glorines Suarez-Rivera	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	111670022A	06/18/2011 20:14	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	2	111670034A	06/18/2011 04:00	Sherry L Morrow	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	111670022A	06/17/2011 09:00	Olivia I Santiago	1



Analysis Report

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

Sample Description: MW-6-W-110613 Grab Water
Facility# 99708 Job# 386395 GRD
5910 Macarthur-Oakland T0600102093 MW-6

LLI Sample # WW 6314507
LLI Group # 1251250
Account # 10904

Project Name: 99708

Collected: 06/13/2011 07:15 by JA

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/14/2011 10:05

Reported: 06/23/2011 13:49

97086

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	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B			ug/l	ug/l	
w/Si Gel					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
GC Extractable TPH SW-846 8015B modified			ug/l	ug/l	
w/Si Gel					
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.

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	UST VOCs by 8260B - Water	SW-846 8260B	1	Z111683AA	06/18/2011 01:00	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z111683AA	06/18/2011 01:00	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11169A07A	06/21/2011 09:59	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11169A07A	06/21/2011 09:59	Laura M Krieger	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111670034A	06/18/2011 19:23	Glorines Suarez-Rivera	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	111670022A	06/18/2011 20:59	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	2	111670034A	06/18/2011 04:00	Sherry L Morrow	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	111670022A	06/17/2011 09:00	Olivia I Santiago	1

Quality Control Summary

Client Name: Chevron

Group Number: 1251250

Reported: 06/23/11 at 01:49 PM

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: Z111683AA	Sample number(s): 6314501-6314507							
Benzene	N.D.	0.5	ug/l	106		79-120		
Ethanol	N.D.	50.	ug/l	119		54-149		
Ethylbenzene	N.D.	0.5	ug/l	106		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	107		76-120		
Toluene	N.D.	0.5	ug/l	110		79-120		
Xylene (Total)	N.D.	0.5	ug/l	107		80-120		
Batch number: 11167B07A	Sample number(s): 6314501-6314506							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: 11169A07A	Sample number(s): 6314507							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: 111670022A	Sample number(s): 6314502-6314507							
Motor Oil C16-C36 w/Si Gel	N.D.	40.	ug/l					
Total TPH w/Si Gel	N.D.	40.	ug/l	84	84	66-117	0	20
Batch number: 111670034A	Sample number(s): 6314502-6314507							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	91	84	52-126	9	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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: Z111683AA	Sample number(s): 6314501-6314507 UNSPK: P314486								
Benzene	115	117	80-126	1	30				
Ethanol	113	115	53-146	2	30				
Ethylbenzene	115	115	71-134	0	30				
Methyl Tertiary Butyl Ether	113	114	72-126	1	30				
Toluene	118	119	80-125	1	30				
Xylene (Total)	115	114	79-125	1	30				

Surrogate Quality Control

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

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 06/23/11 at 01:49 PM

Group Number: 1251250

Surrogate Quality Control

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z111683AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6314501	103	102	101	90
6314502	103	100	102	94
6314503	103	100	102	91
6314504	103	100	103	96
6314505	102	101	102	94
6314506	103	99	100	102
6314507	102	100	104	96
Blank	105	102	100	93
LCS	101	101	101	100
MS	102	101	102	101
MSD	103	103	101	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11167B07A
Trifluorotoluene-F

6314501	86
6314502	87
6314503	84
6314504	88
6314505	86
6314506	88
Blank	82
LCS	88
LCSD	93

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11169A07A
Trifluorotoluene-F

6314507	81
Blank	84
LCS	92
LCSD	91

Limits: 63-135

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 111670022A

	Chlorobenzene	Orthoterphenyl
6314502	124	92
6314503	72	88
6314504	52*	135*
6314505	63	86
6314506	74	91
6314507	73	86
Blank	76	89
LCS	76	98

*- 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: 06/23/11 at 01:49 PM

Group Number: 1251250

Surrogate Quality Control

LCSD	80	98
Limits:	59-128	70-122

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 111670034A
Orthoterphenyl

6314502	95
6314503	99
6314504	58*
6314505	101
6314506	98
6314507	100
Blank	99
LCS	97
LCSD	94

Limits: 59-131

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



0613 11-01

For Lancaster Laboratories use only

Acct. #: 10904 Sample # 6314501-07 Group #: 006431

1251250

Facility #: SS#9-9708-OML G-R#386395 Global ID#T0600102093
 Site Address: 5910 MACARTHUR BLVD., OAKLAND, CA
 Chevron PM: TB 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: JOE ASEMIAN

