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 **Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report and Annual Summary** dated February 15, 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 **Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report and Annual Summary** 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: **Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report and Annual Summary**

CONESTOGA-ROVERS
& ASSOCIATES

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

February 15, 2011 Reference No. 311955

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

Re: Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report
And Annual Summary
Former Texaco Service Station 21-1283
3810 Broadway
Oakland, California
Fuel Leak Case No. RO0000056

Dear Mr. Mark Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Gettler-Ryan, Inc. (G-R) of Dublin, California. G-R's December 27, 2010 *Groundwater Monitoring and Sampling Data Package* is included Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' January 6, 2011 *Analytical Results* is included as Attachment B. Historical groundwater monitoring and sampling data are included as Attachment C.

RESULTS OF 2010 SAMPLING EVENT

On June 26, 2010 and December 20, 2010, G-R monitored and sampled the site wells per the established schedule. The first semi-annual 2010 groundwater monitoring and sampling event was previously uploaded to Geotracker and ACEH website.

Results of the second semi-annual monitoring event indicate the following:

- Groundwater Flow Direction — Varies (Figure 2)
- Depth to Water — 20.45 to 29.58 feet below grade

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

TABLE A: HYDROCARBONS IN GROUNDWATER 2010

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
Drinking Water ESL[1]		***100***	***100***	***1***	***40***	***30***	***20***	***5***
Potential Vapor Intrusions ESLs		*Use Soil Gas*	*Use Soil Gas*	***540***	***380, 000***	***170,000***	***160,000***	***24,000***
MW-1	6/26/2010	340	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	12/20/2010	Insufficient Water to Sample						
MW-4	6/26/2010	56	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	12/20/2010	170	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5B	6/26/2010	130	160	<0.5	<0.5	<0.5	<0.5	17
	12/20/2010	370	150	3	<0.5	<0.5	<0.5	24
MW-6	6/26/2010	1,300	2,800	230	14	110	120	3
	12/20/2010	1,000	1,900	150	3	2	4	3
MW-7	6/26/2010	68	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	12/20/2010	52	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9	6/26/2010	120	<50	<0.5	<0.5	<0.5	<0.5	13
	12/20/2010	58	<50	<0.5	<0.5	<0.5	<0.5	1
MW-10	6/26/2010	93	160	<0.5	<0.5	<0.5	<0.5	2
	12/20/2010	1,200	300	0.6	<0.5	<0.5	<0.5	3
MW-11	6/26/2010	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	12/20/2010	150	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-12	6/26/2010	1,200	7,600	580	47	36	1,400	<1
	12/20/2010	1,100	4,800	500	82	260	800	<0.5

[1] Environmental Screening Levels from the California Regional Water Quality Control Board-San Francisco Bay Region Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final – November 2007 (Revised May 2008)

CONCLUSIONS

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

- Dissolved TPHd concentrations are centered beneath the fuel USTs in wells MW-6, MW-10, and MW-12 and are defined below or near the drinking water ESL by wells MW-1, MW-4, MW-5B, MW-7, MW-9, and MW-11.
- Dissolved TPHg and benzene concentrations are centered beneath the fuel USTs in wells MW-6 and MW-12, and are defined below or near drinking water ESLs by wells MW-1, MW-4, MW-5B, MW-7, MW-9, MW-10, and MW-11.
- Dissolved MTBE concentrations are minimal and above the drinking water ESL only in well MW-5B.
- Dissolved hydrocarbon concentrations are decreasing in all wells from historical maximum concentrations.

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
Based on the groundwater data, CRA will review the site for potential low-risk case closure.

CONESTOGA-ROVERS
& ASSOCIATES

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

AA/aa/7
Encl.

Figure 1	Site Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentration
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. Joe Zadik

FIGURES

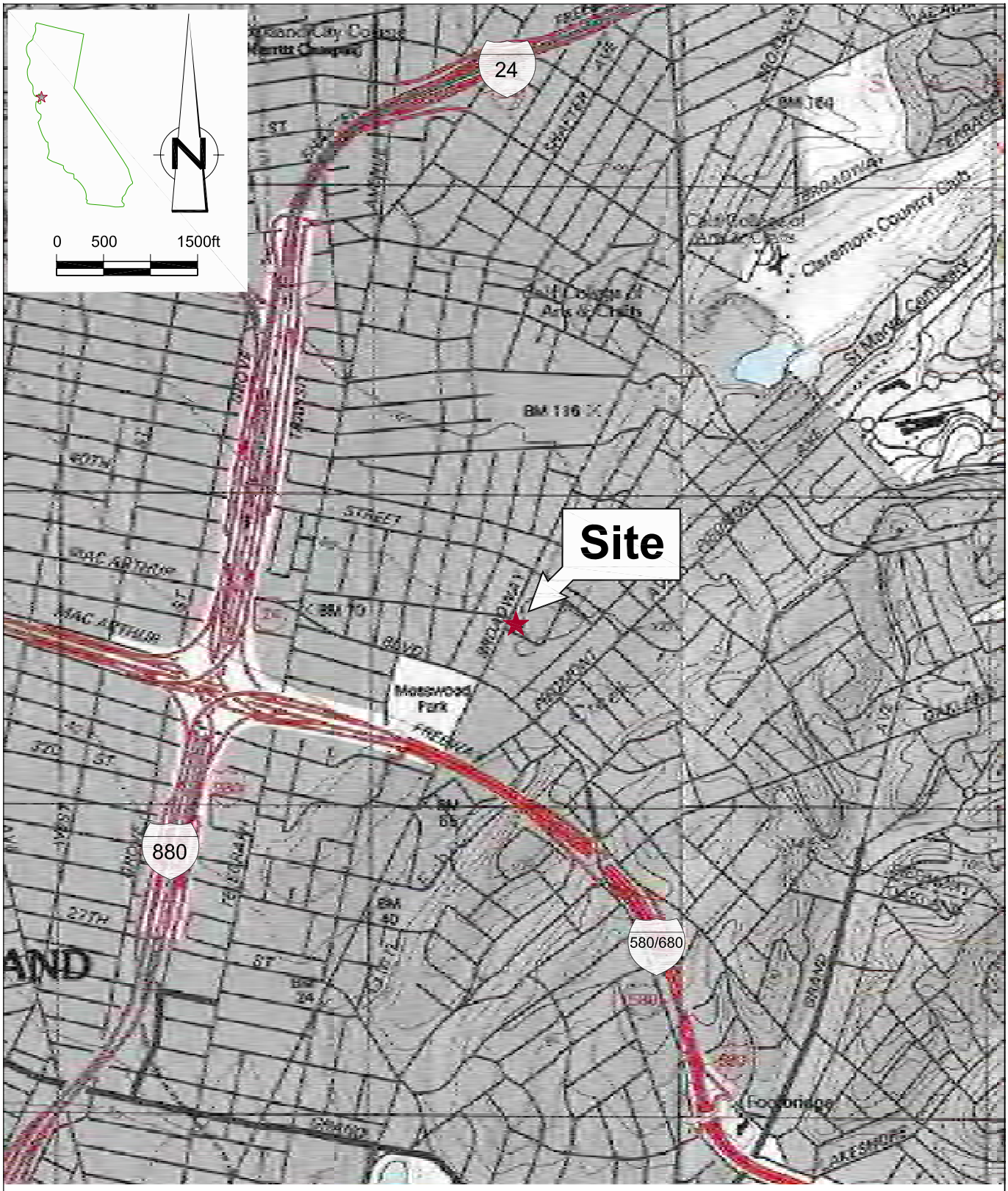

Figure 1

SITE VICINITY MAP
FORMER TEXACO SERVICE STATION 21-1283
3810 BROADWAY
Oakland, California

I:\Chevron\3119--\311955 21-1283 Oakland\311955-FIGURES\311955-VMAP.DWG

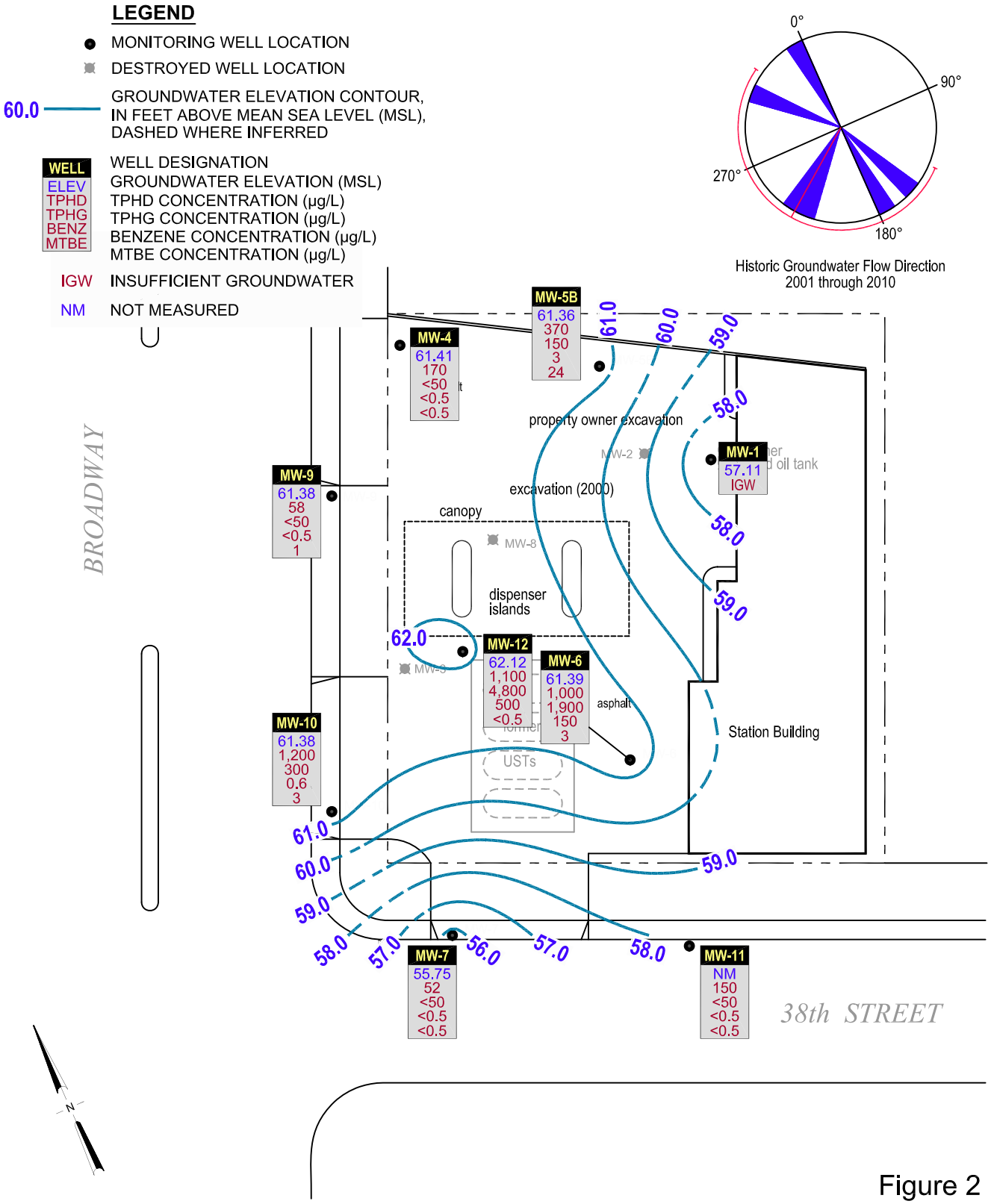

Figure 2

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
FORMER TEXACO SERVICE STATION 21-1283
3810 BROADWAY
Oakland, California
December 20, 2010

Siteplan modified from map provided by Gettler-Ryan Inc.

