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January 31, 2012

Mr. Mark E. Detterman, PG, CEG  
Senior Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Department  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**RECEIVED**

**9:02 am, Feb 02, 2012**

Alameda County  
Environmental Health

Dear Mr. Detterman:

Attached for your review is the *Second Semiannual 2011 Groundwater Monitoring Report* for former Chevron Service Station No. 21-1283, located at 3810 Broadway, in Oakland, California. This report was prepared by ARCADIS, upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct to the best of my knowledge.

If you should have any further questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "Olivia Skance". The signature is written in a cursive, flowing style.

Olivia Skance  
Chevron Environmental Management Company



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Mr. Mark E. Detterman, PG, CEG  
Senior Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Department  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

ENVIRONMENT

Subject:

**Second Semiannual 2011 Groundwater Monitoring Report**  
Former Texaco Service Station No. 21-1283  
3810 Broadway  
Oakland, California  
*Fuel Leak Case No. RO0000056*

Date:  
January 31, 2012

Contact:  
Thomas M. Potter

Dear Mr. Detterman:

Phone:  
916.985.2079 ext. 31

ARCADIS has prepared this *Second Semiannual 2011 Groundwater Monitoring Report* on behalf of Chevron Environmental Management Company (Chevron) to document the results of groundwater monitoring and sampling at former Texaco Station No. 21-1230, located at 3810 Broadway in Oakland, California (Figure 1).

Email:  
[Thomas.Potter@arcadis-us.com](mailto:Thomas.Potter@arcadis-us.com)

### **Groundwater Monitoring and Sampling**

Our ref:  
B0060901.1283

Groundwater monitoring and sampling was performed by Blaine Tech Services, Inc. (BTS) of San Jose, California on December 2, 2011. The groundwater monitoring and sampling program consists of water level elevation monitoring, sample collection, and chemical analysis of samples for nine monitoring wells (MW-1, MW-4, MW-5B, MW-6, MW-7, MW-9, MW-10, MW-11 and MW-12). Monitoring well MW-1 was not monitored or sampled during the second semiannual 2011 event due to an oversight; it will be monitored and sampled during the first semiannual 2012 event. The BTS groundwater monitoring and sample package is presented in Attachment 1. Separate phase hydrocarbons (SPH) were not observed during the second semiannual 2011 monitoring event, nor have they historically been observed at the site.

Imagine the result

## Groundwater Flow

Depth-to-water measurements were subtracted from surveyed top of casing elevations to calculate the groundwater elevation at each monitoring well. Depth-to-water measurements and calculated groundwater elevations are presented in Table 1. Calculated groundwater elevation data was used to construct a groundwater elevation contour map of the site, presented as Figure 2.

## Laboratory Analysis

Subsequent to collection, samples were packed on ice, cooled to approximately 4 degrees Celsius (°C) and shipped under appropriate chain-of-custody protocols for analysis to Test America Laboratories, Inc. of Irvine, California, a California Department of Public Health certified analytical laboratory. Groundwater samples were screened for the following analytes per the parameters listed:

- Total petroleum hydrocarbons as diesel (TPH-DRO) [C<sub>13</sub>-C<sub>23</sub>] by United States Environmental Protection Agency (USEPA) Method 8015B, with and without silica gel clean-up
- Total petroleum hydrocarbons as gasoline (TPH-GRO) [C<sub>4</sub>-C<sub>12</sub>] by USEPA Method 8015B
- Benzene, toluene, ethylbenzene and total xylenes (BTEX) by USEPA Method 8260B
- Methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA) and ethanol by USEPA Method 8260B

A quality assurance/quality control (QA/QC) sample, inclusive of a trip blank, was submitted for laboratory analysis. The trip blank sample was analyzed for TPH-GRO, BTEX, MTBE, DIPE, ETBE, TAME, TBA and ethanol.

The analytical results of the groundwater samples collected during the second semiannual 2011 sampling event are consistent with the results of recent semiannual groundwater sampling events. The analytical sample concentrations are summarized in Table 1. A concentration map of TPH-DRO, TPH-GRO, benzene and MTBE is presented as Figure 3. The laboratory analytical report and chain-of-custody record

for the semiannual groundwater sampling event are included in Attachment 2. The historical groundwater monitoring and sampling data is presented in Attachment 3.

**Summary and Conclusions**

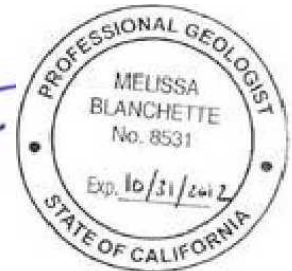
- Groundwater flow was variable across the site, with components of flow northeast and inward toward MW-12
- Concentrations of petroleum hydrocarbon constituents detected in groundwater samples collected from the well network were consistent with the results of recent sampling events

Sincerely,

ARCADIS U.S., Inc.

Thomas M. Potter  
Associate Project Manager

Melissa Blanchette, PG (CA 8531)  
Senior Geologist



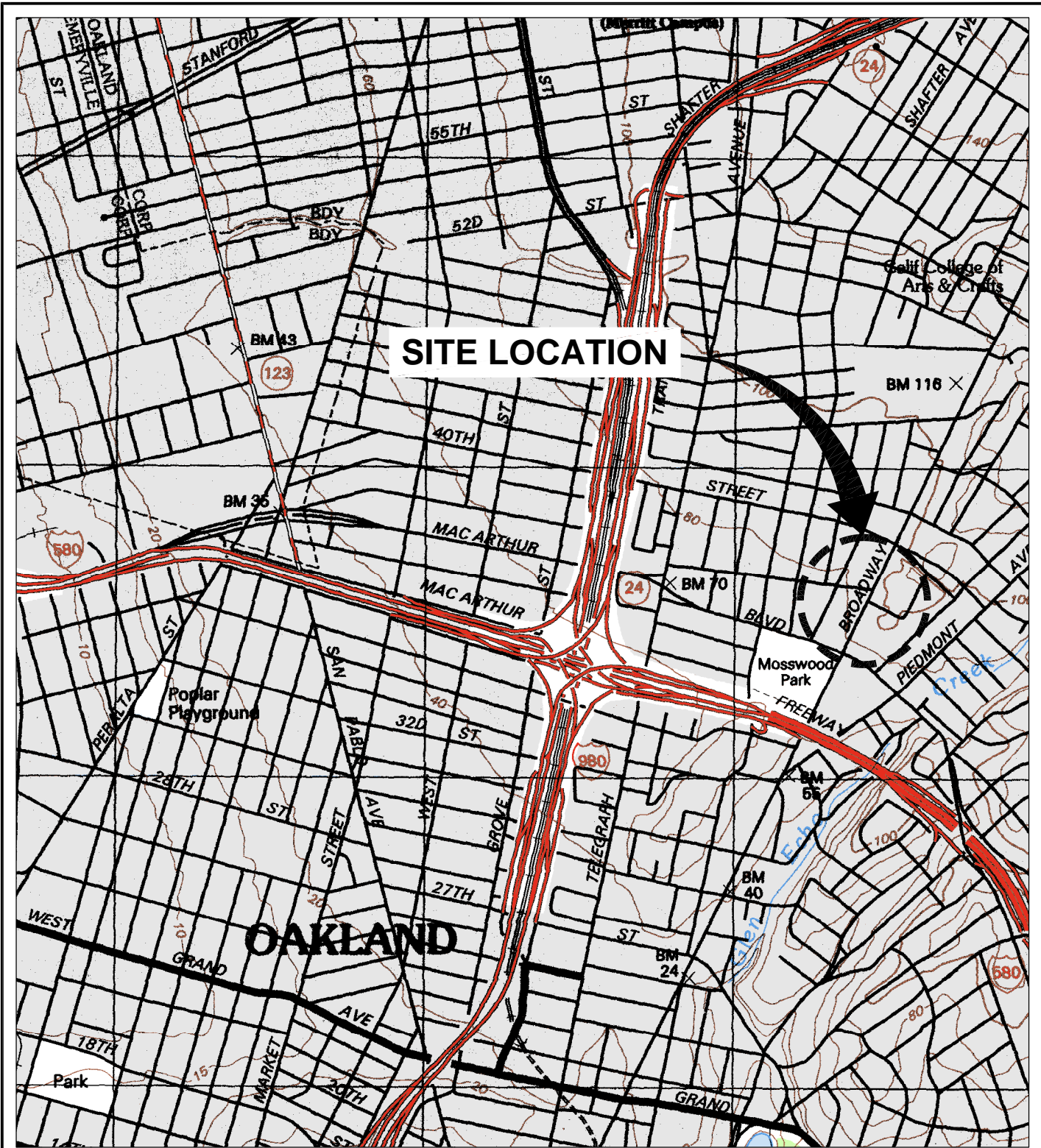
Enclosures:

- |              |  |
|--------------|--|
| Figure 1     | Site Plan  |
| Figure 2     | Groundwater Elevation Contour Map                        |
| Figure 3     | Concentration Map  |
| Table 1      | Groundwater Monitoring Data and Analytical Results       |
| Attachment 1 | Groundwater Monitoring and Sampling Field Data Sheets    |
| Attachment 2 | Laboratory Analytical Report and Chain-of-Custody Record |
| Attachment 3 | Historical Groundwater Monitoring and Sampling Data      |

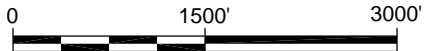
Copies:

- Mr. Robert Speer – Chevron, electronic copy  
Mr. Joe Zadik

CITY:(SYRACUSE) DIV:(GROUP:ENV/IN/DV) DB:(HOWES) LD:(OP) PIC:(NA) PM:(B/WALL) TM:(OP) LVR:(OPTION:OFF=REF) PAGESETUP:APDF PLOTSTYLETABLE:PLT\FULL.CTB PLOTTED:1/25/2012 3:43 PM BY:KOWALCZYK, STEVE  
 G:\ENV\CAD\STRACUSE\ACT\18060901\1283\00001\DWG\60901N01.dwg LAYOUT:1 SAVED:1/25/2012 3:43 PM ACADVER:18.00 (LMS TECH)



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., OAKLAND WEST, CA, 1993.