Sample Identification			Date/Time Collected		Matrix		Total Number of Containers		Analyses Requested										Preservative Codes	
									Preservation Codes										Preservative Codes	
Grab	Composite	Soil	Water	Oil	Air	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Total Lead	Dissolved Lead	Ethanol (8260)	TPH-M(8015) W/Sqe	H = HCl	T = Thiosulfate				
✓			✓			2	✓	✓												
						10	✓	✓					✓	✓						
						10	✓	✓					✓	✓						
						10	✓	✓					✓	✓						
						10	✓	✓					✓	✓						
						10	✓	✓					✓	✓						

- Preservative Codes**
- H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ 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			Relinquished by: <i>[Signature]</i> Date: 6-13-11 Time: 1130		Received by: <i>[Signature]</i> Date: 6/13/11 Time: 1130	
Data Package Options (please circle if required) QC Summary Type I - Full EDF/EDD Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk			Relinquished by: <i>[Signature]</i> Date: 6/13/11 Time: 1630		Received by: <i>[Signature]</i> Date: Time:	
			Relinquished by Commercial Carrier: UPS FedEx Other		Received by: <i>[Signature]</i> Date: 6/13/11 Time: 1805	
			Temperature Upon Receipt: 14.2°C		Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Explanation of Symbols and Abbreviations

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

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

U.S. EPA CLP Data Qualifiers:

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

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

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

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

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ATTACHMENT C

HISTORICAL GROUNDWATER MONITORING AND SAMPLING DATA

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCB◆ (µg/L)	1,2-DCA◆ (µg/L)	HVOCs◆ (µg/L)
MW-1														
05/29/97	96.61	84.41	12.20	--	--	--	--	--	--	--	--	--	--	--
06/04/97	96.61	84.40	12.21	--	380	58	1.2	5.4	40	85	--	--	--	--
09/16/97	96.61	83.84	12.77	--	420	120	<0.5	19	2.7	28	--	--	--	--
12/17/97	96.61	85.43	11.18	--	210 ¹	43	0.61	11	0.61	69	--	--	--	--
03/18/98	96.61	84.59	12.02	--	210 ¹	47	<0.5	8.2	<0.5	92	--	--	--	--
06/28/98	96.61	83.99	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	66	--	--	--	--
09/07/98	96.61	82.32	14.29	--	<50	6.7	<0.5	<0.5	<0.5	92	--	--	--	--
12/29/98	96.61	83.18	13.43	--	<100	<1.0	<1.0	2.24	1.14	278	--	--	--	--
03/11/99	96.61	83.80	12.81	--	110	<1.0	<1.0	7.95	<1.0	418	--	--	--	--
05/04/99	96.61	83.85	12.76	--	--	--	--	--	--	--	--	--	--	--
06/29/99	96.61	84.06	12.55	--	352	34.6	<2.5	51	<2.5	780	--	--	--	--
09/29/99	96.61	83.21	13.40	--	647	167	<2.5	58.6	14.8	1,570	--	--	--	--
12/08/99	96.61	85.70	10.91	--	481	121	1.16	17.9	11	3,910	--	--	--	--
03/01/00	96.61	85.46	11.15	--	2,580	481	6.84	86.6	41.9	5,460	--	--	--	--
06/23/00	96.61	83.68	12.93	--	900 ⁴	120	<5.0	22	6.7	5,400	--	--	--	--
09/30/00	96.61	83.07	13.54	--	1,300 ⁴	450	5.5	170	11	2,000	--	--	--	--
12/08/00	96.61	83.63	12.98	--	<1,000	41.7	<10.0	11.5	<10.0	6,030	--	--	--	--
03/01/01	96.61	84.94	11.67	--	340 ⁷	36.6	<0.500	10.1	<0.500	3,360	--	--	--	--
06/19/01	96.61	83.94	12.67	--	610 ⁴	110	<5.0	9.2	<5.0	110	--	--	--	--
09/18/01	96.61	83.48	13.13	--	200	32	0.55	3.0	<1.5	1,600	--	--	--	--
12/26/01	96.61	85.14	11.47	--	140	9.1	<0.50	1.2	<1.5	1,900	--	--	--	--
03/06/02	97.52	86.38	11.14	--	93	7.0	<0.50	0.72	<1.5	1,000	--	--	--	--
06/21/02	97.52	84.92	12.60	--	93	8.2	<0.50	1.2	<1.5	1,300	--	--	--	--
09/27/02	97.52	84.38	13.14	--	78	1.5	<0.50	<0.50	<1.5	1,200	--	--	--	--
12/26/02	97.52	87.74	9.78	--	86	1.7	<0.50	<0.50	<1.5	600	--	--	--	--
03/28/03	97.52	85.96	11.56	--	190	24	<0.50	2.4	<1.5	1,200	--	--	--	--
06/16/03 ¹¹	97.52	85.96	11.56	--	<50	3	<0.5	<0.5	<0.5	220	--	--	--	--
09/15/03 ¹¹	97.52	85.21	12.31	--	53	3	<0.5	<0.5	<0.5	580	<50	--	--	--
12/15/03 ¹¹	97.52	86.35	11.17	--	<50	<0.5	0.7	<0.5	0.8	410	<50	--	--	--
03/05/04 ¹¹	97.52	86.09	11.43	--	760	110	2	12	2	460	<50	--	--	--
06/18/04 ¹¹	97.52	85.40	12.12	--	1,400	200	3	7	2	740	<50	--	--	--
09/17/04 ¹¹	97.52	85.12	12.40	--	920	48	<0.5	<0.5	<0.5	340	<50	--	--	--
12/17/04 ¹¹	97.52	86.78	10.74	--	190	9	<0.5	<0.5	<0.5	110	<50	--	--	--
03/14/05 ¹¹	97.52	87.67	9.85	--	120	5	<0.5	<0.5	<0.5	130	<50	--	--	--
06/13/05 ¹¹	97.52	85.61	11.91	--	110	6	<0.5	<0.5	<0.5	130	<50	--	--	--
09/12/05 ¹¹	97.52	85.31	12.21	--	290	10	<0.5	<0.5	<0.5	90	<50	--	--	--