TABLE

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER TEXACO SERVICE STATION 21-1283
3810 BROADWAY
OAKLAND, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE by SW8260*	*Ethanol*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
MW-1	**12/20/2010[1]**	**86.69**	**29.58**	**57.11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-4	**12/20/2010**	**83.31**	**21.90**	**61.41**	**170**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**
MW-5B	**12/20/2010**	**85.36**	**24.00**	**61.36**	**370**	**150**	**3**	**<0.5**	**<0.5**	**<0.5**	**24**	**<50**
MW-6	**12/20/2010**	**86.09**	**24.70**	**61.39**	**1,000**	**1,900**	**150**	**3**	**2**	**4**	**3**	**<50**
MW-7	**12/20/2010**	**84.11**	**28.36**	**55.75**	**52**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**
MW-9	**12/20/2010**	**82.17**	**20.79**	**61.38**	**58**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**1**	**<50**
MW-10	**12/20/2010**	**81.83**	**20.45**	**61.38**	**1,200**	**300**	**0.6**	**<0.5**	**<0.5**	**<0.5**	**3**	**<50**
MW-11	**12/20/2010**	**-**	**29.05**	**-**	**150**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**
MW-12	**12/20/2010**	**84.19**	**22.07**	**62.12**	**1,100**	**4,800**	**500**	**82**	**260**	**800**	**<0.5**	**<50**
QA	**12/20/2010**	**-**	**-**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**

Abbreviations and Notes:

TOC = Top of Casing

DTW = Depth to Water

GWE = Groundwater elevation

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER TEXACO SERVICE STATION 21-1283
3810 BROADWAY
OAKLAND, CALIFORNIA

(ft-amsl) = Feet Above Mean sea level

ft = Feet

µg/L = Micrograms per Liter

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

VOCS = Volatile Organic Compounds

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene

MTBE = Methyl tert butyl ether

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

* TOC elevations were surveyed June 24, 2002 by Morrow Surveying and are based on a City of Oakland benchmark.

1 Insufficient water - no sample taken

ATTACHMENT A

MONITORING DATA PACKAGE

GETTLER-RYAN INC.

TRANSMITTAL

December 27, 2010
G-R #386956

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: Former Texaco Service Station
3810 Broadway
Oakland, California
(Site #211283)
RO 0000056

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Second Semi-Annual Event of December 20, 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/211283

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #211283
Site Address: 3810 Broadway
City: Oakland, CA

Job # 386956
Event Date: 12-20-10
Sampler: AW

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y / N	REPLACE CAP Y / N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-1	OK	→	LM	OK	→	→	→	N	N	Pemco / 8" / 2	N
MW-4	OK	→	→	→	→	→	→	↓	↓	Emco / 12" / 2	↓
MW-5B	OK	→	→	2S	OK	→	→	↓	↓	Boart Longyr / 8" / 3	↓
MW-6	OK	→	→	→	→	→	→	↓	↓	Pemco / 12" / 2	↓
MW-7	OK	→	→	→	→	→	→	↓	↓	Pemco / 8" / 2	↓
MW-9	OK	→	→	→	→	→	→	↓	↓	↓	↓
MW-10	OK	→	→	→	→	→	→	↓	↓	Emco / 12" / 2	↓
MW-11	OK	→	→	1B	OK	→	→	↓	↓	Pemco / 12" / 2	↓
MW-12	OK	→	→	→	→	→	→	↓	↓	Boart Longyr / 8" / 3	↓

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 #211283** Job Number: **386956**

Site Address: **3810 Broadway** Event Date: 12-20-10 (inclusive)

City: **Oakland, CA** Sampler: AW

Well ID MW- 1 Date Monitored: 12-20-10

Well Diameter 2 in.

Total Depth 30.03 ft.

Depth to Water 29.58 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.

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

Start Time (purge): _____ Weather Conditions: _____

Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N _____

Approx. Flow Rate: _____ gpm. Sediment Description: _____

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

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

LABORATORY INFORMATION

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

COMMENTS: Insufficient H2O, No Sample Taken.

Pemco / 8" / 1m

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 | Job Number: 386956
Site Address: 3810 Broadway | Event Date: 12-20-10 (inclusive)
City: Oakland, CA | Sampler: Aw

Well ID: MW-4 | Date Monitored: 12-20-20
Well Diameter: 2 in.
Total Depth: 28.47 ft.
Depth to Water: 21.90 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.

6.57 xVF .17 = 1.11 x3 case volume = Estimated Purge Volume: 3.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.21

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): 1010 | Weather Conditions: Cloudy
Sample Time/Date: 1040 / 12-20-10 | Water Color: Cloudy | Odor: Y / N
Approx. Flow Rate: — gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 23.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm ~~µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1015	1.0	7.57	206	16.3	PRE: —	PRE: —
1020	2.0	7.44	230	16.9		
1025	3.5	7.40	232	17.2		
					POST: —	POST: —

LABORATORY INFORMATION

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

COMMENTS: Emco 12"/2

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956

Site Address: 3810 Broadway Event Date: 12-20-10 (inclusive)

City: Oakland, CA Sampler: AW

Well ID: MW-5B Date Monitored: 12-20-10

Well Diameter: 2 in.

Total Depth: 30.25 ft.

Depth to Water: 24.00 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

6.25 xVF .17 = 1.06 x3 case volume = Estimated Purge Volume: 3.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.25

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): 0930 Weather Conditions: Rainy

Sample Time/Date: 0955 / 12-20-10 Water Color: Cloudy Odor: Y / N Strong

Approx. Flow Rate: — gpm. Sediment Description: Cloudy

Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 25.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0933	1.0	7.46	579	14.8	PRE: —	PRE: —
0936	2.0	7.41	604	15.6		
0940	3.5	7.37	619	15.9		
					POST: —	POST: —

LABORATORY INFORMATION

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

COMMENTS: Boart Longyr / 8 ¹/3 - 25

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 | Job Number: 386956
Site Address: 3810 Broadway | Event Date: 12-20-10 (inclusive)
City: Oakland, CA | Sampler: AW

Well ID: MW-6 | Date Monitored: 12-20-10
Well Diameter: 2 in.
Total Depth: 27.98 ft.
Depth to Water: 24.70 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.

3.28 xVF 17 = 0.55 x3 case volume = Estimated Purge Volume: 20 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.36

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): 1415 | Weather Conditions: Cloudy
Sample Time/Date: 1445 / 12-20-10 | Water Color: Dark | Odor: Y / N Strong
Approx. Flow Rate: — gpm. | Sediment Description: Heavy
Did well de-water? Y If yes, Time: 1420 Volume: 1.0 gal. DTW @ Sampling: 25.07

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1417	0.5	7.26	597	18.0	PRE: 0.7	PRE: -23
1420	1.0	7.26	600	18.4		
					POST: 1.0	POST: -50

LABORATORY INFORMATION

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

COMMENTS: Purge 12/12

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 — Job Number: 386956

Site Address: 3810 Broadway — Event Date: 12-20-10 (inclusive)

City: Oakland, CA — Sampler: AW

Well ID: MW-7 — Date Monitored: 12-20-10

Well Diameter: 2 in.

Total Depth: 33.30 ft.

Depth to Water: 28.36 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.

4.94 xVF .17 = 0.84 x3 case volume = Estimated Purge Volume: 2.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 29.35

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): 1135 — Weather Conditions: Cloudy

Sample Time/Date: 1205 / 12-20-10 — Water Color: Cloudy — Odor: Y / (N)

Approx. Flow Rate: — gpm. — Sediment Description: Cloudy

Did well de-water? N — If yes, Time: — Volume: — gal. DTW @ Sampling: 29.35

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1138	0.75	7.15	238	17.0	PRE: 1.2	PRE: 63
1142	1.5	7.19	250	17.4		
1147	2.5	7.22	288	17.7		
					POST: 1.4	POST: 44

LABORATORY INFORMATION

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

COMMENTS: Pence?/ 8"/2

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 | Job Number: 386956
Site Address: 3810 Broadway | Event Date: 12-20-10 (inclusive)
City: Oakland, CA | Sampler: AW

Well ID: MW-9 | Date Monitored: 12-20-10
Well Diameter: 2 in.
Total Depth: 33.87 ft.
Depth to Water: 20.79 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

13.08 xVF .17 = 2.22 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.41

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): 1255 | Weather Conditions: Cloudy
Sample Time/Date: 1330 / 12-20-10 | Water Color: Cloudy | Odor: Y / N | Moderate
Approx. Flow Rate: — gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 22.97

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1302	2.5	7.22	297	16.8	PRE: 0.9	PRE: -59
1310	5.0	7.29	304	17.6		
1317	7.0	7.31	310	18.1		
					POST: 1.2	POST: -113

LABORATORY INFORMATION

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

COMMENTS: Petro / 8"/2

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 | Job Number: 386956
Site Address: 3810 Broadway | Event Date: 12-20-10 (inclusive)
City: Oakland, CA | Sampler: AW

Well ID: MW-10 | Date Monitored: 12-20-10
Well Diameter: 2 in.
Total Depth: 33.10 ft.
Depth to Water: 20.45 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.