Approximate Scale: 1 in. = 1500 ft.



AREA LOCATION

CALIFORNIA

FORMER TEXACO SERVICE STATION NO. 21-1283  
 3810 BROADWAY, OAKLAND, CA

**SITE LOCATION MAP**



FIGURE

**1**







**TABLE 1**

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER TEXACO SERVICE STATION 211283  
3810 BROADWAY  
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	TPH-DRO w/ Clean-Up	TPH-DRO w/o Clean-Up	TPH-GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Ethanol
	Units	(ft amsl)	(ft)	(ft amsl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	12/20/10	<b>86.69</b>	29.58	57.11			INSUFFICIENT WATER TO COLLECT A SAMPLE										
MW-1	06/20/11	<b>86.69</b>	23.91	62.78	<50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-1	<b>10/24/11</b>	<b>86.69</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/20/10	<b>83.31</b>	21.90	61.41	--	170	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-4	06/20/11	<b>83.31</b>	20.60	62.71	<50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-4	<b>10/24/11</b>	<b>83.31</b>	<b>21.97</b>	<b>61.34</b>	<b>&lt;53</b>	<b>61</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>0.67</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;150</b>
MW-5B	12/20/10	<b>85.36</b>	24.00	61.36	--	370	150	3	<0.5	<0.5	<0.5	24	--	--	--	--	<50
MW-5B	06/20/11	<b>85.36</b>	22.80	62.56	73	--	76	<0.5	<0.5	<0.5	<0.5	3	--	--	--	--	<50
MW-5B	<b>10/24/11</b>	<b>85.36</b>	<b>24.24</b>	<b>61.12</b>	<b>&lt;51</b>	<b>&lt;51</b>	<b>63</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>19</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;150</b>
MW-6	12/20/10	<b>86.09</b>	24.70	61.39	--	1,000	1,900	150	3	2	4	3	--	--	--	--	<50
MW-6	06/20/11	<b>86.09</b>	23.49	62.60	960	--	2,500	290	12	77	120	3	--	--	--	--	<50
MW-6	<b>10/24/11</b>	<b>86.09</b>	<b>24.91</b>	<b>61.18</b>	<b>&lt;53</b>	<b>120</b>	<b>1,600</b>	<b>63</b>	<b>2.7</b>	<b>1.9</b>	<b>6.0</b>	<b>1.7</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>30</b>	<b>&lt;150</b>
MW-7	12/20/10	<b>84.11</b>	28.36	55.75	--	52	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-7	06/20/11	<b>84.11</b>	21.50	62.61	<50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-7	<b>10/24/11</b>	<b>84.11</b>	<b>23.05</b>	<b>61.06</b>	<b>&lt;53</b>	<b>&lt;53</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;150</b>
MW-9	12/20/10	<b>82.17</b>	20.79	61.38	--	58	<50	<0.5	<0.5	<0.5	<0.5	1	--	--	--	--	<50
MW-9	06/20/11	<b>82.17</b>	19.53	62.64	<50	--	<50	<0.5	<0.5	<0.5	<0.5	42	--	--	--	--	<50
MW-9	<b>10/24/11</b>	<b>82.17</b>	<b>21.04</b>	<b>61.13</b>	<b>&lt;53</b>	<b>&lt;53</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>26</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;150</b>
MW-10	12/20/10	<b>81.83</b>	20.45	61.38	--	1,200	300	0.6	<0.5	<0.5	<0.5	3	--	--	--	--	<50
MW-10	06/20/11	<b>81.83</b>	19.27	62.56	160	--	730	16	3	14	46	<0.5	--	--	--	--	<50
MW-10	<b>10/24/11</b>	<b>81.83</b>	<b>20.72</b>	<b>61.11</b>	<b>&lt;52</b>	<b>70</b>	<b>300</b>	<b>1.2</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>3.2</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;150</b>



**TABLE 1**

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER TEXACO SERVICE STATION 211283  
3810 BROADWAY  
OAKLAND, CALIFORNIA**

Location	Date	TOC	DTW	GWE	TPH-DRO w/ Clean-Up	TPH-DRO w/o Clean-Up	TPH-GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Ethanol
	Units	(ft amsl)	(ft)	(ft amsl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-11	12/20/10	--	29.05	--	--	150	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-11	06/20/11	--	27.65	--	<50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-11	<b>10/24/11</b>	--	<b>29.27</b>	--	<b>&lt;53</b>	<b>&lt;53</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;150</b>
MW-12	12/20/10	<b>84.19</b>	22.07	62.12	--	1,100	4,800	500	82	260	800	<0.5	--	--	--	--	<50
MW-12	06/20/11	<b>84.19</b>	20.52	63.67	<50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<50
MW-12	<b>10/24/11</b>	<b>84.19</b>	<b>22.92</b>	<b>61.27</b>	<b>59</b>	<b>290</b>	<b>7,900</b>	<b>650</b>	<b>170</b>	<b>520</b>	<b>2,000</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>&lt;5.0</b>	<b>&lt;100</b>	<b>&lt;1,500</b>
QA	12/20/10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
QA	06/20/11	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
QA	<b>10/24/11</b>	--	--	--	--	--	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.5</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>	<b>&lt;150</b>

**Abbreviations and Notes:**

TOC = Top of casing

DTW = Depth to Water (measured from top of casing)

GWE = Groundwater elevation

TPH-DRO w/ Clean-Up = Total petroleum hydrocarbons as diesel [C<sub>6</sub> - C<sub>12</sub>] with silica gel clean-up

TPH-DRO w/o Clean-Up = Total petroleum hydrocarbons as diesel [C<sub>6</sub> - C<sub>12</sub>] without silica gel clean-up

TPH-GRO = Total petroleum hydrocarbons as gasoline [C<sub>6</sub> - C<sub>12</sub>]

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

TBA = Tertiary butyl alcohol

Ft amsl = Feet above mean sea level

Ft = Feet

µg/L = Microgram per liter

< = Not detected above detection limit indicated

-- = Not available or not applicable

ARCADIS

**Attachment 1**

Groundwater Monitoring and  
Sampling Field Data Sheets

## WELL GAUGING DATA

Project # 111202-DRI Date 12/2/11 Client Churen # 21-1283

Site 3810 Broadway Terrace Oakland Ca.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-4	0904	2					21.97	28.58	↓	
MW-5B	0930	2				24.24	30.12			
MW-6	0940	2				24.91	27.88			
MW-7	0920	2				23.05	33.01			
MW-9	0910	2				21.04	33.58			
MW-10	0935	2				20.72	33.50			
MW-11	0925	2				29.27	38.51			
MW-12	0915	2				22.92	29.26			



# CHEVRON WELL MONITORING DATA SHEET

Project #: 111202-DA1	Station #: 21-1283
Sampler: DR	Date: 12/2/11
Weather: Clear	Ambient Air Temperature: 76°F
Well I.D.: MW-5B	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 30.12	Depth to Water: 24.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.42	

Purge Method:

- Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other \_\_\_\_\_

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: \_\_\_\_\_

0.9 (Gals.) X	3	= 2.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1236	66.2	6.63	1026	>1000	0.9	
1238	66.3	6.39	1051	>1000	1.8	
1240	66.2	6.37	1054	>1000	2.7	

Did well dewater? Yes (No) Gallons actually evacuated: 2.7

Sampling Date: 12/2/11 Sampling Time: 1250 Depth to Water: 24.94

Sample I.D.: MW-5B Laboratory: Lancaster Other: Test America

Analyzed for: TPH-G BTEX MTBE OXYS Other: Sec Col

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 111202-DA1	Station #: 21-1283
Sampler: DR	Date: 12/2/11
Weather: Clear	Ambient Air Temperature: 70°F
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 27.88	Depth to Water: 24.91
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.50	

Purge Method:

- Bailer
- (Disposable Bailer)
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other \_\_\_\_\_

Sampling Method:

- Bailer
- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: \_\_\_\_\_

0.5 (Gals.) X	3	= 1.5 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1323	67.1	6.37	793	71000	0.5	
1324	67.4	6.39	878	71000	1.0	
1325	67.5	6.39	883	71000	1.5	

Did well dewater? Yes  No  Gallons actually evacuated: 1.5

Sampling Date: 12/2/11 Sampling Time: 1335 Depth to Water: 25.37

Sample I.D.: MW-6 Laboratory: Lancaster Other: (Test America)

Analyzed for: TPH-G BTEX MTBE OXYS Other: Sec Col

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd): Pre-purge: \_\_\_\_\_ mg/L Post-purge: \_\_\_\_\_ mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV Post-purge: \_\_\_\_\_ mV



# CHEVRON WELL MONITORING DATA SHEET

Project #: 111202-DA1	Station #: 21-1283
Sampler: DR	Date: 12/2/11
Weather: Clear	Ambient Air Temperature: 70°F
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 33.01	Depth to Water: 23.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.04	

Purge Method: Bailer Waterra Sampling Method: Bailer

(Disposable Bailer) Peristaltic (Disposable Bailer)

Positive Air Displacement Extraction Pump Extraction Port

Electric Submersible Other \_\_\_\_\_ Dedicated Tubing

Other: \_\_\_\_\_

1.6 (Gals.) X 3 = 4.8 Gals.