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Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCB◆ (µg/L)	1,2-DCA◆ (µg/L)	HVOCs◆ (µg/L)
MW-1 (cont)														
12/12/05 ¹¹	97.52	86.50	11.02	--	150	1	<0.5	<0.5	0.8	53	<50	--	--	--
03/13/06 ¹¹	97.52	87.97	9.55	--	82	0.8	<0.5	<0.5	<0.5	66	<50	--	--	--
06/12/06 ¹¹	97.52	86.52	11.00	--	140	4	<0.5	<0.5	<0.5	65	<50	--	--	--
09/11/06 ¹¹	97.52	85.99	11.53	--	210	3	<0.5	<0.5	<0.5	32	<50	--	--	--
12/15/06 ¹¹	97.52	88.13	9.39	--	190	1	<0.5	<0.5	<0.5	31	<50	--	--	--
03/16/07 ¹¹	97.52	86.02	11.50	--	99	0.8	<0.5	<0.5	<0.5	41	<50	--	--	--
06/15/07 ¹¹	97.52	86.46	11.06	--	210	10	<0.5	<0.5	<0.5	49	<50	--	--	--
09/14/07 ¹¹	97.52	85.14	12.38	--	270	6	<0.5	<0.5	<0.5	35	<50	--	--	--
12/07/07 ¹¹	97.52	84.88	12.64	--	90	0.7	<0.5	<0.5	<0.5	43	<50	--	--	--
03/07/08 ¹¹	97.52	85.54	11.98	--	110	<0.5	<0.5	<0.5	<0.5	32	<50	--	--	--
06/06/08 ¹¹	97.52	86.18	11.34	--	180	0.7	<0.5	<0.5	<0.5	29	<50	--	--	--
09/05/08 ¹¹	97.52	85.39	12.13	--	200	1	<0.5	<0.5	<0.5	20	<50	--	--	--
12/15/08 ¹¹	97.52	85.31	12.21	--	150	<0.5	<0.5	<0.5	<0.5	19	<50	--	--	--
03/16/09 ¹¹	97.52	87.60	9.92	--	68	<0.5	<0.5	<0.5	<0.5	19	<50	--	--	--
06/15/09 ¹¹	97.52	85.97	11.55	--	210	3	<0.5	<0.5	<0.5	21	<50	--	--	--
11/30/09 ¹¹	97.52	85.41	12.11	--	61	<0.5	<0.5	<0.5	<0.5	21	<50	--	--	--
06/07/10¹¹	97.52	85.62	11.90	--	140	1	<0.5	<0.5	<0.5	17	<50	--	--	--
MW-2														
05/29/97	96.91	83.85	13.06	--	--	--	--	--	--	--	--	--	--	--
06/04/97	96.91	83.96	12.95	--	1,600	120	5.9	32	15	2,100	--	--	--	--
09/16/97	96.91	83.92	12.99	--	1,100	23	3.2	7.0	2.5	1,200	--	--	--	--
12/17/97	96.91	84.73	12.18	--	7,100 ¹	650	69	610	69	4,700/2,600 ²	--	--	--	--
03/18/98	96.91	84.21	12.70	--	5,900 ¹	250	<50	98	<50	12,000/7,100 ²	--	--	--	--
06/28/98	96.91	83.98	12.93	--	4,300	400	<10	<10	<10	3,000/4,000 ²	--	--	--	--
09/07/98	96.91	83.94	12.97	--	3,700	220	5.1	38	7.6	1,300/1,400 ²	--	--	--	--
12/29/98	96.91	83.99	12.92	--	6,500	573	26.8	131	33.9	2,660	--	--	--	--
03/11/99	96.91	84.04	12.87	--	4,970	651	30.8	60.3	<5.0	2,600	--	--	--	--
05/04/99	96.91	84.05	12.86	--	--	--	--	--	--	--	--	--	--	--
06/29/99	96.91	83.98	12.93	--	2,030	238	11.6	8.98	<5.0	540	--	--	--	--
09/29/99	96.91	84.02	12.89	--	2,000	320	10.4	16.5	20.3	642	--	--	--	--
12/08/99	96.91	86.18	10.73	--	96.8	2.74	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/01/00	96.91	84.31	12.60	--	<50	6.92	<0.5	<0.5	<0.5	254	--	--	--	--
06/23/00	96.91	83.98	12.93	--	1,700 ⁴	490	7.5	<5.0	7.7	770	--	--	--	--
09/30/00	96.91	83.95	12.96	--	2,000 ⁴	420	14	<10	<10	380	--	--	--	--