12.65 xVF .17 = 2.15 x3 case volume = Estimated Purge Volume: 6.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.98

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: Cloudy
Sample Time/Date: 1245 / 12-20-10 | Water Color: Cloudy | Odor: Y / N Strong
Approx. Flow Rate: — gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 22.36

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (MS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1220	2.0	7.09	229	17.7	PRE: —	PRE: —
1225	4.0	7.13	249	17.9		
1230	6.5	7.17	255	18.2		
					POST: —	POST: —

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO (8015)

COMMENTS: Emco 12/11/2

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12-20-10 (inclusive)
City: Oakland, CA Sampler: AW

Well ID MW-11 Date Monitored: 12-20-10
Well Diameter 2 in.
Total Depth 39.20 ft.
Depth to Water 29.05 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

10.15 xVF .17 = 1.72 x3 case volume = Estimated Purge Volume: 5.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.08

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Discrete Bailer	
Suction Pump		Peristaltic Pump	
Grundfos		QED Bladder Pump	
Peristaltic Pump		Other:	
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): 1050 Weather Conditions: Cloudy
Sample Time/Date: 1120 / 12-20 Water Color: Cloudy Odor: Y / N
Approx. Flow Rate: — gpm. Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 30.77

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1055	2.0	7.36	219	14.9	PRE: —	PRE: —
1100	4.0	7.39	236	15.6		
1105	5.5	7.40	241	16.6		
					POST: —	POST: —

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-11	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO (8015)

COMMENTS: Pemco /12"/ 1B

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 | Job Number: 386956
Site Address: 3810 Broadway | Event Date: 12-20-10 (inclusive)
City: Oakland, CA | Sampler: BW

Well ID: MW-12 | Date Monitored: 12-20-10
Well Diameter: 2 in.
Total Depth: 29.51 ft.
Depth to Water: 22.07 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

7.44 xVF .17 = 1.26 x3 case volume = Estimated Purge Volume: 4.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.56

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

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

Start Time (purge): 1340 | Weather Conditions: Cloudy
Sample Time/Date: 1405 / 12-20-10 | Water Color: Cloudy | Odor: (Y) N Strong
Approx. Flow Rate: — gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 23.29

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1345	1.5	7.37	518	17.7	PRE: —	PRE: —
1350	3.0	7.41	522	16.2		
1355	4.0	7.41	530	18.5		
					POST: —	POST: —

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-12	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO (8015)

COMMENTS: Board / 8"/3 -OK

Add/Replaced Lock: Add/Replaced Pl

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

122810-07

For Lancaster Laboratories use only

Acct. #: _____ Sample # _____ Group #: 020286

Facility #: SS#211283-OML G-R#386956 Global ID#T0600101108

Site Address: 3810 BROADWAY, OAKLAND, CA

Chevron PM: EF 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: Alex Worcy

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 (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air	Total Number of Containers	BTEX + MTBE 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	ETHANOL (8260) (H)
QA	12-20-10		X			X		2	X	X						
MW-4	↓	1040	X			X		8	X	X	X					X
MW-5B		0955	X			X		8	X	X	X					X
MW-6		1445	X			X		8	X	X	X					X
MW-7		1205	X			X		8	X	X	X					X
MW-9		1330	X			X		8	X	X	X					X
MW-10		1245	X			X		8	X	X	X					X
MW-11		1120	X			X		8	X	X	X					X
MW-12	↓	1405	X			X		8	X	X	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

Relinquished by:	Date	Time	Received by:	Date	Time
	12-20-10	1510		12/17/10	1510
Relinquished by:	Date	Time	Received by:	Date	Time
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

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

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

January 06, 2011

Project: 211283

Submittal Date: 12/22/2010
Group Number: 1226734
PO Number: 0015060774
Release Number: FROHNAPPLE
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-101220 NA Water	6172416
MW-4-W-101220 Grab Water	6172417
MW-5B-W-101220 Grab Water	6172418
MW-6-W-101220 Grab Water	6172419
MW-7-W-101220 Grab Water	6172420
MW-9-W-101220 Grab Water	6172421
MW-10-W-101220 Grab Water	6172422
MW-11-W-101220 Grab Water	6172423
MW-12-W-101220 Grab Water	6172424

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

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,

Robin C. Runkle
Senior Specialist

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

Sample Description: **QA-T-101220 NA Water**
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 QA

LLI Sample # WW 6172416
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

1283Q

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	F103642AA	12/30/2010 07:29	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 07:29	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 13:51	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 13:51	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: **MW-4-W-101220 Grab Water**
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-4

LLI Sample # WW 6172417
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 10:40 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

12834

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**	
06609	TPH-DRO CA C10-C28	n.a.	170	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	UST VOCs by 8260B - Water	SW-846 8260B	1	F103642AA	12/30/2010 11:33	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 11:33	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 17:54	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 17:54	Marie D John	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103570002A	12/24/2010 16:38	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103570002A	12/23/2010 13:30	Kelli M Barto	1

Lancaster Laboratories

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Analysis Report

Sample Description: **MW-5B-W-101220 Grab Water**
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-5B

LLI Sample # WW 6172418
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 09:55 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

12835

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	3	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	24	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.	150	50	1
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	370	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	UST VOCs by 8260B - Water	SW-846 8260B	1	F103642AA	12/30/2010 11:55	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 11:55	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 18:18	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 18:18	Marie D John	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103570002A	12/24/2010 15:32	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103570002A	12/23/2010 13:30	Kelli M Barto	1

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Analysis Report

Sample Description: **MW-6-W-101220 Grab Water**
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-6

LLI Sample # WW 6172419
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 14:45 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

12836

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	150	0.5	1
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	2	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	3	0.5	1
10943	Toluene	108-88-3	3	0.5	1
10943	Xylene (Total)	1330-20-7	4	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,900	50	1
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	1,000	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F103642AA	12/30/2010 12:17	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 12:17	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 18:42	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 18:42	Marie D John	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103570002A	12/24/2010 15:54	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103570002A	12/23/2010 13:30	Kelli M Barto	1

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Analysis Report

Sample Description: **MW-7-W-101220 Grab Water**
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-7

LLI Sample # WW 6172420
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 12:05 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

12837

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**	
06609	TPH-DRO CA C10-C28	n.a.	52	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	UST VOCs by 8260B - Water	SW-846 8260B	1	F103642AA	12/30/2010 12:38	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 12:38	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 19:06	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 19:06	Marie D John	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103570002A	12/24/2010 16:16	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	103570002A	12/23/2010 13:30	Kelli M Barto	1

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Analysis Report

Sample Description: MW-9-W-101220 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-9

LLI Sample # WW 6172421
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 13:30 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

12839

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**	
06609	TPH-DRO CA C10-C28	n.a.	58	53	1

The LCS/LCSD recoveries for DRO are outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction. Similar results were obtained in both extracts. The client was notified and approved reporting the out of hold data.

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	F103642AA	12/30/2010 13:00	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 13:00	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 19:31	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 19:31	Marie D John	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103620022A	12/29/2010 10:42	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	2	103620022A	12/28/2010 23:30	Sherry L Morrow	1

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Analysis Report

Sample Description: **MW-10-W-101220 Grab Water**
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-10

LLI Sample # WW 6172422
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 12:45 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

28310

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	0.6	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	3	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.	300	50	1
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	1,200	52	1

The LCS/LCSD recoveries for DRO are outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction. The DRO result for the original extraction is 1,700 ug/l. The client was notified and approved reporting the out of hold data.

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	F103642AA	12/30/2010 13:22	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 13:22	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 19:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 19:55	Marie D John	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103620022A	12/29/2010 12:52	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	2	103620022A	12/28/2010 23:30	Sherry L Morrow	1

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Analysis Report

Sample Description: MW-11-W-101220 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-11

LLI Sample # WW 6172423
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 11:20 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

28311

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**	
06609	TPH-DRO CA C10-C28	n.a.	150	53	1

The LCS/LCSD recoveries for DRO are outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction. The DRO result for the original extraction is 220 ug/l. The client was notified and approved reporting the out of hold data.

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	F103642AA	12/30/2010 13:44	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 13:44	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10357A53A	12/24/2010 20:19	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10357A53A	12/24/2010 20:19	Marie D John	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103620022A	12/29/2010 11:04	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	2	103620022A	12/28/2010 23:30	Sherry L Morrow	1

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Analysis Report

Sample Description: **MW-12-W-101220 Grab Water**
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-12

LLI Sample # WW 6172424
LLI Group # 1226734
Account # 10904

Project Name: 211283

Collected: 12/20/2010 14:05 by AW

Submitted: 12/22/2010 10:55
Reported: 01/06/2011 16:11

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

28312

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	500	5	10
10943	Ethanol	64-17-5	N.D.	50	1
10943	Ethylbenzene	100-41-4	260	5	10
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	82	0.5	1
10943	Xylene (Total)	1330-20-7	800	5	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	4,800	250	5
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	1,100	53	1

The LCS/LCSD recoveries for DRO are outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction. Similar results were obtained in both extracts. The client was notified and approved reporting the out of hold data.

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	F103642AA	12/30/2010 14:06	Anita M Dale	1
10943	UST VOCs by 8260B - Water	SW-846 8260B	1	F103642AA	12/30/2010 14:27	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F103642AA	12/30/2010 14:06	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F103642AA	12/30/2010 14:27	Anita M Dale	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10362A53A	12/28/2010 19:20	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	10362A53A	12/28/2010 19:20	Martha L Seidel	5
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	103620022A	12/29/2010 12:09	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	2	103620022A	12/28/2010 23:30	Sherry L Morrow	1

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1226734
Reported: 01/06/11 at 04:11 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: F103642AA	Sample number(s): 6172416-6172424							
Benzene	N.D.	0.5	ug/l	97		79-120		
Ethanol	N.D.	50.	ug/l	101		54-149		
Ethylbenzene	N.D.	0.5	ug/l	95		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	90		76-120		
Toluene	N.D.	0.5	ug/l	98		79-120		
Xylene (Total)	N.D.	0.5	ug/l	96		80-120		
Batch number: 10357A53A	Sample number(s): 6172416-6172423							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	91	91	75-135	0	30
Batch number: 10362A53A	Sample number(s): 6172424							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	89	84	75-135	6	30
Batch number: 103570002A	Sample number(s): 6172417-6172420							
TPH-DRO CA C10-C28	N.D.	32.	ug/l	85	94	56-122	10	20
Batch number: 103620022A	Sample number(s): 6172421-6172424							
TPH-DRO CA C10-C28	N.D.	32.	ug/l	93	89	56-122	4	20

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F103642AA	Sample number(s): 6172416-6172424 UNSPK: P172427								
Benzene	103	104	80-126	1	30				
Ethanol	100	100	37-164	0	30				
Ethylbenzene	102	104	71-134	3	30				
Methyl Tertiary Butyl Ether	93	101	72-126	9	30				
Toluene	103	104	80-125	0	30				
Xylene (Total)	102	103	79-125	2	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.