1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>μS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1121	71.3	7.56	392	71000	1.6	
1124	71.3	6.25	389	71000	3.2	
1127	71.2	6.24	388	71000	4.8	

Did well dewater?    Yes    No    Gallons actually evacuated: 4.8

Sampling Date: 12/2/11    Sampling Time: 1135    Depth to Water: 24.11

Sample I.D.: MW-7    Laboratory: Lancaster    Other: Test America

Analyzed for: TPH-G    BTEX    MTBE    OXYS    Other: See Col

Duplicate I.D.:    Analyzed for: TPH-G    BTEX    MTBE    OXYS    Other:

D.O. (if req'd):    Pre-purge: mg/L    Post-purge: mg/L

O.R.P. (if req'd):    Pre-purge: mV    Post-purge: mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 111202-DRI	Station #: 21-1283
Sampler: DR	Date: 12/2/11
Weather: Clear	Ambient Air Temperature: 65°F
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8
Total Well Depth: 33.58	Depth to Water: 21.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.55	

Purge Method:

- Bailer  
 Disposable Bailer  
 Positive Air Displacement  
 Electric Submersible
- Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

- Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

2.0	(Gals.) X	3	=	6.0	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>μS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1026	66.5	6.50	582	>1000	2.0	
1029	66.4	6.48	578	>1000	4.0	
1032	66.3	6.47	577	>1000	6.0	

Did well dewater? Yes  No  Gallons actually evacuated: 6.0

Sampling Date: 12/2/11 Sampling Time: 1040 Depth to Water: 22.49

Sample I.D.: MW-9 Laboratory: Lancaster Other: Test America

Analyzed for: TPH-G BTEX MTBE OXYS Other: See Col

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd): Pre-purge: mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: mV Post-purge: mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 111202-DRI	Station #: 21-1283
Sampler: DR	Date: 12/2/11
Weather: Clear	Ambient Air Temperature: 70°F
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 32.50	Depth to Water: 20.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.08	

Purge Method:

- Bailer  
 Disposable Bailer  
 Positive Air Displacement  
 Electric Submersible
- Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

- Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

1.9 (Gals.) X	3	= 5.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1256	68.0	7.40	384	71000	1.9	
1259	67.7	6.62	382	71000	3.8	
1302	67.6	6.61	380	71000	5.7	

Did well dewater? Yes  No  Gallons actually evacuated: 5.7

Sampling Date: 12/2/11 Sampling Time: 1310 Depth to Water: 21.94

Sample I.D.: MW-10 Laboratory: Lancaster Other: (Test America)

Analyzed for: TPH-G BTEX MTBE OXYS Other: See Col

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd): Pre-purge: \_\_\_\_\_ mg/L Post-purge: \_\_\_\_\_ mg/L

O.R.P. (if req'd): Pre-purge: \_\_\_\_\_ mV Post-purge: \_\_\_\_\_ mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 111202-DRI	Station #: 21-1283
Sampler: DR	Date: 12/2/11
Weather: Clear	Ambient Air Temperature: 70°F
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 38.51	Depth to Water: 29.27
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.12	

Purge Method:

- Bailer  
 Disposable Bailer  
 Positive Air Displacement  
 Electric Submersible
- Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:

- Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

1.5 (Gals.) X	3	= 4.5 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1148	69.2	6.98	588	71000	1.5	
1151	67.5	6.55	606	71000	3.0	
1154	67.4	6.54	609	71000	4.5	

Did well dewater? Yes  No  Gallons actually evacuated: 4.5

Sampling Date: 12/2/11 Sampling Time: 1205 Depth to Water: 30.26

Sample I.D.: MW-11 Laboratory: Lancaster Other: Test America

Analyzed for: TPH-G BTEX MTBE OXYS Other: Sec Col

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 111202-DRI	Station #: 21-1283
Sampler: DR	Date: 12/2/11
Weather: Clear	Ambient Air Temperature: 70°F
Well I.D.: MW-12	Well Diameter: (2) 3 4 6 8
Total Well Depth: 29.26	Depth to Water: 22.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.19	

Purge Method:

- Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other \_\_\_\_\_

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: \_\_\_\_\_

1.0 (Gals.) X	3	= 3.0 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<i>* Grab sample due to access restrictions. Per owner request.</i>						
1410	69.3	6.63	905	39	—	

Did well dewater? Yes NO Gallons actually evacuated: —

Sampling Date: 12/2/11    Sampling Time: 1410    Depth to Water: 22.99

Sample I.D.: MW-12    Laboratory: Lancaster Other: Test America

Analyzed for: TPH-G BTEX MTBE OXYS Other: See Col

Duplicate I.D.:    Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):    Pre-purge:  mg/L    Post-purge:  mg/L

O.R.P. (if req'd):    Pre-purge:  mV    Post-purge:  mV

Irvine  
 17461 Derian Ave  
 Suite 100  
 Irvine, CA 92614  
 phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Thomas Potter				Site Contact:				Date: 12/2/11				COC No:		
Arcadis - U.S., Inc. - Folsom		Tel/Fax: (916) 985-2079				Lab Contact: Sushmitha Reddy				Carrier: BTS				1 of 1 COCs		
950 Glenn Drive, Suite 125		Analysis Turnaround Time				Filtered Sample GRO by EPA 8015 MOD BTEX & MTBE (8260B) DRO with Silica Gel Clean Up by 8015 DRO without Silica Gel Clean Up by 8015 Ethanol by 8260B				Job No.						
Folsom, CA 95630		Calendar (C) or Work Days (W)								11202-DR1						
916-985-2079 Phone		TAT if different from Below								SDG No.						
916-985-2096 FAX		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day								COPY						
Project Name: 3810 Broadway Terrace, Oakland, CA																
Site: 21-1283																
P O		Global ID: T0600101108								Sample Specific Notes:						
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	GRO by EPA 8015 MOD	BTEX & MTBE (8260B)	DRO with Silica Gel Clean Up by 8015	DRO without Silica Gel Clean Up by 8015	Ethanol by 8260B				
MW-4		12/2/11	1010	Grab	W	9		X	X	X	X	X				
MW-5B			1250		W	9		X	X	X	X	X				
MW-6			1335		W	9		X	X	X	X	X				
MW-7			1135		W	9		X	X	X	X	X				
MW-9			1040		W	9		X	X	X	X	X				
MW-10			1310		W	9		X	X	X	X	X				
MW-11			1205		W	9		X	X	X	X	X				
MW-12			1410		W	9		X	X	X	X	X				
TB- 20111202			0700		W	4		X	X							
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							1,2	1,2	1	1	1					
Possible Hazard Identification							Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown							<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Special Instructions/QC Requirements & Comments:																
MUST MEET LOWEST DETECTION LIMITS POSSIBLE FOR 8260 COMPOUNDS																
USE 10 GRAM SILICA GEL CLEAN UP																
Relinquished by: <i>D. ...</i>		Company: BTS		Date/Time: 12/2/11 1500		Received by: <i>[Signature]</i>		Company: TAFE		Date/Time: 12-2-11 1500						
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:						
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:						









ARCADIS

**Attachment 2**

Laboratory Analytical Report and  
Chain-of-Custody Record

## LABORATORY REPORT

Prepared For: Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project: Chevron - 21-1283  
3810 Broadway Terrace, Oakland  
CA

Sampled: 12/02/11  
Received: 12/06/11  
Issued: 12/22/11 13:10

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUL0444-01	MW-4	Water
IUL0444-02	MW-5B	Water
IUL0444-03	MW-6	Water
IUL0444-04	MW-7	Water
IUL0444-05	MW-9	Water
IUL0444-06	MW-10	Water
IUL0444-07	MW-11	Water
IUL0444-08	MW-12	Water
IUL0444-09	TB-20111202	Water

Reviewed By:



**TestAmerica Irvine**

Sushmitha Reddy  
Project Manager

Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-01RE1 (MW-4 - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.053	ND	1.05	12/7/2011	12/14/2011	
Surrogate: n-Octacosane (45-120%)				49 %				
<b>Sample ID: IUL0444-02RE1 (MW-5B - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.051	ND	1.02	12/7/2011	12/14/2011	
Surrogate: n-Octacosane (45-120%)				46 %				
<b>Sample ID: IUL0444-03RE1 (MW-6 - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.053	ND	1.06	12/7/2011	12/14/2011	
Surrogate: n-Octacosane (45-120%)				52 %				
<b>Sample ID: IUL0444-04RE1 (MW-7 - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.053	ND	1.05	12/7/2011	12/15/2011	
Surrogate: n-Octacosane (45-120%)				33 %	Z6			
<b>Sample ID: IUL0444-05RE1 (MW-9 - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.053	ND	1.05	12/7/2011	12/14/2011	
Surrogate: n-Octacosane (45-120%)				50 %				
<b>Sample ID: IUL0444-06RE1 (MW-10 - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.052	ND	1.04	12/7/2011	12/14/2011	
Surrogate: n-Octacosane (45-120%)				58 %				
<b>Sample ID: IUL0444-07RE1 (MW-11 - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.053	ND	1.05	12/7/2011	12/14/2011	
Surrogate: n-Octacosane (45-120%)				48 %				
<b>Sample ID: IUL0444-08RE1 (MW-12 - Water)</b>								
Reporting Units: mg/l								
DRO (C13 - C28)	EPA 8015B	11L1713	0.052	<b>0.059</b>	1.04	12/7/2011	12/14/2011	
Surrogate: n-Octacosane (45-120%)				48 %				