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MW-2 (cont)														
12/08/00	96.91	83.98	12.93	--	984	54.9	<2.50	4.15	<2.50	306	--	--	--	--
03/01/01	96.91	84.15	12.76	--	<50.0	4.16	<0.500	<0.500	<0.500	245	--	--	--	--
06/19/01	96.91	83.23	13.68	--	1,700 ⁴	250	9.2	<5.0	6.9	410	--	--	--	--
09/18/01	96.91	83.96	12.95	--	1,700	42	1.9	2.0	2.9	280	--	--	--	--
12/26/01	96.91	83.88	13.03	--	<50	0.50	<0.50	<0.50	<1.5	120	--	--	--	--
03/06/02	97.81	84.82	12.99	--	670	170	2.5	<0.50	<1.5	410	--	--	--	--
06/21/02	97.81	84.10	13.71	--	1,800	120	7.3	2.0	3.1	440	--	--	--	--
09/27/02	97.81	82.51	15.30	--	180	11	1.0	<0.50	<1.5	4,700	--	--	--	--
12/26/02	97.81	84.81	13.00	--	<50	<0.50	<0.50	<0.50	<1.5	160	--	--	--	--
03/28/03	97.81	84.46	13.35	--	580	88	2.2	22	12	280	--	--	--	--
06/16/03 ¹¹	97.81	83.10	14.71	--	200	1	29	<0.5	<0.5	1,400	--	--	--	--
09/15/03 ¹¹	97.81	82.78	15.03	--	130	<1	<1	<1	<1	2,400	<130	--	--	--
12/15/03 ¹¹	97.81	84.84	12.97	--	<50	<0.5	<0.5	<0.5	<0.5	63	<50	--	--	--
03/05/04 ¹¹	97.81	84.79	13.02	--	<50	0.8	<0.5	<0.5	<0.5	49	<50	--	--	--
06/18/04 ¹¹	97.81	82.72	15.09	--	60	<0.5	<0.5	<0.5	<0.5	1,900	<50	--	--	--
09/17/04 ¹¹	97.81	82.46	15.35	--	66	<1	<1	<1	<1	2,100	<130	--	--	--
12/17/04 ¹¹	97.81	84.61	13.20	--	120	7	<0.5	<0.5	0.7	91	<50	--	--	--
03/14/05 ¹¹	97.81	84.79	13.02	--	390	69	0.8	10	2	74	<50	--	--	--
06/13/05 ¹¹	97.81	82.87	14.94	--	<50	6	<0.5	<0.5	<0.5	10	<50	--	--	--
09/12/05 ¹¹	97.81	82.62	15.19	--	77	<1	<1	<1	<1	1,400	<100	--	--	--
12/12/05 ¹¹	97.81	84.32	13.49	--	14,000	1,500	1,100	660	3,500	82	<250	--	--	--
03/13/06 ¹¹	97.81	84.97	12.84	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06 ¹¹	97.81	83.19	14.62	--	<50	<0.5	<0.5	<0.5	<0.5	81	<50	--	--	--
09/11/06 ¹¹	97.81	82.59	15.22	--	73	<0.5	<0.5	<0.5	<0.5	170	<50	--	--	--
12/15/06 ¹¹	97.81	84.86	12.95	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
03/16/07 ¹¹	97.81	84.41	13.40	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/17/07 ¹¹	97.81	83.14	14.67	--	<50	0.9	<0.5	<0.5	<0.5	46	<50	--	--	--
09/14/07 ¹¹	97.81	82.70	15.11	--	<50	0.7	<0.5	<0.5	<0.5	170	<50	--	--	--
12/07/07 ¹¹	97.81	82.46	15.35	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
03/07/08 ¹¹	97.81	83.90	13.91	--	<50	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
06/06/08 ¹¹	97.81	83.01	14.80	--	<50	3	<0.5	<0.5	<0.5	78	<50	--	--	--
09/05/08 ¹¹	97.81	82.78	15.03	--	<50	<0.5	<0.5	<0.5	<0.5	130	<50	--	--	--
12/15/08 ¹¹	97.81	82.63	15.18	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/16/09 ¹¹	97.81	84.36	13.45	--	<50	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--