Analysis Name: UST VOCs by 8260B - Water

*- 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: 1226734
Reported: 01/06/11 at 04:11 PM

Surrogate Quality Control

Batch number: F103642AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6172416	98	97	100	98
6172417	98	98	100	100
6172418	98	98	100	102
6172419	100	94	101	105
6172420	101	96	102	101
6172421	101	97	99	102
6172422	100	98	101	101
6172423	103	98	101	101
6172424	98	93	103	109
Blank	97	96	100	99
LCS	99	98	100	101
MS	98	98	100	102
MSD	97	98	100	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10357A53A

	Trifluorotoluene-F
6172416	71
6172417	69
6172418	71
6172419	126
6172420	67
6172421	68
6172422	75
6172423	67
Blank	76
LCS	89
LCSD	88
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10362A53A

	Trifluorotoluene-F
6172424	78
Blank	74
LCS	88
LCSD	88
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28
Batch number: 103570002A

	Orthoterphenyl
6172417	77
6172418	77
6172419	76
6172420	88
Blank	82

*- 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: 1226734
Reported: 01/06/11 at 04:11 PM

Surrogate Quality Control

LCS	101
LCSD	103
Limits:	59-131

Analysis Name: TPH-DRO CA C10-C28
Batch number: 103620022A

	Orthoterphenyl
6172421	95
6172422	101
6172423	94
6172424	104
Blank	101
LCS	123
LCSD	118
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

Lancaster Laboratories

122816-07 Acct. #: 10904 Sample # 6172416-24 Group #: 020286

For Lancaster Laboratories use only

1226734

Facility #: SS#211283-OML G-R#386956 Global ID#T0600101108

Site Address: 3810 BROADWAY, OAKLAND, CA

Chevron PM: EF 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: Alex Wong

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	Analyses Requested / Preservation Codes: BTEX + MTBE 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 ____	ETHANOL (8260) (H)
QA	12-20-10		X			X		2	X	X						
MW-4		1040	X			X		8	X	X	X					X
MW-5B		0955	X			X		8	X	X	X					X
MW-6		1445	X			X		8	X	X	X					X
MW-7		1205	X			X		8	X	X	X					X
MW-9		1330	X			X		8	X	X	X					X
MW-10		1245	X			X		8	X	X	X					X
MW-11		1120	X			X		8	X	X	X					X
MW-12	↓	1405	X			X		8	X	X	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:	12-20-10	1516	Received by:	20 DEC 10	1516
Relinquished by:	12/20/10	1700	Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt 0.8-1.5 C°			Custody Seals Intact? Yes No		

Explanation of Symbols and Abbreviations

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

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

< less than - The number following the sign is the 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 (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-1													
06/28/96	86.69	21.77	64.92	--	<50	<100	<0.5	<1.0	<1.0	<2.0	--	--	--
10/10/96	86.69	23.26	63.43	--	<400	520	9.2	53	17	70	22	16[1]	--
11/07/96	86.69	23.27	63.42	--	--	--	--	--	--	--	--	--	--
12/18/97	86.69	19.70	66.99	--	<50	2,200	<3.0	<3.0	<3.0	<3.0	<200	--	--
04/06/98	86.69	16.88	69.81	--	<50	1,600	16.4	0.8	<0.5	<0.5	38.3	--	--
06/18/98	86.69	19.78	66.91	--	280	330	7.8	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98	86.69	21.71	64.98	--	150	<50	1.5	<0.5	<0.5	<0.5	<2.5	--	--
12/21/98	86.69	22.15	64.54	--	130	130	2.3	0.90	<0.5	<0.5	110	13	--
03/24/99	86.69	19.55	67.14	--	305	1,520	11.7	<2.50	<2.50	<2.50	21.6	<25.0	--
06/25/99	86.69	21.60	65.09	--	207	231	5.29	<0.500	<0.500	<0.500	3.94	1.01	--
09/24/99	86.69	22.58	64.11	--	71.7	58.6	6.03	<0.500	<0.500	<0.500	3.70	--	--
12/29/99	86.69	22.81	63.88	--	345	117	4.26	<0.500	<0.500	1.97	26.2	<0.500	--
03/21/00	86.69	19.00	67.69	--	319	834	<0.500	<0.500	<0.500	<0.500	21.5	--	--
07/26/00	86.69	21.50	65.19	--	125	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
09/06/00	86.69	21.90	64.79	--	192	88.1	15.60	<0.500	<0.500	<0.500	--	--	--
11/29/00	86.92	22.05	64.87	--	331	<50.0	3.52	<0.500	<0.500	<0.500	--	--	--
03/06/01	86.92	19.79	67.13	--	--	--	--	--	--	--	--	--	--
03/23/01	86.92	20.15	66.77	--	--[5]	204	10.7	<0.500	<0.500	<0.500	--	--	--
06/19/01[6]	86.92	21.78	65.14	--	330	<50	<0.50	<0.50	<0.50	<0.50	--	0.87	--
09/05/01[6]	86.92	24.37	62.55	--	400	74	<0.50	0.63	<0.50	2.7	--	<5.0	--
12/20/01[6]	86.92	20.25	66.67	--	530	59	1.7	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	86.69	21.64	65.05	0.00	490[9]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	86.69	22.44	64.25	0.00	180	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	86.69	21.49	65.20	0.00	320	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	86.69	20.92	65.77	0.00	UNABLE TO SAMPLE - BEND IN WELL				--	--	--	--	--
06/23/03[10]	86.69	21.34	65.35	0.00	310	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03[10]	86.69	22.46	64.23	0.00	150	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03[10]	86.69	22.10	64.59	0.00	350	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04[10]	86.69	20.42	66.27	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
06/21/04[10]	86.69	21.93	64.76	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04[10]	86.69	22.99	63.70	0.00	240	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04[10]	86.69	21.78	64.91	0.00	320[9]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05[10]	86.69	19.28	67.41	0.00	400[9]	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-1 (cont)														
06/27/05[10]		86.69	20.82	65.87	0.00	200[12]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05[10]		86.69	22.17	64.52	0.00	62	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/19/05[10]		86.69	22.06	64.63	0.00	360[16]	<50	<0.5	0.8	<0.5	<0.5	--	<0.5	<50
03/27/06[10]		86.69	18.27	68.42	0.00	320	77	<0.5	0.5	2	4	--	0.7	<50
06/26/06[10]		86.69	20.20	66.49	0.00	290	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06[10]		86.69	21.86	64.83	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06		86.69	21.60	65.09	UNABLE TO SAMPLE - DUE TO BENT WELL CASING					--	--	--	--	--
03/19/07[10]	NP[18]	86.69	20.82	65.87	0.00	630	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07[10]	NP[18]	86.69	28.62	58.07	0.00	4,100[19]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/24/07		86.69	DRY	--	--	--	--	--	--	--	--	--	--	--
12/18/07		86.69	29.35	57.34	UNABLE TO SAMPLE - DUE TO INSUFFICIENT WATER					--	--	--	--	--
03/11/08		86.69	28.41	58.28	UNABLE TO SAMPLE - DUE TO BENT WELL CASING					--	--	--	--	--
06/11/08[10]	NP[18]	86.69	25.87	60.82	0.00	2,200	760	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08[10]	NP[18]	86.69	24.18	62.51	0.00	700	190	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/08[10]		86.69	23.30	63.39	0.00	290	65	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/23/09[10]	NP[18]	86.69	21.35	65.34	0.00	1,500	<50	<0.5	<0.5	<0.5	<0.5	--	0.9	<50
06/22/09[10]	NP[18]	86.69	22.06	64.63	0.00	87	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/02/09[10]		86.69	25.02	61.67	0.00	530	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/10[10]	**NP[18]**	**86.69**	**24.83**	**61.86**	**0.00**	**340**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**	**<50**
MW-4														
06/28/96		83.31	18.83	64.48	--	<50	<100	<0.5	<1.0	<1.0	<2.0	--	--	--
10/10/96		83.31	19.84	63.47	--	<50	650	3.9	65	22	120	<5.0	--	--
11/07/96		83.31	19.84	63.47	--	--	--	--	--	--	--	--	--	--
12/18/97		83.31	17.77	65.54	--	2,000	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
04/06/98		83.31	15.45	67.86	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
06/18/98		83.31	16.89	66.42	--	53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98		83.31	18.48	64.83	--	60	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/21/98		83.31	18.80	64.51	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/24/99		83.31	16.70	66.61	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
06/25/99		83.31	18.16	65.15	--	128	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
09/24/99		83.31	19.12	64.19	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-4 (cont)													
12/29/99	83.31	19.08	64.23	--	169	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--
03/21/00	83.31	16.10	67.21	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
07/26/00	83.31	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
09/06/00	83.31	18.52	64.79	--	--[5]	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
11/29/00	83.63	18.75	64.88	--	183	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
03/06/01	83.63	17.81	65.82	--	50.9	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
06/19/01[6]	83.63	18.55	65.08	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01[6]	83.63	19.10	64.53	--	710	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
12/20/01[6]	83.63	17.55	66.08	--	460	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	83.31	18.39	64.92	0.00	250	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	83.31	19.16	64.15	0.00	160	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	83.31	18.14	65.17	0.00	56	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	83.31	17.76	65.55	0.00	180	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/23/03[10]	83.31	18.13	65.18	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03[10]	83.31	19.08	64.23	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03[10]	83.31	18.78	64.53	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04[10]	83.31	17.31	66.00	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04[10]	83.31	18.67	64.64	0.00	87	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04[10]	83.31	19.58	63.73	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04[10]	83.31	18.59	64.72	0.00	66[9]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05[10]	83.31	16.82	66.49	0.00	71[9]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05[10]	83.31	17.61	65.70	0.00	120[12]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05[10]	83.31	19.00	64.31	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/19/05[10]	83.31	18.69	64.62	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/27/06[10]	83.31	15.05	68.26	0.00	160	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06[10]	83.31	16.81	66.50	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06[10]	83.31	18.59	64.72	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06[10]	83.31	18.26	65.05	0.00	250	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07[10]	83.31	17.62	65.69	0.00	93	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07[10]	83.31	24.82	58.49	0.00	4,600[19]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/24/07[10]	83.31	26.76	56.55	0.00	4,300	94	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
12/18/07[10]	83.31	25.91	57.40	0.00	3,700	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
03/11/08[10]	83.31	25.15	58.16	0.00	430	54	<0.5	<0.5	<0.5	<0.5	--	0.6	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-4 (cont)													
06/11/08[10]	83.31	22.53	60.78	0.00	520	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08[10]	83.31	20.99	62.32	0.00	59	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/08[10]	83.31	19.93	63.38	0.00	260	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/23/09[10]	83.31	18.17	65.14	0.00	74	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/22/09[10]	83.31	18.90	64.41	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/02/09[10]	83.31	21.63	61.68	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/10[10]	**83.31**	**21.56**	**61.75**	**0.00**	**56**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**	**<50**
MW-5B													
06/25/02[7]	85.36	20.48	64.88	0.00	320	660	89	1.9	39	11	130	--	--
09/18/02	85.36	21.18	64.18	0.00	480	1,100	220	1.2	19	<1.5	35	--	--
12/19/02	85.36	20.36	65.00	0.00	330	<50	<0.50	<0.50	<0.50	<1.5	190	--	--
03/20/03	85.36	INACCESSIBLE - VEHICLE OVER WELL				--	--	--	--	--	--	--	--
06/23/03[10]	85.36	20.18	65.18	0.00	300	<50	<0.5	<0.5	<0.5	<0.5	--	290	--
09/22/03[10]	85.36	21.19	64.17	0.00	200	91	19	<0.5	3	<0.5	--	260	<50
12/22/03[10]	85.36	20.85	64.51	0.00	410	99	18	<0.5	<0.5	<0.5	--	52	<50
03/22/04[10]	85.36	19.26	66.10	0.00	400	<50	<0.5	<0.5	<0.5	<0.5	--	210	<50
06/21/04[10]	85.36	20.70	64.66	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	100	<50
09/20/04[10]	85.36	21.69	63.67	0.00	430	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50
12/20/04[10]	85.36	20.56	64.80	0.00	400[9]	<50	<0.5	<0.5	<0.5	<0.5	--	48	<50
03/28/05[10]	85.36	18.12	67.24	0.00	480[9]	<50	<0.5	<0.5	<0.5	<0.5	--	67	<50
06/27/05[10]	85.36	19.61	65.75	0.00	350[13]	<50	<0.5	<0.5	<0.5	<0.5	--	57	<50
09/19/05[10]	85.36	20.88	64.48	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	32	<50
12/19/05[10]	85.36	20.74	64.62	0.00	330[16]	<50	<0.5	<0.5	<0.5	<0.5	--	21	<50
03/27/06[10]	85.36	17.10	68.26	0.00	550	<50	<0.5	<0.5	<0.5	<0.5	--	31	<50
06/26/06[10]	85.36	19.05	66.31	0.00	410	<50	<0.5	<0.5	<0.5	<0.5	--	30	<50
09/25/06[10]	85.36	20.61	64.75	0.00	320	<50	<0.5	<0.5	<0.5	<0.5	--	25	<50
12/18/06[10]	85.36	20.35	65.01	0.00	580	<50	<0.5	<0.5	<0.5	<0.5	--	14	<50
03/19/07[10]	85.36	19.62	65.74	0.00	170	<50	<0.5	<0.5	<0.5	<0.5	--	24	<50
06/25/07[10]	85.36	26.94	58.42	0.00	950[19]	250[19]	2	<0.5	0.6	1	--	15	<50
09/24/07[10]	85.36	28.78	56.58	0.00	1,300	1,900	5	0.6	3	5	--	25	<50
12/18/07[10]	85.36	27.98	57.38	0.00	560	2,100	19	<0.5	2	4	--	28	<50