TestAmerica Irvine

Sushmitha Reddy  
Project Manager



Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## VOLATILE FUEL HYDROCARBONS (EPA 5030/8015)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-01 (MW-4 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	50	ND	1	12/13/2011	12/13/2011	
Surrogate: 4-BFB (FID) (65-140%)				95 %				
<b>Sample ID: IUL0444-02 (MW-5B - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	50	<b>63</b>	1	12/13/2011	12/14/2011	
Surrogate: 4-BFB (FID) (65-140%)				99 %				
<b>Sample ID: IUL0444-03 (MW-6 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	1000	<b>1600</b>	20	12/13/2011	12/13/2011	
Surrogate: 4-BFB (FID) (65-140%)				91 %				
<b>Sample ID: IUL0444-04 (MW-7 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	50	ND	1	12/13/2011	12/13/2011	
Surrogate: 4-BFB (FID) (65-140%)				98 %				
<b>Sample ID: IUL0444-05 (MW-9 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	50	ND	1	12/13/2011	12/13/2011	
Surrogate: 4-BFB (FID) (65-140%)				93 %				
<b>Sample ID: IUL0444-06 (MW-10 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	50	<b>300</b>	1	12/13/2011	12/13/2011	
Surrogate: 4-BFB (FID) (65-140%)				99 %				
<b>Sample ID: IUL0444-07 (MW-11 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	50	ND	1	12/13/2011	12/13/2011	
Surrogate: 4-BFB (FID) (65-140%)				99 %				
<b>Sample ID: IUL0444-08 (MW-12 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	11L1688	1000	<b>7900</b>	20	12/13/2011	12/13/2011	
Surrogate: 4-BFB (FID) (65-140%)				103 %				

TestAmerica Irvine

Sushmitha Reddy  
Project Manager

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IUL0444 <Page 3 of 17>

Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## VOLATILE FUEL HYDROCARBONS (EPA 5030/8015)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-09 (TB-20111202 - Water)</b>								
<b>Reporting Units: ug/l</b>								
GRO (C4 - C12)	EPA 8015B	11L1688	50	ND	1	12/13/2011	12/13/2011	
<i>Surrogate: 4-BFB (FID) (65-140%)</i>				94 %				

**TestAmerica Irvine**

Sushmitha Reddy  
Project Manager

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**IUL0444 <Page 4 of 17>**

Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## EXTRACTABLE FUEL HYDROCARBONS (EPA 3510C/EPA 8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-01 (MW-4 - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.053	<b>0.061</b>	1.05	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				77 %				
<b>Sample ID: IUL0444-02 (MW-5B - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.051	ND	1.02	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				90 %				
<b>Sample ID: IUL0444-03 (MW-6 - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.053	<b>0.12</b>	1.06	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				80 %				
<b>Sample ID: IUL0444-04 (MW-7 - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.053	ND	1.05	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				78 %				
<b>Sample ID: IUL0444-05 (MW-9 - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.053	ND	1.05	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				69 %				
<b>Sample ID: IUL0444-06 (MW-10 - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.052	<b>0.070</b>	1.04	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				91 %				
<b>Sample ID: IUL0444-07 (MW-11 - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.053	ND	1.05	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				80 %				
<b>Sample ID: IUL0444-08 (MW-12 - Water)</b>								
Reporting Units: mg/l								
<b>DRO (C13 - C28)</b>	EPA 8015B	11L0792	0.052	<b>0.29</b>	1.04	12/7/2011	12/8/2011	
<i>Surrogate: n-Octacosane (45-120%)</i>				76 %				

TestAmerica Irvine

Sushmitha Reddy  
Project Manager

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IUL0444 <Page 5 of 17>

Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-01 (MW-4 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	ND	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	ND	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11L1370	0.50	<b>0.67</b>	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	ND	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				98 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				90 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				96 %				
<b>Sample ID: IUL0444-02 (MW-5B - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	ND	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	ND	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11L1370	0.50	<b>19</b>	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	ND	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				98 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				91 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				95 %				

TestAmerica Irvine

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3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-03 (MW-6 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11L1370	0.50	63	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	1.9	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	2.7	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	5.3	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	0.68	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	6.0	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11L1370	0.50	1.7	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	30	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				99 %				
Surrogate: Dibromofluoromethane (80-120%)				90 %				
Surrogate: Toluene-d8 (80-120%)				96 %				
<b>Sample ID: IUL0444-04 (MW-7 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	ND	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	ND	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	ND	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				100 %				
Surrogate: Dibromofluoromethane (80-120%)				92 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

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Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-05 (MW-9 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	ND	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	ND	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11L1370	0.50	<b>26</b>	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	ND	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				98 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				90 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				95 %				
<b>Sample ID: IUL0444-06 (MW-10 - Water)</b>								
<b>Reporting Units: ug/l</b>								
<b>Benzene</b>	EPA 8260B	11L1370	0.50	<b>1.2</b>	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	ND	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	ND	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11L1370	0.50	<b>3.2</b>	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	ND	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				100 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				91 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				96 %				

TestAmerica Irvine

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Sampled: 12/02/11  
Received: 12/06/11

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-07 (MW-11 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	ND	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	ND	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	ND	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				101 %				
Surrogate: Dibromofluoromethane (80-120%)				92 %				
Surrogate: Toluene-d8 (80-120%)				95 %				

### Sample ID: IUL0444-08 (MW-12 - Water)

Reporting Units: ug/l

<b>Benzene</b>	EPA 8260B	11L1370	5.0	<b>650</b>	10	12/12/2011	12/12/2011	
<b>Ethylbenzene</b>	EPA 8260B	11L1370	5.0	<b>520</b>	10	12/12/2011	12/12/2011	
<b>Toluene</b>	EPA 8260B	11L1370	5.0	<b>170</b>	10	12/12/2011	12/12/2011	
<b>m,p-Xylenes</b>	EPA 8260B	11L1370	10	<b>1300</b>	10	12/12/2011	12/12/2011	
<b>o-Xylene</b>	EPA 8260B	11L1370	5.0	<b>740</b>	10	12/12/2011	12/12/2011	
<b>Xylenes, Total</b>	EPA 8260B	11L1370	15	<b>2000</b>	10	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	5.0	ND	10	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	5.0	ND	10	12/12/2011	12/12/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11L1370	5.0	ND	10	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	5.0	ND	10	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	100	ND	10	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	1500	ND	10	12/12/2011	12/12/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				97 %				
Surrogate: Dibromofluoromethane (80-120%)				92 %				
Surrogate: Toluene-d8 (80-120%)				97 %				

TestAmerica Irvine

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 Report Number: IUL0444

Sampled: 12/02/11  
 Received: 12/06/11

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUL0444-09 (TB-20111202 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethylbenzene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Toluene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
m,p-Xylenes	EPA 8260B	11L1370	1.0	ND	1	12/12/2011	12/12/2011	
o-Xylene	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Xylenes, Total	EPA 8260B	11L1370	1.5	ND	1	12/12/2011	12/12/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11L1370	0.50	ND	1	12/12/2011	12/12/2011	
tert-Butanol (TBA)	EPA 8260B	11L1370	10	ND	1	12/12/2011	12/12/2011	
Ethanol	EPA 8260B	11L1370	150	ND	1	12/12/2011	12/12/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)								97 %
Surrogate: Dibromofluoromethane (80-120%)								91 %
Surrogate: Toluene-d8 (80-120%)								96 %

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 Report Number: IUL0444

Sampled: 12/02/11  
 Received: 12/06/11

## METHOD BLANK/QC DATA

### EXTRACTABLE FUEL HYDROCARBONS (EPA 8015B w/ Silica Gel Clean-up)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11L1713 Extracted: 12/13/11</b>										
<b>Blank Analyzed: 12/15/2011 (11L1713-BLK1)</b>										
DRO (C13 - C28)	ND	0.050	mg/l							
EFH (C10 - C28)	ND	0.050	mg/l							
Surrogate: n-Octacosane	0.0903		mg/l	0.200		45	45-120			
<b>LCS Analyzed: 12/13/2011 (11L1713-BS1)</b>										
EFH (C10 - C28)	0.588	0.050	mg/l	1.00		59	40-115			
Surrogate: n-Octacosane	0.129		mg/l	0.200		64	45-120			
<b>LCS Dup Analyzed: 12/13/2011 (11L1713-BSD1)</b>										
EFH (C10 - C28)	0.526	0.050	mg/l	1.00		53	40-115	11	25	
Surrogate: n-Octacosane	0.118		mg/l	0.200		59	45-120			

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 Report Number: IUL0444

Sampled: 12/02/11  
 Received: 12/06/11

## METHOD BLANK/QC DATA

### VOLATILE FUEL HYDROCARBONS (EPA 5030/8015)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11L1688 Extracted: 12/13/11</b>										
<b>Blank Analyzed: 12/13/2011 (11L1688-BLK1)</b>										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate: 4-BFB (FID)	8.66		ug/l	10.0		87	65-140			
<b>LCS Analyzed: 12/13/2011 (11L1688-BS1)</b>										
GRO (C4 - C12)	668	50	ug/l	800		83	80-120			
Surrogate: 4-BFB (FID)	9.81		ug/l	10.0		98	65-140			
<b>Matrix Spike Analyzed: 12/13/2011 (11L1688-MS1) Source: IUL0444-01</b>										
GRO (C4 - C12)	259	50	ug/l	220	ND	118	65-140			
Surrogate: 4-BFB (FID)	11.2		ug/l	10.0		112	65-140			
<b>Matrix Spike Dup Analyzed: 12/13/2011 (11L1688-MSD1) Source: IUL0444-01</b>										
GRO (C4 - C12)	249	50	ug/l	220	ND	113	65-140	4	20	
Surrogate: 4-BFB (FID)	11.3		ug/l	10.0		113	65-140			