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MW-2 (cont)														
06/15/09 ¹¹	97.81	82.53	15.28	--	1,500	29	1	5	4	12	<50	--	--	--
11/30/09 ¹¹	97.81	84.53	13.28	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/07/10¹¹	97.81	84.62	13.19	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
MW-3														
05/29/97	97.86	86.41	11.45	--	--	--	--	--	--	--	--	--	--	--
06/04/97 ³	97.86	86.58	11.28	1200	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	ND	1.0	--
09/16/97	97.86	85.67	12.19	2,700 ¹	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	97.86	87.06	10.80	1,200 ¹	<50	0.9	0.53	<0.5	<0.5	<2.5	--	--	--	--
03/18/98	97.86	86.98	10.88	820 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/28/98	97.86	86.26	11.60	1,100 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.99	ND	<0.5-<5.0
09/07/98	97.86	85.64	12.22	1,100 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.79	0.54	--
12/29/98	97.86	86.06	11.80	1,760 ¹	185	<0.5	<0.5	<0.5	0.669	<2.0	--	1.04	0.578	<0.5-<5.0
03/11/99	97.86	86.83	11.03	1440	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	<1.0	<1.0	<1.0-<2.0
05/04/99	97.86	86.43	11.43	--	--	--	--	--	--	--	--	--	--	--
06/29/99	97.86	85.71	12.15	690 ¹	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	0.754	<0.5	<0.5-<5.0
09/29/99	97.86	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
12/08/99	97.86	88.43	9.43	1,000 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	<0.5	0.66	<0.5-<5.0
03/01/00	97.86	87.16	10.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.821	0.984	<0.5-<5.0
06/23/00	97.86	85.96	11.90	2,600 ⁵	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	<2.0	<2.0	<0.5-<2.0
09/30/00	97.86	85.45	12.41	1,100 ⁵	<50	<0.50	0.61	<0.50	0.82	2.7	--	<2.0	<2.0	<0.50-<2.0
12/08/00	97.86	85.78	12.08	870 ⁵	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	<2.0	<2.0	<0.50-<10
03/01/01	97.86	87.09	10.77	1,060 ⁶	60.9 ⁷	<0.500	<0.500	<0.500	<0.500	<2.50	--	0.545	0.528	<0.500-<5.00
06/19/01	97.86	85.87	11.99	120 ⁵	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	<1.2	<1.6	<0.50-<2.0
09/18/01	97.86	85.19	12.67	4,800	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2 ⁸
12/26/01	97.86	86.92	10.94	5,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
03/06/02	98.78	87.20	11.58	30,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
06/21/02	98.78	86.23	12.55	3,800 ¹⁰	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
09/27/02	98.78	85.93	12.85	2,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
12/26/02	98.78	87.87	10.91	3,600	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
03/28/03	98.78	86.77	12.01	2,100	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<1 ⁸	<0.8-<2 ⁸
06/16/03 ¹¹	98.78	86.79	11.99	2,400	<50	<0.5	<0.5	<0.5	<1	<0.5	--	<1 ⁸	0.8 ⁸	<0.5-<2 ⁸
09/15/03 ¹¹	98.78	86.07	12.71	4,300	<50	<0.5	<0.5	<0.5	<1	<0.5	<50	<1 ⁸	0.8 ⁸	<0.8-<2 ⁸
12/15/03 ¹¹	98.78	87.23	11.55	3,200	<50	<0.5	0.7	<0.5	0.7	<0.5	<50	<1 ⁸	0.8 ⁸	<0.8-<2 ⁸
03/05/04 ¹¹	98.78	87.66	11.12	8,000	<50	<0.5	0.6	<0.5	0.7	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸