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-5B (cont)													
03/11/08[10]	85.36	27.17	58.19	0.00	290	640	16	<0.5	4	0.5	--	38	<50
06/11/08[10]	85.36	24.51	60.85	0.00	280	1,100	20	<0.5	6	1	--	21	<50
09/22/08[10]	85.36	22.85	62.51	0.00	110	280	9	<0.5	<0.5	<0.5	--	22	<50
12/22/08[10]	85.36	22.00	63.36	0.00	220	200	2	<0.5	<0.5	<0.5	--	25	<50
03/23/09[10]	85.36	20.20	65.16	0.00	240	97	<0.5	<0.5	<0.5	<0.5	--	11	<50
06/22/09[10]	85.36	20.92	64.44	0.00	97	220	<0.5	<0.5	<0.5	<0.5	--	7	<50
12/02/09[10]	85.36	23.74	61.62	0.00	130	130	<0.5	<0.5	<0.5	<0.5	--	8	<50
06/26/10[10]	**85.36**	**23.60**	**61.76**	**0.00**	**130**	**160**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**17**	**<50**
MW-6													
10/10/96	86.09	22.44	63.65	--	500	45,000	8,300	2,900	810	3,100	190	40[1]	--
11/07/96	86.09	22.60	63.49	--	--	--	--	--	--	--	--	--	--
12/18/97	86.09	22.28	63.81	--	1,900	60,000	12,000	9,800	1,800	8,600	<2,000	--	--
04/06/98	86.09	19.90	66.19	--	<50	30,500	5,950	3,720	952	3,750	<1,000	--	--
06/18/98	86.09	20.49	65.60	--	1,100	23,000	2,600	540	410	1,300	<250	--	--
08/31/98	86.09	21.05	65.04	--	1,800	17,000	3,400	460	530	1,800	<250	--	--
12/21/98	86.09	21.74	64.35	--	930	7,900	1,900	510	280	730	150	2.6	--
03/24/99	86.09	21.18	64.91	--	763	12,200	1,970	327	338	794	<40.0	<50.0	--
06/25/99	86.09	21.34	64.75	--	1,050	14,800	2,040	1,080	406	1,430	<40.0	--	--
09/24/99	86.09	22.28	63.81	--	1,720	17,200	2,810	1,330	489	2,340	<50.0	--	--
12/29/99	86.09	24.96	61.13	--	1,480	14,700	2,790	974	469	1,720	<500	--	--
03/21/00	86.09	18.70	67.39	--	1,120	20,000	4,160	962	719	2,330	<250	--	--
07/26/00	86.09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
09/06/00	86.09	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
11/29/00	86.48	21.30	65.18	--	2,060	22,800	4,120	2,010	872	3,180	--	--	--
03/06/01	86.48	19.05	67.43	--	2,220	32,100	3,760	4,590	1,160	5,360	--	--	--
06/19/01[6]	86.48	21.11	65.37	--	<1,500	40,000	2,800	6,000	1,200	5,300	--	<25	--
09/05/01[6]	86.48	21.37	65.11	--	<1,000	18,000	3,800	800	730	1,400	--	<200	--
12/20/01[6]	86.48	19.80	66.68	--	<1,300	29,000	2,600	3,700	1,100	4,100	--	<100	--
06/25/02	86.09	21.13	64.96	0.00	2,500	21,000	2,200	1,800	850	2,100	<100	--	--
09/18/02	86.09	22.00	64.09	0.00	1,300	13,000	1,700	480	610	970	110	--	--
12/19/02	86.09	20.98	65.11	0.00	2,700	20,000	2,900	620	770	2,100	<20	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-6 (cont)													
03/20/03	86.09	20.23	65.86	0.00	2,600	23,000	1,500	2,200	920	3,400	<100	--	--
06/23/03[10]	86.09	20.96	65.13	0.00	2,400	21,000	2,000	1,400	890	2,500	--	6	--
09/22/03[10]	86.09	21.95	64.14	0.00	1,800	7,400	920	220	360	580	--	5	<50
12/22/03[10]	86.09	21.63	64.46	0.00	2,300	9,700	1,700	240	450	1,000	--	6	<100[11]
03/22/04[10]	86.09	20.31	65.78	0.00	2,700	23,000	1,500	1,400	830	2,800	--	4	<250
06/21/04[10]	86.09	20.64	65.45	0.00	2,800	20,000	2,000	2,300	1,100	3,800	--	4	<130
09/20/04[10]	86.09	22.29	63.80	0.00	1,300	4,600	480	65	200	260	--	4	<100
12/20/04[10]	86.09	21.33	64.76	0.00	1,500	9,500	1,500	220	450	840	--	5	<250
03/28/05[10]	86.09	19.65	66.44	0.00	2,400[9]	13,000	1,100	550	600	1,600	--	3	<250
06/27/05[10]	86.09	19.86	66.23	0.00	2,100[14]	15,000	1,100	1,300	790	2,600	--	3	<100
09/19/05[10]	86.09	20.49	65.60	0.00	2,300	18,000	1,300	1,200	800	2,500	--	3	<100
12/19/05[10]	86.09	21.49	64.60	0.00	1,900[14]	13,000	1,900	190	620	890	--	5	110
03/27/06[10]	86.09	18.28	67.81	0.00	1,300	14,000	740	420	600	1,400	--	2	<50
06/26/06[10]	86.09	19.08	67.01	0.00	2,300	23,000	660	1,700	870	3,000	--	<3	<250
09/25/06[10]	86.09	20.02	66.07	0.00	2,100	18,000	580	1,200	760	2,600	--	1	<100
12/18/06[10]	86.09	20.57	65.52	0.00	2,700	14,000	1,200	370	680	1,300	--	4	<50
03/19/07[10]	86.09	20.56	65.53	0.00	2,700	17,000	990	560	840	2,100	--	3	<100
06/25/07	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--
09/24/07	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--
12/18/07	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--
03/11/08	86.09	DRY	--	--	--	--	--	--	--	--	--	--	--
06/11/08[10]	86.09	25.35	60.74	0.00	820	1,400	110	<0.5	6	0.8	--	4	<50
09/22/08[10]	86.09	23.51	62.58	0.00	780	1,400	52	<0.5	6	1	--	6	<50
12/22/08[10]	86.09	22.75	63.34	0.00	880	1,100	39	<0.5	1	<0.5	--	6	<50
03/23/09[10]	86.09	20.48	65.61	0.00	2,100	7,900	460	140	470	1,200	--	3	<50
06/22/09[10]	86.09	21.40	64.69	0.00	1,900	7,300	370	210	330	810	--	4	<50
12/02/09[10]	86.09	24.48	61.61	0.00	1,200	3,200	170	10	39	42	--	3	<50
06/26/10[10]	**86.09**	**24.14**	**61.95**	**0.00**	**1,300**	**2,800**	**230**	**14**	**110**	**120**	--	**3**	**<50**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-7													
10/10/96	84.11	20.78	63.33	--	<50	<50	0.6	<0.5	<0.5	<0.5	<5.0	--	--
11/07/96	84.11	20.80	63.31	--	--	--	--	--	--	--	--	--	--
12/18/97	84.11	17.27	66.84	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
04/06/98	84.11	15.91	68.20	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
06/18/98	84.11	17.95	66.16	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98	84.11	19.40	64.71	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/21/98	84.11	19.75	64.36	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/24/99	84.11	17.54	66.57	--	51.3	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
06/25/99	84.11	19.22	64.89	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
09/24/99	84.11	20.18	63.93	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
12/29/99	84.11	20.15	63.96	--	99.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--
03/21/00	84.11	16.35	67.76	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
07/26/00	84.11	18.99	65.12	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
09/06/00	84.11	19.49	64.62	--	--[5]	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
11/29/00	84.44	19.52	64.92	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
03/06/01	84.44	17.15	67.29	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
06/19/01[6]	84.44	19.30	65.14	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01[6]	84.44	20.22	64.22	--	<50	<50	0.64	0.84	0.94	5.2	--	<5.0	--
12/20/01[6]	84.44	17.85	66.59	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	84.11	19.30	64.81	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	84.11	20.10	64.01	0.00	170	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	84.11	18.73	65.38	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	84.11	18.86	65.25	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/23/03[10]	84.11	19.00	65.11	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03[10]	84.11	20.05	64.06	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03[10]	84.11	19.72	64.39	0.00	72	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04[10]	84.11	17.94	66.17	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04[10]	84.11	19.53	64.58	0.00	73	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04[10]	84.11	20.59	63.52	0.00	69	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04[10]	84.11	19.43	64.68	0.00	67[9]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05[10]	84.11	16.68	67.43	0.00	69[9]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05[10]	84.11	18.43	65.68	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-7 (cont)														
09/19/05[10]		84.11	19.77	64.34	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/19/05[10]		84.11	19.38	64.73	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/27/06[10]		84.11	15.51	68.60	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06[10]		84.11	17.85	66.26	0.00	70	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06[10]		84.11	19.53	64.58	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06[10]		84.11	19.28	64.83	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07[10]		84.11	18.32	65.79	0.00	81	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07[10]		84.11	26.92	57.19	0.00	65	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/24/07[10]		84.11	28.32	55.79	0.00	<150	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
12/18/07[10]		84.11	27.61	56.50	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
03/11/08[10]		84.11	26.63	57.48	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
06/11/08[10]		84.11	23.43	60.68	0.00	98	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08[10]		84.11	21.69	62.42	0.00	54	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/08[10]		84.11	20.78	63.33	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/23/09[10]	NP[22]	84.11	18.45	65.66	0.00	58	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/22/09[10]		84.11	19.70	64.41	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/02/09[10]		84.11	22.40	61.71	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/10[16]		**84.11**	**22.44**	**61.67**	**0.00**	**68**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	**<0.5**	**<50**