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 Report Number: IUL0444

Sampled: 12/02/11  
 Received: 12/06/11

## METHOD BLANK/QC DATA

### EXTRACTABLE FUEL HYDROCARBONS (EPA 3510C/EPA 8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11L0792 Extracted: 12/07/11</b>										
<b>Blank Analyzed: 12/08/2011 (11L0792-BLK1)</b>										
DRO (C13 - C28)	ND	0.050	mg/l							
EFH (C10 - C28)	ND	0.050	mg/l							
Surrogate: n-Octacosane	0.129		mg/l	0.200		65	45-120			
<b>LCS Analyzed: 12/08/2011 (11L0792-BS1)</b>										
EFH (C10 - C28)	0.855	0.050	mg/l	1.00		85	40-115			
Surrogate: n-Octacosane	0.175		mg/l	0.200		88	45-120			
<b>LCS Dup Analyzed: 12/08/2011 (11L0792-BSD1)</b>										
EFH (C10 - C28)	0.863	0.050	mg/l	1.00		86	40-115	1	25	
Surrogate: n-Octacosane	0.170		mg/l	0.200		85	45-120			

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Sampled: 12/02/11  
Received: 12/06/11

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11L1370 Extracted: 12/12/11</b>										
<b>Blank Analyzed: 12/12/2011 (11L1370-BLK1)</b>										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	0.50	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	0.50	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	0.50	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Ethanol	ND	150	ug/l							
Surrogate: 4-Bromofluorobenzene	24.6		ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	22.2		ug/l	25.0		89	80-120			
Surrogate: Toluene-d8	24.0		ug/l	25.0		96	80-120			
<b>LCS Analyzed: 12/12/2011 (11L1370-BS1)</b>										
Benzene	24.7	0.50	ug/l	25.0		99	70-120			
Ethylbenzene	27.2	0.50	ug/l	25.0		109	75-125			
Toluene	26.2	0.50	ug/l	25.0		105	70-120			
m,p-Xylenes	58.5	1.0	ug/l	50.0		117	75-125			
o-Xylene	28.5	0.50	ug/l	25.0		114	75-125			
Xylenes, Total	87.1	1.5	ug/l	75.0		116	70-125			
Di-isopropyl Ether (DIPE)	22.0	0.50	ug/l	25.0		88	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.5	0.50	ug/l	25.0		98	65-135			
Methyl-tert-butyl Ether (MTBE)	24.3	0.50	ug/l	25.0		97	60-135			
tert-Amyl Methyl Ether (TAME)	24.1	0.50	ug/l	25.0		96	60-135			
tert-Butanol (TBA)	151	10	ug/l	125		121	70-135			
Ethanol	168	150	ug/l	250		67	40-155			
Surrogate: 4-Bromofluorobenzene	24.6		ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	21.9		ug/l	25.0		87	80-120			
Surrogate: Toluene-d8	24.0		ug/l	25.0		96	80-120			

TestAmerica Irvine

Sushmitha Reddy  
Project Manager

Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11L1370 Extracted: 12/12/11</b>										
<b>Matrix Spike Analyzed: 12/12/2011 (11L1370-MS1)</b>					<b>Source: IUL0444-01</b>					
Benzene	25.5	0.50	ug/l	25.0	ND	102	65-125			
Ethylbenzene	27.8	0.50	ug/l	25.0	ND	111	65-130			
Toluene	27.2	0.50	ug/l	25.0	ND	109	70-125			
m,p-Xylenes	59.9	1.0	ug/l	50.0	ND	120	65-130			
o-Xylene	29.3	0.50	ug/l	25.0	ND	117	65-125			
Xylenes, Total	89.2	1.5	ug/l	75.0	ND	119	60-130			
Di-isopropyl Ether (DIPE)	23.3	0.50	ug/l	25.0	ND	93	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.7	0.50	ug/l	25.0	ND	107	60-135			
Methyl-tert-butyl Ether (MTBE)	27.2	0.50	ug/l	25.0	0.670	106	55-145			
tert-Amyl Methyl Ether (TAME)	26.1	0.50	ug/l	25.0	ND	104	60-140			
tert-Butanol (TBA)	155	10	ug/l	125	ND	124	65-140			
Ethanol	184	150	ug/l	250	ND	74	40-155			
Surrogate: 4-Bromofluorobenzene	24.9		ug/l	25.0		99	80-120			
Surrogate: Dibromofluoromethane	22.5		ug/l	25.0		90	80-120			
Surrogate: Toluene-d8	24.1		ug/l	25.0		96	80-120			
<b>Matrix Spike Dup Analyzed: 12/12/2011 (11L1370-MSD1)</b>					<b>Source: IUL0444-01</b>					
Benzene	25.2	0.50	ug/l	25.0	ND	101	65-125	1	20	
Ethylbenzene	27.9	0.50	ug/l	25.0	ND	112	65-130	0.3	20	
Toluene	27.0	0.50	ug/l	25.0	ND	108	70-125	1	20	
m,p-Xylenes	59.5	1.0	ug/l	50.0	ND	119	65-130	0.7	25	
o-Xylene	28.9	0.50	ug/l	25.0	ND	116	65-125	1	20	
Xylenes, Total	88.4	1.5	ug/l	75.0	ND	118	60-130	0.9	20	
Di-isopropyl Ether (DIPE)	22.2	0.50	ug/l	25.0	ND	89	60-140	5	25	
Ethyl tert-Butyl Ether (ETBE)	25.5	0.50	ug/l	25.0	ND	102	60-135	4	25	
Methyl-tert-butyl Ether (MTBE)	24.8	0.50	ug/l	25.0	0.670	97	55-145	9	25	
tert-Amyl Methyl Ether (TAME)	25.2	0.50	ug/l	25.0	ND	101	60-140	4	30	
tert-Butanol (TBA)	154	10	ug/l	125	ND	123	65-140	0.5	25	
Ethanol	190	150	ug/l	250	ND	76	40-155	3	30	
Surrogate: 4-Bromofluorobenzene	24.5		ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	21.8		ug/l	25.0		87	80-120			
Surrogate: Toluene-d8	24.1		ug/l	25.0		96	80-120			

TestAmerica Irvine

Sushmitha Reddy  
Project Manager

Arcadis US Inc Irvine (former Costa Mesa)  
320 Commerce, Suite 200  
Irvine, CA 92602  
Attention: Thomas Potter

Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
Received: 12/06/11

## DATA QUALIFIERS AND DEFINITIONS

- Z6** Surrogate recovery was below acceptance limits.  
**ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.  
**RPD** Relative Percent Difference

## ADDITIONAL COMMENTS

**For 8260 analyses:**

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.  
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

**For GRO (C4-C12):**

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

**For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :**

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

**TestAmerica Irvine**

Sushmitha Reddy  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IUL0444 <Page 16 of 17>**

Arcadis US Inc Irvine (former Costa Mesa)  
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Project ID: Chevron - 21-1283  
3810 Broadway Terrace, Oakland CA  
Report Number: IUL0444

Sampled: 12/02/11  
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## Certification Summary

### TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

### TestAmerica Irvine

Sushmitha Reddy  
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Chain of Custody Record

1060444

**TestAmerica**  
 THE LEADER IN ENVIRONMENTAL TESTING  
 135215  
 TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Thomas Potter				Site Contact:				Date: 12/2/11				COC No:											
Arcadis - U.S., Inc. - Folsom		Tel/Fax: (916) 985-2079				Lab Contact: Sushmitha Reddy				Carrier: BTS				1 of 1 COCs											
950 Glenn Drive, Suite 125		Analysis Turnaround Time				Filtered Sample GRO by EPA 8015 MOD BTEX & MTBE (8260B) DRO with Silica Gel Clean Up by 8015 DRO without Silica Gel Clean Up by 8015 Ethanol by 8260B								Job No.											
Folsom, CA 95630		Calendar (C) or Work Days (W)												11202-DR1											
916-985-2079 Phone		TAT if different from Below _____												SDG No.											
916-985-2096 FAX		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day																							
Project Name: 3810 Broadway Terrace, Oakland, CA																									
Site: 21-1283																									
P O		Global ID: T0600101108												Sample Specific Notes:											
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.																			
MW-4		12/2/11	1010	Grab	W	9	X	X	X	X	X														
MW-5B			1250		W	9	X	X	X	X	X														
MW-6			1335		W	9	X	X	X	X	X														
MW-7			1135		W	9	X	X	X	X	X														
MW-9			1040		W	9	X	X	X	X	X														
MW-10			1310		W	9	X	X	X	X	X														
MW-11			1205		W	9	X	X	X	X	X														
MW-12			1410		W	9	X	X	X	X	X														
TB- 2011 1202		✓	0700	✓	W	4	X	X				AGS 12/2/11 1/8/15													
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							1,2	1,2	1	1	1														
Possible Hazard Identification							Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)																		
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown							<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																		
Special Instructions/QC Requirements & Comments:																									
MUST MEET LOWEST DETECTION LIMITS POSSIBLE FOR 8260 COMPOUNDS USE 10 GRAM SILICA GEL CLEAN UP 3.1°C																									
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:															
		BTS		12/2/11 1500				TAGE		12-2-11 1500															
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:															
		TAGE		12-2-11 1745		John Muller		TAMM		12-2-11 1745															
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:															
John Muller		TAMM		12-3-11 1600				TA - I		12/6/11 10:15															