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MW-3 (cont)														
06/18/04 ¹¹	98.78	86.21	12.57	3,100	<50	<0.5	<0.5	<0.5	<1	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
09/17/04 ¹¹	98.78	85.92	12.86	3,200	<50	<0.5	<0.7	<0.8	<1.6	<0.5	<50	<1 ⁸	<1 ⁸	<0.8-2 ⁸
12/17/04 ¹¹	98.78	87.63	11.15	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
03/14/05 ¹¹	98.78	88.21	10.57	1,300	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
06/13/05 ¹¹	98.78	86.45	12.33	2,700	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
09/12/05 ¹¹	98.78	85.89	12.89	2,000 ¹²	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
12/12/05 ¹¹	98.78	87.40	11.38	3,900 ¹²	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
03/13/06 ¹¹	98.78	88.43	10.35	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
06/12/06 ¹¹	98.78	87.05	11.73	3,600	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
09/11/06 ¹¹	98.78	86.42	12.36	4,000	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
12/15/06 ¹¹	98.78	86.91	11.87	3,100	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
03/16/07 ¹¹	98.78	87.55	11.23	1,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
06/15/07 ¹¹	98.78	86.97	11.81	2,000	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<2 ⁸	<0.5 ⁸	<0.8-2 ⁸
09/14/07 ¹¹	98.78	86.31	12.47	1,600	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
12/07/07 ¹¹	98.78	86.02	12.76	2,200	<50	<0.5	<0.5	<0.5	<1.0	<0.5	330	<1 ⁸	<0.5 ⁸	<0.8-2 ^{8,13}
03/07/08 ¹¹	98.78	86.95	11.83	6,500	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
06/06/08 ¹¹	98.78	86.51	12.27	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
09/05/08 ¹¹	98.78	86.13	12.65	2,400	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
12/15/08 ¹¹	98.78	86.12	12.66	8,700	<50	<0.5	<0.5	<0.5	<1.0	<0.5	230	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
03/16/09 ¹¹	98.78	86.42	12.36	4,900	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
06/15/09 ¹¹	98.78	86.33	12.45	5,900	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
11/30/09 ¹¹	98.78	86.92	11.86	4,400	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-2 ⁸
06/07/10¹¹	98.78	87.13	11.65	1,800¹⁴	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1⁸	<0.5⁸	<0.8-2⁸
MW-4														
05/04/99	96.25	83.66	12.59	--	140	<0.5	0.62	0.67	2.6	<2.5	--	--	--	--
06/29/99	96.25	83.64	12.61	--	183	<0.5	<0.5	1.1	<0.5	<5.0	--	--	--	--
09/29/99	96.25	83.70	12.55	--	64.3	<0.5	<0.5	<0.5	1.18	<2.5	--	--	--	--
12/08/99	96.25	83.81	12.44	--	91.2	0.589	<0.5	0.52	<0.5	86	--	--	--	--
03/01/00	96.25	84.55	11.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/23/00	96.25	84.12	12.13	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/30/00	96.25	84.30	11.95	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
12/08/00	96.25	83.85	12.40	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
03/01/01	96.25	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
06/19/01	96.25	82.83	13.42	--	210 ⁷	7.6	1.4	<0.50	<0.50	10	--	--	--	--