MW-9														
10/10/96		82.17	18.62	63.55	--	520	80	2.5	13	2.2	13	<5.0	--	--
11/07/96		82.17	63.53	18.64	--	--	--	--	--	--	--	--	--	--
12/18/97		82.17	16.42	65.75	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
04/06/98		82.17	14.00	68.17	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--	--
06/18/98		82.17	15.33	66.84	--	100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98		82.17	17.14	65.03	--	57	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/21/98		82.17	17.40	64.77	--	71	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/24/99		82.17	16.22	65.95	--	84.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
06/25/99		82.17	16.90	65.27	--	92.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	--
09/24/99		82.17	17.89	64.28	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
12/29/99		82.17	18.01	64.16	--	52.8	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--
03/21/00		82.17	14.80	67.37	--	72.4	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-9 (cont)													
07/26/00	82.17	17.17	65.00	--	83.6	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--
09/06/00	82.17	17.95	64.22	--	74.3	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
11/29/00	82.52	18.10	64.42	--	96.2	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
03/06/01	82.52	16.75	65.77	--	94.2	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
06/19/01[6]	82.52	17.83	64.69	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01[6]	82.52	17.98	64.54	--	<50	<50	<0.50	<0.50	<0.50	1.6	--	<5.0	--
12/20/01[6]	82.52	16.85	65.67	--	84	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	82.17	17.12	65.05	0.00	100	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	82.17	17.76	64.41	0.00	170	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	82.17	16.83	65.34	0.00	73	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	82.17	16.61	65.56	0.00	87	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/23/03[10]	82.17	17.14	65.03	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	--
09/22/03[10]	82.17	17.72	64.45	0.00	66	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
12/22/03[10]	82.17	17.44	64.73	0.00	94	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
03/22/04[10]	82.17	16.07	66.10	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
06/21/04[10]	82.17	17.38	64.79	0.00	80	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/20/04[10]	82.17	18.14	64.03	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
12/20/04[10]	82.17	17.15	65.02	0.00	74[9]	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/28/05[10]	82.17	15.47	66.70	0.00	84[9]	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
06/27/05[10]	82.17	16.41	65.76	0.00	140[12]	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
09/19/05[10]	82.17	17.42	64.75	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	5	<50
12/19/05[10]	82.17	17.93	64.24	0.00	52[17]	<50	<0.5	<0.5	<0.5	<0.5	--	5	<50
03/27/06[10]	82.17	13.75	68.42	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	7	<50
06/26/06[10]	82.17	15.90	66.27	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50
09/25/06[10]	82.17	17.27	64.90	0.00	57	<50	<0.5	<0.5	<0.5	<0.5	--	8	<50
12/18/06[10]	82.17	16.67	65.50	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	7	<50
03/19/07[10]	82.17	16.16	66.01	0.00	210	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50
06/25/07[10]	82.17	23.84	58.33	0.00	74	<50	<0.5	<0.5	<0.5	<0.5	--	6	<50
09/24/07[10]	82.17	25.68	56.49	0.00	280	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/18/07	82.17	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/11/08[10]	82.17	24.07	58.10	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/11/08[10]	82.17	21.23	60.94	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08[10]	82.17	19.52	62.65	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-9 (cont)													
11/06/08[10]	82.17	19.15	63.02	0.00	<50[21]	--	--	--	--	--	--	--	--
12/22/08[10]	82.17	18.58	63.59	0.00	190	<50	<0.5	<0.5	<0.5	<0.5	--	7	<50
03/23/09	82.17	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
06/22/09[10]	82.17	17.60	64.57	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	29	<50
12/02/09[10]	82.17	20.44	61.73	0.00	90	<50	<0.5	<0.5	<0.5	<0.5	--	21	<50
06/26/10[10]	**82.17**	**20.38**	**61.79**	**0.00**	**120**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**13**	**<50**
MW-10													
10/10/96	81.83	18.40	63.43	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
11/07/96	81.83	18.43	63.40	--	--	--	--	--	--	--	--	--	--
12/18/97	81.83	16.18	65.65	--	<50	350	6.9	0.87	0.88	0.77	<30	--	--
04/06/98	81.83	14.39	67.44	--	<50	2,300	224	168	81.4	253	<30	--	--
06/18/98	81.83	15.11	66.72	--	320	7,200	310	210	83	280	<0.5	--	--
08/31/98	81.83	17.03	64.80	--	120	460	51	8.2	5.1	10	<5.0	--	--
12/21/98	81.83	17.32	64.51	--	79	120	5.5	<1.0	<1.0	<1.0	8.7	<2.0	--
03/24/99	81.83	15.25	66.58	--	923	1,330	85.9	42.9	29.7	95.2	20.4	<25.0	--
06/25/99	81.83	16.82	65.01	--	167	1,130	115	32.6	17.2	36.3	<4.00	--	--
09/24/99	81.83	17.75	64.08	--	76.7	382	20.0	<1.00	2.21	1.37	8.83	--	--
12/29/99	81.83	18.13	63.70	--	107	114	9.03	<0.500	0.531	<0.500	<5.00	--	--
03/21/00	81.83	14.22	67.61	--	194	1,270	86.3	52.3	38.1	102	19.5	--	--
07/26/00	81.83	16.61	65.22	--	192	562	74.8	7.51	24.3	14.8	13.3	<1.00[4]	--
09/06/00	81.83	17.08	64.75	--	205	606	93.4	5.36	16.7	38.9	--	--	--
11/29/00	82.16	16.90	65.26	--	258	583	40.0	1.46	4.69	15.8	--	--	--
03/06/01	82.16	14.80	67.36	--	199	837	34.2	26.4	20.8	27.5	--	--	--
06/19/01[6]	82.16	16.85	65.31	--	<50	400	47	2.6	8.8	17	--	0.60	--
09/05/01[6]	82.16	17.87	64.29	--	<100	230	20	<0.50	1.2	5.3	--	<5.0	--
12/20/01[6]	82.16	15.54	66.62	--	110	300	13	2.5	1.7	4.6	--	<5.0	--
06/25/02	81.83	16.93	64.90	0.00	180	810	180	3.2	17	8.0	<2.5	--	--
09/18/02	81.83	17.68	64.15	0.00	200	260	24	<2.0	2.5	5.0	2.9	--	--
12/19/02	81.83	16.36	65.47	0.00	86	360	25	0.60	<0.50	1.5	<5.0	--	--
03/20/03	81.83	16.32	65.51	0.00	200	620	21	5.3	6.0	13	<10	--	--
06/23/03[10]	81.83	16.57	65.26	0.00	290	1,500	170	23	40	93	--	0.7	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-10 (cont)													
09/22/03[10]	81.83	17.60	64.23	0.00	180	480	48	3	7	17	--	0.8	<50
12/22/03[10]	81.83	17.31	64.52	0.00	120	230	7	<0.5	<0.5	1	--	0.9	<50
03/22/04[10]	81.83	15.58	66.25	0.00	230	1,500	72	26	30	82	--	0.7	<50
06/21/04[10]	81.83	17.12	64.71	0.00	220	1,000	120	29	47	73	--	2	<50
09/20/04[10]	81.83	18.12	63.71	0.00	230	470	36	5	6	20	--	2	<50
12/20/04[10]	81.83	17.01	64.82	0.00	170[9]	480	13	2	1	7	--	2	<50
03/28/05[10]	81.83	14.64	67.19	0.00	450[9]	1,900	64	46	55	140	--	1	<50
06/27/05[10]	81.83	15.99	65.84	0.00	400[13]	1,700	140	61	33	180	--	3	<50
09/19/05[10]	81.83	17.35	64.48	0.00	170	1,200	98	35	58	110	--	5	<50
12/19/05[10]	81.83	17.12	64.71	0.00	160[14]	1,000	61	23	20	47	--	5	<50
03/27/06[10]	81.83	13.35	68.48	0.00	180	670	6	4	8	11	--	5	<50
06/26/06[10]	81.83	15.10	66.73	0.00	580	4,700	220	110	150	390	--	0.8	<50
09/25/06[10]	81.83	17.10	64.73	0.00	480	4,400	290	180	200	350	--	4	<50
12/18/06[10]	81.83	16.75	65.08	0.00	2,900	2,500	270	97	97	170	--	1	<50
03/19/07[10]	81.83	15.91	65.92	0.00	650	2,000	150	43	52	88	--	1	<50
06/25/07[10]	81.83	24.41	57.42	0.00	7,600[19]	<50[19]	<0.5	<0.5	<0.5	<0.5	--	4	<50
09/24/07[10]	81.83	25.96	55.87	0.00	8,400	88	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/18/07	81.83	INACCESSIBLE - WELL UNDER WATER			--	--	--	--	--	--	--	--	--
03/11/08[10]	81.83	24.56	57.27	0.00	1,200	190	1	<0.5	<0.5	<0.5	--	2	<50
06/11/08[10]	81.83	20.97	60.86	0.00	2,500	190	2	<0.5	<0.5	<0.5	--	2	<50
09/22/08[10]	81.83	19.27	62.56	0.00	--	500	2	<0.5	<0.5	<0.5	--	0.7	<50
11/06/08[10]	81.83	18.92	62.91	0.00	550[21]	--	--	--	--	--	--	--	--
12/22/08[10]	81.83	18.38	63.45	0.00	750	530	1	<0.5	<0.5	<0.5	--	0.8	<50
03/23/09	81.83	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
06/22/09[10]	81.83	17.45	64.38	0.00	1,100	970	26	14	46	79	--	0.6	<50
12/02/09[10]	81.83	20.12	61.71	0.00	86	170	1	<0.5	<0.5	0.9	--	0.9	<50
06/26/10[10]	**81.83**	**20.14**	**61.69**	**0.00**	**93**	**160**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	**2**	**<50**
MW-11													
08/08/00	--	25.61	--	--	--	--	--	--	--	--	--	--	--
08/16/00	--	25.50	--	--	56.80	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
09/06/00	--	25.90	--	--	--[5]	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--