ARCADIS

**Attachment 3**

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* (fL)	DTW (fL)	GWE (msl)	SPHT (fL)	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)
<b>MW-1</b>													
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 <sup>1</sup>	--
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 <sup>6</sup>	86.92	21.78	65.14	--	330	<50	<0.50	<0.50	<0.50	<0.50	--	0.87	--
09/05/01 <sup>6</sup>	86.92	24.37	62.55	--	400	74	<0.50	0.63	<0.50	2.7	--	<5.0	--
12/20/01 <sup>6</sup>	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 <sup>9</sup>	<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 <sup>10</sup>	86.69	21.34	65.35	0.00	310	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 <sup>10</sup>	86.69	22.46	64.23	0.00	150	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03 <sup>10</sup>	86.69	22.10	64.59	0.00	350	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04 <sup>10</sup>	86.69	20.42	66.27	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
06/21/04 <sup>10</sup>	86.69	21.93	64.76	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 <sup>10</sup>	86.69	22.99	63.70	0.00	240	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04 <sup>10</sup>	86.69	21.78	64.91	0.00	320 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05 <sup>10</sup>	86.69	19.28	67.41	0.00	400 <sup>9</sup>	<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* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	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)	
<b>MW-1 (cont)</b>														
06/27/05 <sup>10</sup>	86.69	20.82	65.87	0.00	200 <sup>12</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
09/19/05 <sup>10</sup>	86.69	22.17	64.52	0.00	62	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
12/19/05 <sup>10</sup>	86.69	22.06	64.63	0.00	360 <sup>10</sup>	<50	<0.5	0.8	<0.5	<0.5	--	<0.5	<50	
03/27/06 <sup>10</sup>	86.69	18.27	68.42	0.00	320	77	<0.5	0.5	2	4	--	0.7	<50	
06/26/06 <sup>10</sup>	86.69	20.20	66.49	0.00	290	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
09/25/06 <sup>10</sup>	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 <sup>10</sup>	NP <sup>18</sup>	86.69	20.82	65.87	0.00	630	<50	<0.5	<0.5	<0.5	--	<0.5	<50	
06/25/07 <sup>10</sup>	NP <sup>18</sup>	86.69	28.62	58.07	0.00	4,100 <sup>19</sup>	<50	<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 <sup>10</sup>	NP <sup>18</sup>	86.69	25.87	60.82	0.00	2,200	760	<0.5	<0.5	<0.5	--	<0.5	<50	
09/22/08 <sup>10</sup>	NP <sup>18</sup>	86.69	24.18	62.51	0.00	700	190	<0.5	<0.5	<0.5	--	<0.5	<50	
12/22/08 <sup>10</sup>	86.69	23.30	63.39	0.00	290	65	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
03/23/09 <sup>10</sup>	NP <sup>18</sup>	86.69	21.35	65.34	0.00	1,500	<50	<0.5	<0.5	<0.5	--	0.9	<50	
06/22/09 <sup>10</sup>	NP <sup>18</sup>	86.69	22.06	64.63	0.00	87	<50	<0.5	<0.5	<0.5	--	<0.5	<50	
12/02/09 <sup>10</sup>	86.69	25.02	61.67	0.00	530	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50	
06/26/10 <sup>10</sup>	NP <sup>18</sup>	86.69	24.83	61.86	0.00	340	<50	<0.5	<0.5	<0.5	--	<0.5	<50	
<b>MW-4</b>														
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 (mst)	SPHT (ft.)	TPH- DRG (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)
<b>MW-4 (cont)</b>													
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	--	-- <sup>5</sup>	<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 <sup>6</sup>	83.63	18.55	65.08	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01 <sup>6</sup>	83.63	19.10	64.53	--	710	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
12/20/01 <sup>6</sup>	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 <sup>10</sup>	83.31	18.13	65.18	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 <sup>10</sup>	83.31	19.08	64.23	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03 <sup>10</sup>	83.31	18.78	64.53	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04 <sup>10</sup>	83.31	17.31	66.00	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04 <sup>10</sup>	83.31	18.67	64.64	0.00	87	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 <sup>10</sup>	83.31	19.58	63.73	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04 <sup>10</sup>	83.31	18.59	64.72	0.00	66 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05 <sup>10</sup>	83.31	16.82	66.49	0.00	71 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05 <sup>10</sup>	83.31	17.61	65.70	0.00	120 <sup>12</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05 <sup>10</sup>	83.31	19.00	64.31	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/19/05 <sup>10</sup>	83.31	18.69	64.62	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/27/06 <sup>10</sup>	83.31	15.05	68.26	0.00	160	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06 <sup>10</sup>	83.31	16.81	66.50	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06 <sup>10</sup>	83.31	18.59	64.72	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06 <sup>10</sup>	83.31	18.26	65.05	0.00	250	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07 <sup>10</sup>	83.31	17.62	65.69	0.00	93	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07 <sup>10</sup>	83.31	24.82	58.49	0.00	4,600 <sup>19</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/24/07 <sup>10</sup>	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 <sup>10</sup>	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 <sup>10</sup>	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)
<b>MW-4 (cont)</b>													
06/11/08 <sup>10</sup>	83.31	22.53	60.78	0.00	520	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08 <sup>10</sup>	83.31	20.99	62.32	0.00	59	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/08 <sup>10</sup>	83.31	19.93	63.38	0.00	260	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/23/09 <sup>10</sup>	83.31	18.17	65.14	0.00	74	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/22/09 <sup>10</sup>	83.31	18.90	64.41	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/02/09 <sup>10</sup>	83.31	21.63	61.68	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/10 <sup>10</sup>	83.31	21.56	61.75	0.00	56	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
<b>MW-5B</b>													
06/25/02 <sup>7</sup>	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 <sup>10</sup>	85.36	20.18	65.18	0.00	300	<50	<0.5	<0.5	<0.5	<0.5	--	290	--
09/22/03 <sup>10</sup>	85.36	21.19	64.17	0.00	200	91	19	<0.5	3	<0.5	--	260	<50
12/22/03 <sup>10</sup>	85.36	20.85	64.51	0.00	410	99	18	<0.5	<0.5	<0.5	--	52	<50
03/22/04 <sup>10</sup>	85.36	19.26	66.10	0.00	400	<50	<0.5	<0.5	<0.5	<0.5	--	210	<50
06/21/04 <sup>10</sup>	85.36	20.70	64.66	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	100	<50
09/20/04 <sup>10</sup>	85.36	21.69	63.67	0.00	430	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50
12/20/04 <sup>10</sup>	85.36	20.56	64.80	0.00	400 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	48	<50
03/28/05 <sup>10</sup>	85.36	18.12	67.24	0.00	480 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	67	<50
06/27/05 <sup>10</sup>	85.36	19.61	65.75	0.00	350 <sup>13</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	57	<50
09/19/05 <sup>10</sup>	85.36	20.88	64.48	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	32	<50
12/19/05 <sup>10</sup>	85.36	20.74	64.62	0.00	330 <sup>16</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	21	<50
03/27/06 <sup>10</sup>	85.36	17.10	68.26	0.00	550	<50	<0.5	<0.5	<0.5	<0.5	--	31	<50
06/26/06 <sup>10</sup>	85.36	19.05	66.31	0.00	410	<50	<0.5	<0.5	<0.5	<0.5	--	30	<50
09/25/06 <sup>10</sup>	85.36	20.61	64.75	0.00	320	<50	<0.5	<0.5	<0.5	<0.5	--	25	<50
12/18/06 <sup>10</sup>	85.36	20.35	65.01	0.00	580	<50	<0.5	<0.5	<0.5	<0.5	--	14	<50
03/19/07 <sup>10</sup>	85.36	19.62	65.74	0.00	170	<50	<0.5	<0.5	<0.5	<0.5	--	24	<50
06/25/07 <sup>10</sup>	85.36	26.94	58.42	0.00	950 <sup>19</sup>	250 <sup>19</sup>	2	<0.5	0.6	1	--	15	<50
09/24/07 <sup>10</sup>	85.36	28.78	56.58	0.00	1,300	1,900	5	0.6	3	5	--	25	<50
12/18/07 <sup>10</sup>	85.36	27.98	57.38	0.00	560	2,100	19	<0.5	2	4	--	28	<50

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

WELL ID/ DATE	TOC* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	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)
<b>MW-5B (cont)</b>													
03/11/08 <sup>10</sup>	85.36	27.17	58.19	0.00	290	640	16	<0.5	4	0.5	--	38	<50
06/11/08 <sup>10</sup>	85.36	24.51	60.85	0.00	280	1,100	20	<0.5	6	1	--	21	<50
09/22/08 <sup>10</sup>	85.36	22.85	62.51	0.00	110	280	9	<0.5	<0.5	<0.5	--	22	<50
12/22/08 <sup>10</sup>	85.36	22.00	63.36	0.00	220	200	2	<0.5	<0.5	<0.5	--	25	<50
03/23/09 <sup>10</sup>	85.36	20.20	65.16	0.00	240	97	<0.5	<0.5	<0.5	<0.5	--	11	<50
06/22/09 <sup>10</sup>	85.36	20.92	64.44	0.00	97	220	<0.5	<0.5	<0.5	<0.5	--	7	<50
12/02/09 <sup>10</sup>	85.36	23.74	61.62	0.00	130	130	<0.5	<0.5	<0.5	<0.5	--	8	<50
06/26/10 <sup>10</sup>	85.36	23.60	61.76	0.00	130	160	<0.5	<0.5	<0.5	<0.5	--	17	<50
<b>MW-6</b>													
10/10/96	86.09	22.44	63.65	--	500	45,000	8,300	2,900	810	3,100	190	40 <sup>1</sup>	--
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 <sup>6</sup>	86.48	21.11	65.37	--	<1,500	40,000	2,800	6,000	1,200	5,300	--	<25	--
09/05/01 <sup>6</sup>	86.48	21.37	65.11	--	<1,000	18,000	3,800	800	730	1,400	--	<200	--
12/20/01 <sup>6</sup>	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	--	--