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Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCB◆ (µg/L)	1,2-DCA◆ (µg/L)	HVOCs◆ (µg/L)
MW-4 (cont)														
09/18/01	96.25	83.17	13.08	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/01	96.25	83.36	12.89	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/06/02	97.14	84.06	13.08	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/21/02	97.14	83.63	13.51	--	<50	<0.50	12	<0.50	<1.5	<2.5	--	--	--	--
09/27/02	97.14	83.47	13.67	--	110	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/02	97.14	84.12	13.02	--	<50	<0.50	2.6	<0.50	<1.5	<2.5	--	--	--	--
03/28/03	97.14	83.71	13.43	--	<50	<0.50	<0.50	<0.50	<1.5	18	--	--	--	--
06/16/03 ¹¹	97.14	83.10	14.04	--	250	<0.5	31	<0.5	<0.5	<0.5	--	--	--	--
09/15/03 ¹¹	97.14	82.93	14.21	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/15/03 ¹¹	97.14	84.30	12.84	--	310	<0.5	21	<0.5	1	<0.5	<50	--	--	--
03/05/04 ¹¹	97.14	84.00	13.14	--	<50	<0.5	0.7	<0.5	0.6	5	<50	--	--	--
06/18/04 ¹¹	97.14	83.14	14.00	--	220	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
09/17/04 ¹¹	97.14	83.06	14.08	--	97	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/17/04 ¹¹	97.14	83.77	13.37	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/14/05 ¹¹	97.14	83.69	13.45	--	<50	<0.5	0.8	<0.5	<0.5	1	<50	--	--	--
06/13/05 ¹¹	97.14	83.53	13.61	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
09/12/05 ¹¹	97.14	83.34	13.80	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/12/05 ¹¹	97.14	83.54	13.60	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
03/13/06 ¹¹	97.14	83.95	13.19	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06 ¹¹	97.14	83.27	13.87	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/11/06 ¹¹	97.14	82.98	14.16	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
12/15/06 ¹¹	97.14	83.96	13.18	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/16/07 ¹¹	97.14	83.44	13.70	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
06/15/07 ¹¹	97.14	83.23	13.91	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
09/14/07 ¹¹	97.14	83.12	14.02	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/07/07 ¹¹	97.14	82.91	14.23	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/07/08 ¹¹	97.14	83.22	13.92	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/06/08 ¹¹	97.14	83.23	13.91	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	<50	--	--	--
09/05/08 ¹¹	97.14	83.12	14.02	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/15/08 ¹¹	97.14	83.05	14.09	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
03/16/09 ¹¹	97.14	83.58	13.56	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/15/09 ¹¹	97.14	83.05	14.09	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
11/30/09 ¹¹	97.14	83.56	13.58	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/07/10¹¹	97.14	83.88	13.26	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCB◆ (µg/L)	1,2-DCA◆ (µg/L)	HVOCs◆ (µg/L)
MW-5														
03/06/02 ⁹	95.71	84.31	11.40	--	4,900	18	2.7	29	9.8	290	--	--	--	--
06/21/02	95.71	83.29	12.42	--	1,400	3.6	1.4	<0.50	1.6	190	--	--	--	--
09/27/02	95.71	83.00	12.71	--	540	1.3	<0.50	<0.50	<1.5	190	--	--	--	--
12/26/02	95.71	85.55	10.16	--	2,600	5.0	0.86	3.6	3.7	170	--	--	--	--
03/28/03	95.71	84.25	11.46	--	920	3.8	<0.50	2.1	1.7	160	--	--	--	--
06/16/03 ¹¹	95.71	83.92	11.79	--	600	3	0.9	0.7	0.9	150	--	--	--	--
09/15/03 ¹¹	95.71	83.28	12.43	--	760	<0.5	<0.5	<0.5	<0.5	180	<50	--	--	--
12/15/03 ¹¹	95.71	85.01	10.70	--	1,200	0.7	0.5	0.6	0.8	120	<50	--	--	--
03/05/04 ¹¹	95.71	84.65	11.06	--	1,800	2	0.7	0.7	2	60	<50	--	--	--
06/18/04 ¹¹	95.71	83.54	12.17	--	1,700	<0.5	<0.5	<0.5	<0.5	77	<50	--	--	--
09/17/04 ¹¹	95.71	83.35	12.36	--	1,900	<0.5	<0.5	<0.5	0.6	73	<50	--	--	--
12/17/04 ¹¹	95.71	84.91	10.80	--	1,200	1	<0.5	<0.5	0.6	41	<50	--	--	--
03/14/05 ¹¹	95.71	85.26	10.45	--	1,400	9	<0.5	<0.5	<0.5	19	<50	--	--	--
06/13/05 ¹¹	95.71	83.82	11.89	--	760	<0.5	<0.5	<0.5	<0.5	16	<50	--	--	--
09/12/05 ¹¹	95.71	83.43	12.28	--	610	<0.5	<0.5	<0.5	<0.5	22	<50	--	--	--
12/12/05 ¹¹	95.71	84.63	11.08	--	630	<0.5	<0.5	<0.5	<0.5	13	63	--	--	--
03/13/06 ¹¹	95.71	85.45	10.26	--	1,100	1	<0.5	<0.5	0.5	9	<50	--	--	--
06/12/06 ¹¹	95.71	83.91	11.80	--	460	<0.5	<0.5	<0.5	<0.5	10	<50	--	--	--
09/11/06 ¹¹	95.71	83.30	12.41	--	510	<0.5	<0.5	<0.5	<0.5	10	<50	--	--	--
12/15/06 ¹¹	95.71	85.21	10.50	--	1,000	0.7	<0.5	<0.5	<0.5	6	<50	--	--	--
03/16/07 ¹¹	95.71	84.71	11.00	--	430	<0.5	<0.5	<0.5	<0.5	8	<50	--	--	--
06/15/07 ¹¹	95.71	83.83	11.88	--	420	<0.5	<0.5	<0.5	<0.5	5	<50	--	--	--
09/14/07 ¹¹	95.71	83.39	12.32	--	380	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/07/07 ¹¹	95.71	83.14	12.57	--	420	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
03/07/08 ¹¹	95.71	84.20	11.51	--	400	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
06/06/08 ¹¹	95.71	83.51	12.20	--	400	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
09/05/08 ¹¹	95.71	83.33	12.38	--	470	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/15/08 ¹¹	95.71	83.25	12.46	--	<50	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
03/16/09 ¹¹	95.71	85.11	10.60	--	720	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
06/15/09 ¹¹	95.71	83.25	12.46	--	490	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
11/30/09 ¹¹	95.71	83.81	11.90	--	330	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
06/07/10¹¹	95.71	83.88	11.83	--	310	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--