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Groundwater Monitoring Data and Analytical Results

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3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-11 (cont)													
11/29/00	90.63	25.80	64.83	--	63.8	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
03/06/01	90.63	23.32	67.31	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--
06/19/01[6]	90.63	25.57	65.06	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01[6]	90.63	26.42	64.21	--	<50	<50	<0.50	<0.50	<0.50	0.68	--	<5.0	--
12/20/01[6]	90.63	24.27	66.36	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	--[8]	25.51	--[8]	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	--[8]	26.31	--[8]	0.00	80	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	--[8]	25.08	--[8]	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	--[8]	24.87	--[8]	0.00	<50	<50	<0.50	0.51	<0.50	<1.5	<2.5	--	--
06/23/03[10]	--[8]	25.21	--[8]	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03[10]	--[8]	26.26	--[8]	0.00	52	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
12/22/03[10]	--[8]	25.97	--[8]	0.00	69	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/22/04[10]	--[8]	24.13	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04[10]	--[8]	25.74	--[8]	0.00	79	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04[10]	--[8]	26.83	--[8]	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	4	<50
12/20/04[10]	--[8]	25.67	--[8]	0.00	54[9]	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
03/28/05[10]	--[8]	23.03	--[8]	0.00	58[9]	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05[10]	--[8]	24.61	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05[10]	--[8]	25.98	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
12/19/05[10]	--[8]	25.93	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/27/06[10]	--[8]	21.81	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06[10]	--[8]	24.00	--[8]	0.00	64	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06[10]	--[8]	25.75	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06[10]	--[8]	25.55	--[8]	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07[10]	--[8]	24.58	--[8]	0.00	63	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07[10]	--[8]	32.81	--[8]	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/24/07[10]	--[8]	34.24	--[8]	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/18/07[10]	--[8]	33.52	--[8]	0.00	90	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/11/08[10]	--[8]	32.55	--[8]	0.00	52	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/11/08[10]	--[8]	29.77	--[8]	0.00	96	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08[10]	--[8]	27.91	--[8]	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
11/06/08[10]	--[8]	27.65	--[8]	0.00	<50[21]	--	--	--	--	--	--	--	--
12/22/08[10]	--[8]	27.03	--[8]	0.00	61	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-11 (cont)													
03/23/09[10]	--[8]	25.03	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/22/09[10]	--[8]	25.84	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/02/09[10]	--[8]	28.54	--[8]	0.00	<50	<50	<0.5	<0.5	<0.5	0.8	--	<0.5	<50
06/26/10[10]	**--[8]**	**28.58**	**--[8]**	**0.00**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**	**<50**
MW-12													
06/25/02[7]	84.19	18.65	65.54	0.00	410	1,000	340	8.2	16	8.3	11	--	--
09/18/02	84.19	19.67	64.52	0.00	230	130	52	<0.50	<0.50	<1.5	9.8	--	--
12/19/02	84.19	18.67	65.52	0.00	450	<50	11	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	84.19	17.97	66.22	0.00	300	280	120	1.9	11	<1.5	2.6	--	--
06/23/03[10]	84.19	18.27	65.92	0.00	400	400	130	4	1	0.7	--	14	--
09/22/03[10]	84.19	19.52	64.67	0.00	270	<50	9	<0.5	<0.5	<0.5	--	9	<50
12/22/03[10]	84.19	19.75	64.44	0.00	130	720	130	29	10	46	--	2	<50
03/22/04[10]	84.19	17.06	67.13	0.00	240	<50	3	<0.5	<0.5	1	--	0.5	<50
06/21/04[10]	84.19	18.82	65.37	0.00	350	140	43	<0.5	<0.5	<0.5	--	8	<50
09/20/04[10]	84.19	19.99	64.20	0.00	340	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/20/04[10]	84.19	19.46	64.73	0.00	160[9]	1,300	400	28	31	31	--	1	<50
03/28/05[10]	84.19	16.42	67.77	0.00	440[9]	90	24	<0.5	<0.5	<0.5	--	1	<50
06/27/05[10]	84.19	17.53	66.66	0.00	170[13]	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/19/05[10]	84.19	19.04	65.15	0.00	190	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
12/19/05[10]	84.19	19.41	64.78	0.00	340[13]	330	94	5	1	3	--	2	<50
03/27/06[10]	84.19	15.45	68.74	0.00	140	130	33	0.7	1	4	--	0.8	<50
06/26/06[10]	84.19	16.70	67.49	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06[10]	84.19	18.81	65.38	0.00	200	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06[10]	84.19	18.94	65.25	0.00	410	240	68	5	1	1	--	1	<50
03/19/07[10]	84.19	17.83	66.36	0.00	200	55	7	<0.5	<0.5	<0.5	--	2	<50
06/25/07[10]	84.19	25.80	58.39	0.00	1,600[19]	5,500[19]	1,000[19]	190[19]	170[19]	320[19]	--	2	<100
09/24/07[10]	84.19	27.88	56.31	0.00	2,300	<50	0.7	<0.5	<0.5	<0.5	--	1	<50
12/18/07[10]	84.19	27.06	57.13	0.00	550	230	17	<0.5	<0.5	<0.5	--	<0.5	<50
03/11/08[10]	84.19	25.60	58.59	0.00	1,100	7,000	960	330	410	860	--	<1	<100
06/11/08[10]	84.19	23.04	61.15	0.00	1,700	7,100	2,400	170	210	270	--	<1	<130

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-12 (cont)													
09/22/08[10]	84.19	21.48	62.71	0.00	--	13,000	1,800	93	480	1,200	--	16	<100
11/06/08[10]	84.19	21.20	62.99	0.00	1,600[21]	--	--	--	--	--	--	--	--
12/22/08[10]	84.19	20.90	63.29	0.00	1,800	7,700	1,400	220	310	560	--	7	<100
03/23/09[10]	84.19	18.02	66.17	0.00	3,400	4,900	620	170	170	320	--	3	<50
06/22/09[10]	84.19	18.83	65.36	0.00	500	1,100	100	19	35	43	--	1	<50
12/02/09[10]	84.19	22.61	61.58	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/10[10]	**84.19**	**21.83**	**62.36**	**0.00**	**1,200**	**7,600**	**580**	**47**	**36**	**1,400**	--	**<1**	**<100**
MW-2													
06/28/96	85.83	22.10	63.73	1.35	--	--	--	--	--	--	--	--	--
10/10/96	85.83	22.36	63.47	--	1,800	99,000	4,100	9,400	2,300	9,900	390	<25[1]	--
11/07/96	85.83	22.39	63.45**	0.01	--	--	--	--	--	--	--	--	--
12/18/97	85.83	20.19	65.64	--	4,700	24,000	600	1,800	750	2,400	<2,000	--	--
04/06/98	85.83	18.00	67.83	--	9.5	20,100	252	448	430	1,410	<200	--	--
06/18/98	85.83	19.63	66.20	--	5,200	20,000	240	370	270	790	<50	--	--
08/31/98	85.83	21.01	64.82	--	19,000	72,000	270	990	630	1,700	<125	--	--
12/21/98	85.83	21.31	64.52	--	13,000	290	8.7	18	9.7	38	10	29	--
03/24/99	85.83	19.18	66.65	--	5,590	80,400	651	1,860	1,120	3,730	<40.0	<100	--
06/25/99	85.83	20.78	65.05	--	12,100	34,700	504	1,300	716	2,160	<40.0	--	--
09/24/99	85.83	21.82	64.01	--	108	6,510	1,030	350	183	680	<50.0	--	--
12/29/99	85.83	22.17	63.90**	0.30	--	--	--	--	--	--	--	--	--
01/07/00	85.83	22.84	63.30**	0.39	--	--	--	--	--	--	--	--	--
03/21/00	--[3]	18.19	--	--	41,100	54,100	1,260	3,320	2,180	8,200	<1,250	--	--
DESTROYED													
MW-3													
06/28/96	83.18	19.04	64.14	--	--	--	--	--	--	--	--	--	--
10/10/96	83.18	19.51	63.67	--	1,200	110,000	6,600	16,000	2,200	12,000	<250	--	--
11/07/96	83.18	19.40	63.78	--	--	--	--	--	--	--	--	--	--
12/18/97	83.18	18.79	64.39	--	6,100,000	180,000	1,500	16,000	4,600	23,000	<3,000	--	--
04/06/98	83.18	16.58	66.64	0.05	--	--	--	--	--	--	--	--	--
06/18/98	83.18	--	--	>2.0[2]	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-3 (cont)													
08/31/98	83.18	19.56	63.68	0.07	--	--	--	--	--	--	--	--	--
12/21/98	83.18	20.23	65.13	2.73	--	--	--	--	--	--	--	--	--
03/24/99	83.18	16.76	67.11	0.86	--	--	--	--	--	--	--	--	--
06/25/99	83.18	18.47	64.95	0.30	--	--	--	--	--	--	--	--	--
09/24/99	83.18	19.43	63.81	0.08	--	--	--	--	--	--	--	--	--
12/29/99	83.18	19.25	63.96	0.04	--	--	--	--	--	--	--	--	--
01/07/00	83.18	19.87	63.37	0.07	--	--	--	--	--	--	--	--	--
DESTROYED													
MW-5													
10/10/96	85.41	21.93	63.48	--	<50	1,800	34	4.7	11	44	21	5.0[1]	--
11/07/96	85.41	21.96	63.45	--	--	--	--	--	--	--	--	--	--
12/18/97	85.41	19.81	65.60	--	<50	1,200	15	<1.0	15	<1.0	72	--	--
04/06/98	85.41	17.43	67.98	--	<50	1,000	126	0.5	0.8	1.5	<30	--	--
06/18/98	85.41	19.15	66.26	--	100	110	6.9	<0.5	<0.5	<0.5	<0.5	--	--
08/31/98	85.41	20.46	64.95	--	120	480	5.3	<2.5	<2.5	<2.5	<12	--	--
12/21/98	85.41	20.91	64.50	--	100	270	16	2.9	1.3	<1.0	34	<2.0	--
03/24/99	85.41	18.74	66.67	--	93.3	143	2.80	<0.500	0.749	<0.500	<2.00	<5.00	--
06/25/99	85.41	20.31	65.10	--	125	847	6.61	<0.500	0.611	<0.500	2.69	<2.00	--
09/24/99	85.41	21.36	64.05	--	94.0	563	6.00	<2.50	<2.50	<2.50	25.1	--	--
12/29/99	85.41	21.41	64.00	--	173	896	16.6	1.48	8.92	2.67	61.1	<0.500	--
03/21/00	85.41	18.13	67.28	--	158	858	53.7	<1.00	21.4	8.00	11.6	--	--
07/26/00	85.41	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
09/06/00	85.41	20.33	65.08	--	231	670	153	<2.50	7.87	<2.50	--	--	--
11/29/00	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
03/06/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
06/19/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
09/05/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
12/02/01	85.13	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--	--
DESTROYED													

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
MW-8													
10/10/96	84.01	20.82	63.19	--	110	17,000	1,300	1,200	64	1,300	110	<5.0[1]	--
11/07/96	84.01	20.44	63.57	--	--	--	--	--	--	--	--	--	--
12/18/97	84.01	19.36	64.65	--	630	15,000	3,600	1,800	410	930	<600	--	--
04/06/98	84.01	16.19	67.82	--	<50	32,300	8,230	5,900	718	2,120	<1,000	--	--
06/18/98	84.01	17.75	66.26	--	<50	74,000	5,400	4,500	700	2,200	2,400	--	--
08/31/98	84.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
12/21/98	84.01	19.48	64.53	--	1,200	9,600	2,600	410	220	300	700	<2.0	--
03/24/99	84.01	17.44	66.57	--	2,890	86,100	9,890	11,700	1,650	7,130	<200	<250	--
06/25/99	84.01	20.69	63.40**	0.10	--	--	--	--	--	--	--	--	--
07/01/99	84.01	20.45	65.07**	1.89	--	--	--	--	--	--	--	--	--
09/24/99	84.01	20.98	64.25**	1.53	--	--	--	--	--	--	--	--	--
12/29/99	84.01	20.25	63.97**	0.26	--	--	--	--	--	--	--	--	--
01/07/00	84.01	21.00	63.33**	0.40	--	--	--	--	--	--	--	--	--
DESTROYED													
TRIP BLANK													
QA													
06/25/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/23/03[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/22/03[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/22/04[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/21/04[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/20/04[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/20/04[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/28/05[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/27/05[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/19/05[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/19/05[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
QA (cont)													
03/27/06[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/26/06[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/25/06[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/18/06[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/19/07[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/25/07[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/24/07[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/18/07[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/11/08[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/11/08[20]	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/08[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/22/08[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/23/09[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/22/09[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/02/09[10]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/26/10[10]	--	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	**<0.5**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 25, 2002, were compiled from reports prepared by Toxichem Management Systems, Inc.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
(msl) = Mean Sea Level
SPH = Separate-phase hydrocarbons
SPHT = Separate-phase hydrocarbon thickness

TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes

MTBE = Methyl Tertiary Butyl Ether
(ppb) = Parts per billion
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank
NP= No Purge

* TOC elevations were surveyed June 24, 2002, by Morrow Surveying, and are based on City of Oakland Benchmark.