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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)
<b>MW-6 (cont)</b>													
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 <sup>10</sup>	86.09	20.96	65.13	0.00	2,400	21,000	2,000	1,400	890	2,500	--	6	--
09/22/03 <sup>10</sup>	86.09	21.95	64.14	0.00	1,800	7,400	920	220	360	580	--	5	<50
12/22/03 <sup>10</sup>	86.09	21.63	64.46	0.00	2,300	9,700	1,700	240	450	1,000	--	6	<100 <sup>11</sup>
03/22/04 <sup>10</sup>	86.09	20.31	65.78	0.00	2,700	23,000	1,500	1,400	830	2,800	--	4	<250
06/21/04 <sup>10</sup>	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 <sup>10</sup>	86.09	22.29	63.80	0.00	1,300	4,600	480	65	200	260	--	4	<100
12/20/04 <sup>10</sup>	86.09	21.33	64.76	0.00	1,500	9,500	1,500	220	450	840	--	5	<250
03/28/05 <sup>10</sup>	86.09	19.65	66.44	0.00	2,400 <sup>9</sup>	13,000	1,100	550	600	1,600	--	3	<250
06/27/05 <sup>10</sup>	86.09	19.86	66.23	0.00	2,100 <sup>14</sup>	15,000	1,100	1,300	790	2,600	--	3	<100
09/19/05 <sup>10</sup>	86.09	20.49	65.60	0.00	2,300	18,000	1,300	1,200	800	2,500	--	3	<100
12/19/05 <sup>10</sup>	86.09	21.49	64.60	0.00	1,900 <sup>14</sup>	13,000	1,900	190	620	890	--	5	110
03/27/06 <sup>10</sup>	86.09	18.28	67.81	0.00	1,300	14,000	740	420	600	1,400	--	2	<50
06/26/06 <sup>10</sup>	86.09	19.08	67.01	0.00	2,300	23,000	660	1,700	870	3,000	--	<3	<250
09/25/06 <sup>10</sup>	86.09	20.02	66.07	0.00	2,100	18,000	580	1,200	760	2,600	--	1	<100
12/18/06 <sup>10</sup>	86.09	20.57	65.52	0.00	2,700	14,000	1,200	370	680	1,300	--	4	<50
03/19/07 <sup>10</sup>	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 <sup>10</sup>	86.09	25.35	60.74	0.00	820	1,400	110	<0.5	6	0.8	--	4	<50
09/22/08 <sup>10</sup>	86.09	23.51	62.58	0.00	780	1,400	52	<0.5	6	1	--	6	<50
12/22/08 <sup>10</sup>	86.09	22.75	63.34	0.00	880	1,100	39	<0.5	1	<0.5	--	6	<50
03/23/09 <sup>10</sup>	86.09	20.48	65.61	0.00	2,100	7,900	460	140	470	1,200	--	3	<50
06/22/09 <sup>10</sup>	86.09	21.40	64.69	0.00	1,900	7,300	370	210	330	810	--	4	<50
12/02/09 <sup>10</sup>	86.09	24.48	61.61	0.00	1,200	3,200	170	10	39	42	--	3	<50
06/26/10 <sup>10</sup>	86.09	24.14	61.95	0.00	1,300	2,800	230	14	110	120	--	3	<50



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Oakland, California

WELL ID/ DATE	TOC* (fL)	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 8011♦ (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	--	-- <sup>5</sup>	<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 <sup>6</sup>	84.44	19.30	65.14	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01 <sup>6</sup>	84.44	20.22	64.22	--	<50	<50	0.64	0.84	0.94	5.2	--	<5.0	--
12/20/01 <sup>6</sup>	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 <sup>10</sup>	84.11	19.00	65.11	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 <sup>10</sup>	84.11	20.05	64.06	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/03 <sup>10</sup>	84.11	19.72	64.39	0.00	72	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/22/04 <sup>10</sup>	84.11	17.94	66.17	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04 <sup>10</sup>	84.11	19.53	64.58	0.00	73	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 <sup>10</sup>	84.11	20.59	63.52	0.00	69	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/20/04 <sup>10</sup>	84.11	19.43	64.68	0.00	67 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/28/05 <sup>10</sup>	84.11	16.68	67.43	0.00	69 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05 <sup>10</sup>	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* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	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)
<b>MW-7 (cont)</b>													
09/19/05 <sup>10</sup>	84.11	19.77	64.34	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/19/05 <sup>10</sup>	84.11	19.38	64.73	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/27/06 <sup>10</sup>	84.11	15.51	68.60	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06 <sup>10</sup>	84.11	17.85	66.26	0.00	70	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06 <sup>10</sup>	84.11	19.53	64.58	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06 <sup>10</sup>	84.11	19.28	64.83	0.00	270	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07 <sup>10</sup>	84.11	18.32	65.79	0.00	81	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07 <sup>10</sup>	84.11	26.92	57.19	0.00	65	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/24/07 <sup>10</sup>	84.11	28.32	55.79	0.00	<150	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
12/18/07 <sup>10</sup>	84.11	27.61	56.50	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
03/11/08 <sup>10</sup>	84.11	26.63	57.48	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/11/08 <sup>10</sup>	84.11	23.43	60.68	0.00	98	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08 <sup>10</sup>	84.11	21.69	62.42	0.00	54	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/22/08 <sup>10</sup>	84.11	20.78	63.33	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/23/09 <sup>10</sup> NP <sup>22</sup>	84.11	18.45	65.66	0.00	58	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/22/09 <sup>10</sup>	84.11	19.70	64.41	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/02/09 <sup>10</sup>	84.11	22.40	61.71	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/10 <sup>18</sup>	84.11	22.44	61.67	0.00	68	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
<b>MW-9</b>													
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* (fL)	DTW (fL)	GWE (mst)	SPHT (fL)	TPH- DRO (µg/L)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8621♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
<b>MW-9 (cont)</b>													
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 <sup>8</sup>	82.52	17.83	64.69	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01 <sup>9</sup>	82.52	17.98	64.54	--	<50	<50	<0.50	<0.50	<0.50	1.6	--	<5.0	--
12/20/01 <sup>9</sup>	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 <sup>10</sup>	82.17	17.14	65.03	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	--
09/22/03 <sup>10</sup>	82.17	17.72	64.45	0.00	66	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
12/22/03 <sup>10</sup>	82.17	17.44	64.73	0.00	94	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
03/22/04 <sup>10</sup>	82.17	16.07	66.10	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.7	<50
06/21/04 <sup>10</sup>	82.17	17.38	64.79	0.00	80	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/20/04 <sup>10</sup>	82.17	18.14	64.03	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
12/20/04 <sup>10</sup>	82.17	17.15	65.02	0.00	74 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/28/05 <sup>10</sup>	82.17	15.47	66.70	0.00	84 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
06/27/05 <sup>10</sup>	82.17	16.41	65.76	0.00	140 <sup>12</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
09/19/05 <sup>10</sup>	82.17	17.42	64.75	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	5	<50
12/19/05 <sup>10</sup>	82.17	17.93	64.24	0.00	52 <sup>17</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	5	<50
03/27/06 <sup>10</sup>	82.17	13.75	68.42	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	7	<50
06/26/06 <sup>10</sup>	82.17	15.90	66.27	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50
09/25/06 <sup>10</sup>	82.17	17.27	64.90	0.00	57	<50	<0.5	<0.5	<0.5	<0.5	--	8	<50
12/18/06 <sup>10</sup>	82.17	16.67	65.50	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	--	7	<50
03/19/07 <sup>10</sup>	82.17	16.16	66.01	0.00	210	<50	<0.5	<0.5	<0.5	<0.5	--	9	<50
06/25/07 <sup>10</sup>	82.17	23.84	58.33	0.00	74	<50	<0.5	<0.5	<0.5	<0.5	--	6	<50
09/24/07 <sup>10</sup>	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 <sup>10</sup>	82.17	24.07	58.10	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/11/08 <sup>10</sup>	82.17	21.23	60.94	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08 <sup>10</sup>	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 8011 <sup>♠</sup> (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
<b>MW-9 (cont)</b>													
11/06/08 <sup>10</sup>	82.17	19.15	63.02	0.00	<50 <sup>21</sup>	--	--	--	--	--	--	--	--
12/22/08 <sup>10</sup>	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 <sup>10</sup>	82.17	17.60	64.57	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	29	<50
12/02/09 <sup>10</sup>	82.17	20.44	61.73	0.00	90	<50	<0.5	<0.5	<0.5	<0.5	--	21	<50
06/26/10 <sup>10</sup>	82.17	20.38	61.79	0.00	120	<50	<0.5	<0.5	<0.5	<0.5	--	13	<50
<b>MW-10</b>													
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 <sup>4</sup>	--
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 <sup>6</sup>	82.16	16.85	65.31	--	<50	400	47	2.6	8.8	17	--	0.60	--
09/05/01 <sup>6</sup>	82.16	17.87	64.29	--	<100	230	20	<0.50	1.2	5.3	--	<5.0	--
12/20/01 <sup>6</sup>	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 <sup>10</sup>	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* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	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)
<b>MW-10 (cont)</b>													
09/22/03 <sup>10</sup>	81.83	17.60	64.23	0.00	180	480	48	3	7	17	--	0.8	<50
12/22/03 <sup>10</sup>	81.83	17.31	64.52	0.00	120	230	7	<0.5	<0.5	1	--	0.9	<50
03/22/04 <sup>10</sup>	81.83	15.58	66.25	0.00	230	1,500	72	26	30	82	--	0.7	<50
06/21/04 <sup>10</sup>	81.83	17.12	64.71	0.00	220	1,000	120	29	47	73	--	2	<50
09/20/04 <sup>10</sup>	81.83	18.12	63.71	0.00	230	470	36	5	6	20	--	2	<50
12/20/04 <sup>10</sup>	81.83	17.01	64.82	0.00	170 <sup>9</sup>	480	13	2	1	7	--	2	<50
03/28/05 <sup>10</sup>	81.83	14.64	67.19	0.00	450 <sup>9</sup>	1,900	64	46	55	140	--	1	<50
06/27/05 <sup>10</sup>	81.83	15.99	65.84	0.00	400 <sup>15</sup>	1,700	140	61	33	180	--	3	<50
09/19/05 <sup>10</sup>	81.83	17.35	64.48	0.00	170	1,200	98	35	58	110	--	5	<50
12/19/05 <sup>10</sup>	81.83	17.12	64.71	0.00	160 <sup>14</sup>	1,000	61	23	20	47	--	5	<50
03/27/06 <sup>10</sup>	81.83	13.35	68.48	0.00	180	670	6	4	8	11	--	5	<50
06/26/06 <sup>10</sup>	81.83	15.10	66.73	0.00	580	4,700	220	110	150	390	--	0.8	<50
09/25/06 <sup>10</sup>	81.83	17.10	64.73	0.00	480	4,400	290	180	200	350	--	4	<50
12/18/06 <sup>10</sup>	81.83	16.75	65.08	0.00	2,900	2,500	270	97	97	170	--	1	<50
03/19/07 <sup>10</sup>	81.83	15.91	65.92	0.00	650	2,000	150	43	52	88	--	1	<50
06/25/07 <sup>10</sup>	81.83	24.41	57.42	0.00	7,600 <sup>19</sup>	<50 <sup>19</sup>	<0.5	<0.5	<0.5	<0.5	--	4	<50
09/24/07 <sup>10</sup>	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 <sup>10</sup>	81.83	24.56	57.27	0.00	1,200	190	1	<0.5	<0.5	<0.5	--	2	<50
06/11/08 <sup>10</sup>	81.83	20.97	60.86	0.00	2,500	190	2	<0.5	<0.5	<0.5	--	2	<50
09/22/08 <sup>10</sup>	81.83	19.27	62.56	0.00	--	500	2	<0.5	<0.5	<0.5	--	0.7	<50
11/06/08 <sup>10</sup>	81.83	18.92	62.91	0.00	550 <sup>21</sup>	--	--	--	--	--	--	--	--
12/22/08 <sup>10</sup>	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 <sup>10</sup>	81.83	17.45	64.38	0.00	1,100	970	26	14	46	79	--	0.6	<50
12/02/09 <sup>10</sup>	81.83	20.12	61.71	0.00	86	170	1	<0.5	<0.5	0.9	--	0.9	<50
06/26/10 <sup>10</sup>	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	--	--	-- <sup>5</sup>	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	--