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MW-6														
03/06/02 ⁹	95.84	85.67	10.17	--	220	<0.50	<0.50	<0.50	<1.5	53	--	--	--	--
06/21/02	95.84	84.86	10.98	--	<50	<0.50	<0.50	<0.50	<1.5	15	--	--	--	--
09/27/02	95.84	84.61	11.23	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--	--
12/26/02	95.84	87.47	8.37	--	57	<0.50	<0.50	<0.50	<1.5	19	--	--	--	--
03/28/03	95.84	85.53	10.31	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--	--
06/16/03 ¹¹	95.84	85.50	10.34	--	<50	<0.5	0.6	<0.5	<0.5	5	--	--	--	--
09/15/03 ¹¹	95.84	84.84	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/15/03 ¹¹	95.84	86.49	9.35	--	<50	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
03/05/04 ¹¹	95.84	87.04	8.80	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/18/04 ¹¹	95.84	85.04	10.80	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
09/17/04 ¹¹	95.84	84.84	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
12/17/04 ¹¹	95.84	86.32	9.52	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
03/14/05 ¹¹	95.84	86.94	8.90	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
06/13/05 ¹¹	95.84	85.37	10.47	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
09/12/05 ¹¹	95.84	85.16	10.68	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
12/12/05 ¹¹	95.84	86.15	9.69	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
03/13/06 ¹¹	95.84	87.16	8.68	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06 ¹¹	95.84	85.03	10.81	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/11/06 ¹¹	95.84	84.80	11.04	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
12/15/06 ¹¹	95.84	86.82	9.02	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
03/16/07 ¹¹	95.84	86.06	9.78	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/15/07 ¹¹	95.84	84.99	10.85	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/14/07 ¹¹	95.84	85.71	10.13	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
12/07/07 ¹¹	95.84	85.39	10.45	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/07/08 ¹¹	95.84	85.75	10.09	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
06/06/08 ¹¹	95.84	84.79	11.05	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/05/08 ¹¹	95.84	84.66	11.18	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
12/15/08 ¹¹	95.84	84.58	11.26	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/16/09 ¹¹	95.84	86.33	9.51	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
06/15/09 ¹¹	95.84	84.82	11.02	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	<50	--	--	--
11/30/09 ¹¹	95.84	84.98	10.86	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
06/07/10¹¹	95.84	85.34	10.50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCB◆ (µg/L)	1,2-DCA◆ (µg/L)	HVOCs◆ (µg/L)
TRIP BLANK														
06/04/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/16/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/18/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
12/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
05/04/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
12/08/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/01/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/23/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
12/08/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
03/01/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
06/19/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/18/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
QA														
12/26/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/06/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
09/27/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/28/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/16/03 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/15/03 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/03 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/05/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/18/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/17/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/17/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/14/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/13/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCB◆ (µg/L)	1,2-DCA◆ (µg/L)	HVOCs◆ (µg/L)
QA (cont)														
09/12/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/12/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/13/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/12/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/11/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/16/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/15/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/14/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/07/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/07/08 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/06/08 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/05/08 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/08 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/16/09 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/15/09 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/30/09 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/07/10¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--

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EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing (ft.) = Feet	GRO = Gasoline Range Organics B = Benzene	1,2-DCA = 1,2-Dichloroethane (µg/L) = Micrograms per liter
GWE = Groundwater Elevation (msl) = Mean sea level	T = Toluene E = Ethylbenzene	(ppb) = Parts per billion HVOC = Halogenated Volatile Organic Compounds
DTW = Depth to Water	X = Xylenes	ND = Not Detected
TPH = Total Petroleum Hydrocarbons	MTBE = Methyl Tertiary Butyl Ether	-- = Not Measured/Not Analyzed
DRO = Diesel Range Organics	1,2-DCB = 1,2-Dichlorobenzene	QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed in February 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark; a standard city of Oakland disc stamped "SEC 50 STA F" set under a standard casting on the monument line of Camden Street and 72 feet westerly of the monument at Seminary and Camden, (Elevation = 90.63 feet).

◆ Analysis by EPA Method 8010.

NOTE: All other VOC concentrations were below detection limits.

- ¹ Chromatogram pattern indicates an unidentified hydrocarbon.
- ² Confirmation run.
- ³ Sample also analyzed for the following: Total Oil & Grease by EPA Method 5520F was ND; Semivolatile Organics by EPA Method 8270B were ND; Volatile Organics by EPA Method 8010B were ND.
- ⁴ Laboratory report indicates gasoline C6-C12.
- ⁵ Laboratory report indicates unidentified hydrocarbons >C16.
- ⁶ Laboratory report indicates unidentified hydrocarbons C9-C24.
- ⁷ Laboratory report indicates unidentified hydrocarbons C6-C12.
- ⁸ Volatile Organic Compounds (VOCs) by EPA Method 8260.
- ⁹ Well development performed.
- ¹⁰ Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
- ¹¹ BTEX and MTBE analyzed by EPA Method 8260.
- ¹² Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
- ¹³ Laboratory report indicates Chloroform at 7 ppb.
- ¹⁴ Analyzed with Silica Gel cleanup.