** GWE corrected for the presence of SPH; correction factor = [(TOC - DTW)+(0.80 x SPHT)].

♦ Prior to June 25, 2002, MTBE was analyzed by EPA Method 8020.

1 MTBE confirmed by EPA Method 8240.

2 Free product could not be accurately measured.

3 TOC altered.

4 Analyzed outside EPA recommended hold time.

5 Sample containers broken during transport to laboratory.

6 TPH-GRO and BTEX analyzed by EPA Method 8260.

7 Well development performed.

8 MW-11 was inaccessible during the re-surveying. TOC was not measured.

9 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.

10 BTEX analyzed by EPA Method 8260.

11 Ethanol was previously reported as <50 ppb.

12 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.

13 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.

14 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.

15 Laboratory report indicates the observed sample patterns are not typical of #2 fuel/diesel. They elute in the DRO range earlier and later than #2 fuel.

16 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel and contains individual peaks eluting in the DRO range.

17 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to an individual peak (s) eluting in the DRO range.

18 No purge due to bent casing.

19 Laboratory confirmed analytical result.

20 Sample containers not received at laboratory.

21 Laboratory report indicates the DRO analysis was performed on a resample due to a laboratory error during the extraction / analysis of the first submission.

22 No purge due to wells location in active construction zone.

Table 2

Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID	DATE		D.O. Pre Purging (mg/L)	ORP Pre Purging (mV)	D.O. Mid-Purging (mg/L)	ORP Mid-Purging (mV)	DO Post Purging (mg/L)	ORP Post Purging (mV)
MW-6	09/24/99		1.00	--	--	--	1.20	--
	12/29/99		1.30	--	--	--	1.50	--
	03/21/00		3.00	--	--	--	4.30	--
	11/29/00		2.00	--	--	--	1.80	--
	03/06/01		3.70	--	--	--	4.00	--
	06/19/01		3.00	--	--	--	3.40	--
	09/05/01		10.40	--	--	--	10.80	--
	12/20/01		1.30	--	--	--	1.50	--
	06/25/02		1.00	--	0.60	--	0.40	--
	09/18/02		0.60	58	0.90	69	1.00	72
	12/19/02		1.20	71	--	--	1.10	79
	03/20/03		0.40	-93	--	--	1.60	-87
	06/23/03		0.90	64	--	--	1.20	78
	09/22/03		1.10	70	--	--	1.30	76
	12/22/03		0.90	68	--	--	1.00	70
	03/22/04		1.00	74	--	--	1.20	82
	06/21/04		1.10	72	--	--	1.10	86
	09/20/04		1.20	68	--	--	1.30	76
	12/20/04		1.00	71	--	--	1.10	80
	03/28/05		1.10	75	--	--	1.10	86
	06/27/05		1.10	78	--	--	1.20	90
	09/19/05		2.90	--[1]	--	--	1.20	--[1]
	12/19/05		1.00	69	--	--	1.00	74
	03/27/06		1.60	89	--	--	1.20	75
	06/26/06		1.40	105	--	--	1.20	82
	09/25/06		1.20	103	--	--	1.30	91
	12/18/06		1.20	87	--	--	--[2]	--[2]
	03/19/07		1.9	-57	--	--	1.6	-63
	06/25/07	DRY		--	--	--	--	--
	09/24/07	DRY		--	--	--	--	--
	12/18/07	DRY		--	--	--	--	--
	03/11/08	DRY		--	--	--	--	--
	06/11/08		0.9	53	--	--	1.1	67
	09/22/08		1.3	-27	--	--	1.6	-17
	12/22/08		1.2	-65	--	--	0.9	-54
	03/23/09		0.4	-81	--	--	0.9	-150
	06/22/09		.70	-95	--	--	.60	-84
	12/02/09		0.5	-45	--	--	0.8	-39
	06/26/10		**1.1**	**-67**	--	--	**1.3**	**-94**
MW-7	09/24/99		1.40	--	--	--	1.60	--
	12/29/99		2.30	--	--	--	1.80	--
	03/21/00		5.80	--	--	--	9.00	--
	07/26/00		6.00	--	--	--	6.60	--
	09/06/00		4.30	--	--	--	5.00	--
	11/29/00		4.00	--	--	--	3.70	--
	03/06/01		4.70	--	--	--	5.10	--

Table 2

Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID	DATE	D.O. Pre Purging (mg/L)	ORP Pre Purging (mV)	D.O. Mid-Purging (mg/L)	ORP Mid-Purging (mV)	DO Post Purging (mg/L)	ORP Post Purging (mV)
MW-7	06/19/01	3.80	--	--	--	4.20	--
(cont)	09/05/01	6.70	--	--	--	7.10	--
	12/20/01	4.90	--	--	--	5.00	--
	06/25/02	1.00	--	1.40	--	1.30	--
	09/18/02	1.80	112	1.90	98	2.10	102
	12/19/02	1.30	121	--	--	1.60	110
	03/20/03	2.60	129	--	--	2.70	152
	06/23/03	1.70	122	--	--	1.90	140
	09/22/03	1.40	92	--	--	1.70	124
	12/22/03	1.50	98	--	--	1.60	114
	03/22/04	1.30	90	--	--	1.50	96
	06/21/04	1.50	106	--	--	1.70	126
	09/20/04	1.40	115	--	--	0.96	110
	12/20/04	1.30	88	--	--	1.40	95
	03/28/05	1.40	92	--	--	1.40	88
	06/27/05	1.50	106	--	--	1.40	94
	09/19/05	3.70	17	--	--	3.10	29
	12/19/05	1.40	85	--	--	1.30	90
	03/27/06	1.80	126	--	--	2.10	132
	06/26/06	1.60	119	--	--	1.80	121
	09/25/06	1.70	125	--	--	1.60	124
	12/18/06	1.40	130	--	--	--[2]	--[2]
	03/19/07	2.8	-10	--	--	2.3	-13
	06/25/07	1.8	119	--	--	1.5	98
	09/24/07	1.7	1.3	--	--	94	76
	12/18/07	2.1	68	--	--	1.8	73
	03/11/08	1.8	93	--	--	1.7	104
	06/11/08	1.5	-32	--	--	1.3	-46
	09/22/08	1.2	27	--	--	1.5	39
	12/22/08	1.8	85	--	--	1.7	80
	03/23/09	1.4	185	--	--	--	--
	06/22/09	1.9	120	--	--	1.7	112
	12/02/09	2.0	61	--	--	1.8	65
	06/26/10	**1.6**	**89**	--	--	**1.8**	**102**
MW-9	09/24/99	1.00	--	--	--	1.20	--
	12/29/99	3.30	--	--	--	2.70	--
	03/21/00	3.20	--	--	--	7.30	--
	07/26/00	3.60	--	--	--	1.80	--
	09/06/00	3.80	--	--	--	4.00	--
	11/29/00	2.00	--	--	--	2.00	--
	03/06/01	4.00	--	--	--	4.90	--
	06/19/01	3.40	--	--	--	4.00	--
	09/05/01	2.70	--	--	--	2.00	--
	12/20/01	2.20	--	--	--	2.20	--
	06/25/02	0.90	--	1.00	--	1.20	--
	09/18/02	1.40	138	1.00	110	0.90	95

Table 2

Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID	DATE	D.O. Pre Purging (mg/L)	ORP Pre Purging (mV)	D.O. Mid-Purging (mg/L)	ORP Mid-Purging (mV)	DO Post Purging (mg/L)	ORP Post Purging (mV)
MW-9	12/19/02	1.80	126	--	--	1.10	98
(cont)	03/20/03	0.10	206	--	--	1.10	193
	06/23/03	1.20	146	--	--	1.00	138
	09/22/03	1.10	126	--	--	1.00	130
	12/22/03	1.30	134	--	--	1.20	142
	03/22/04	3.70	120	--	--	1.40	126
	06/21/04	3.50	108	--	--	1.20	116
	09/20/04	2.70	54	--	--	1.10	62
	12/20/04	2.50	72	--	--	1.40	80
	03/28/05	2.80	92	--	--	1.70	68
	06/27/05	2.60	82	--	--	1.50	62
	09/19/05	1.00	-38	--	--	0.60	-30
	12/19/05	2.10	76	--	--	2.20	68
	03/27/06	2.20	136	--	--	1.90	125
	06/26/06	2.40	122	--	--	2.00	115
	09/25/06	2.10	116	--	--	1.90	120
	12/18/06	1.80	131	--	--	--[2]	--[2]
	03/19/07	1.7	-03	--	--	2.1	-11
	06/25/07	2.2	11	--	--	2.0	73
	09/24/07	2.4	2.2	--	--	93	75
	12/18/07	INACCESSIBLE - WELL UNDER WATER			--	--	--
	03/11/08	2.2	76	--	--	1.9	63
	06/11/08	1.9	103			1.9	117
	09/22/08	14	32	--	--	21	51
	12/22/08	2.3	115	--	--	2.1	109
	03/23/09	INACCESSIBLE	--	--	--	--	--
	06/22/09	2.1	98	--	--	1.9	91
	12/02/09	1.8	76	--	--	2.0	69
	06/26/10	**1.3**	**63**	--	--	**1.7**	**107**
MW-10	09/19/05	1.40	-97	--	--	0.80	-98
	03/23/09	INACCESSIBLE	--	--	--	--	--
MW-2	09/24/99	1.00	--	--	--	0.80	--
	12/29/99	2.60	--	--	--	--	--
	03/21/00	3.30	--	--	--	3.60	--
	DESTROYED						

Table 2

Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

EXPLANATIONS:

Dissolved oxygen concentrations prior to June 25, 2002, were compiled from reports prepared by Toxichem Management Systems, Inc.

D.O. = Dissolved Oxygen

mg/L = milligrams per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

-- = Not Measured

[1] ORP reading under range.

[2] Field technician inadvertently missed readings.