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

WELL ID/ DATE	TOC* (fl)	DTW (fl)	GWE (msl)	SPHT (fl)	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)
<b>MW-11 (cont)</b>													
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 <sup>6</sup>	90.63	25.57	65.06	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	--
09/05/01 <sup>6</sup>	90.63	26.42	64.21	--	<50	<50	<0.50	<0.50	<0.50	0.68	--	<5.0	--
12/20/01 <sup>6</sup>	90.63	24.27	66.36	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--
06/25/02	-- <sup>8</sup>	25.51	-- <sup>8</sup>	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/18/02	-- <sup>8</sup>	26.31	-- <sup>8</sup>	0.00	80	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/19/02	-- <sup>8</sup>	25.08	-- <sup>8</sup>	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/20/03	-- <sup>8</sup>	24.87	-- <sup>8</sup>	0.00	<50	<50	<0.50	0.51	<0.50	<1.5	<2.5	--	--
06/23/03 <sup>10</sup>	-- <sup>8</sup>	25.21	-- <sup>8</sup>	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 <sup>10</sup>	-- <sup>8</sup>	26.26	-- <sup>8</sup>	0.00	52	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
12/22/03 <sup>10</sup>	-- <sup>8</sup>	25.97	-- <sup>8</sup>	0.00	69	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/22/04 <sup>10</sup>	-- <sup>8</sup>	24.13	-- <sup>8</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/21/04 <sup>10</sup>	-- <sup>8</sup>	25.74	-- <sup>8</sup>	0.00	79	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/20/04 <sup>10</sup>	-- <sup>8</sup>	26.83	-- <sup>8</sup>	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	4	<50
12/20/04 <sup>10</sup>	-- <sup>8</sup>	25.67	-- <sup>8</sup>	0.00	54 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	3	<50
03/28/05 <sup>10</sup>	-- <sup>8</sup>	23.03	-- <sup>8</sup>	0.00	58 <sup>9</sup>	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/27/05 <sup>10</sup>	-- <sup>8</sup>	24.61	-- <sup>8</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/19/05 <sup>10</sup>	-- <sup>8</sup>	25.98	-- <sup>8</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.6	<50
12/19/05 <sup>10</sup>	-- <sup>8</sup>	25.93	-- <sup>8</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/27/06 <sup>10</sup>	-- <sup>8</sup>	21.81	-- <sup>8</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/06 <sup>10</sup>	-- <sup>8</sup>	24.00	-- <sup>8</sup>	0.00	64	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/25/06 <sup>10</sup>	-- <sup>8</sup>	25.75	-- <sup>8</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
12/18/06 <sup>10</sup>	-- <sup>8</sup>	25.55	-- <sup>8</sup>	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
03/19/07 <sup>10</sup>	-- <sup>8</sup>	24.58	-- <sup>8</sup>	0.00	63	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/25/07 <sup>10</sup>	-- <sup>8</sup>	32.81	-- <sup>8</sup>	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	--	1	<50
09/24/07 <sup>10</sup>	-- <sup>8</sup>	34.24	-- <sup>8</sup>	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
12/18/07 <sup>10</sup>	-- <sup>8</sup>	33.52	-- <sup>8</sup>	0.00	90	<50	<0.5	<0.5	<0.5	<0.5	--	2	<50
03/11/08 <sup>10</sup>	-- <sup>8</sup>	32.55	-- <sup>8</sup>	0.00	52	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/11/08 <sup>10</sup>	-- <sup>8</sup>	29.77	-- <sup>8</sup>	0.00	96	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
09/22/08 <sup>10</sup>	-- <sup>8</sup>	27.91	-- <sup>8</sup>	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
11/06/08 <sup>10</sup>	-- <sup>8</sup>	27.65	-- <sup>8</sup>	0.00	<50 <sup>21</sup>	--	--	--	--	--	--	--	--
12/22/08 <sup>10</sup>	-- <sup>8</sup>	27.03	-- <sup>8</sup>	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* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	TPH- DRG (µg/L)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8021Φ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
<b>MW-11 (cont)</b>													
03/23/09 <sup>10</sup>	— <sup>s</sup>	25.03	— <sup>s</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<0.5	<50
06/22/09 <sup>10</sup>	— <sup>s</sup>	25.84	— <sup>s</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<0.5	<50
12/02/09 <sup>10</sup>	— <sup>s</sup>	28.54	— <sup>s</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	0.8	—	<0.5	<50
06/26/10 <sup>10</sup>	— <sup>s</sup>	28.58	— <sup>s</sup>	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<0.5	<50
<b>MW-12</b>													
06/25/02 <sup>7</sup>	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 <sup>10</sup>	84.19	18.27	65.92	0.00	400	400	130	4	1	0.7	—	14	—
09/22/03 <sup>10</sup>	84.19	19.52	64.67	0.00	270	<50	9	<0.5	<0.5	<0.5	—	9	<50
12/22/03 <sup>10</sup>	84.19	19.75	64.44	0.00	130	720	130	29	10	46	—	2	<50
03/22/04 <sup>10</sup>	84.19	17.06	67.13	0.00	240	<50	3	<0.5	<0.5	1	—	0.5	<50
06/21/04 <sup>10</sup>	84.19	18.82	65.37	0.00	350	140	43	<0.5	<0.5	<0.5	—	8	<50
09/20/04 <sup>10</sup>	84.19	19.99	64.20	0.00	340	<50	<0.5	<0.5	<0.5	<0.5	—	2	<50
12/20/04 <sup>10</sup>	84.19	19.46	64.73	0.00	160 <sup>9</sup>	1,300	400	28	31	31	—	1	<50
03/28/05 <sup>10</sup>	84.19	16.42	67.77	0.00	440 <sup>9</sup>	90	24	<0.5	<0.5	<0.5	—	1	<50
06/27/05 <sup>10</sup>	84.19	17.53	66.66	0.00	170 <sup>13</sup>	<50	<0.5	<0.5	<0.5	<0.5	—	1	<50
09/19/05 <sup>10</sup>	84.19	19.04	65.15	0.00	190	<50	<0.5	<0.5	<0.5	<0.5	—	3	<50
12/19/05 <sup>10</sup>	84.19	19.41	64.78	0.00	340 <sup>13</sup>	330	94	5	1	3	—	2	<50
03/27/06 <sup>10</sup>	84.19	15.45	68.74	0.00	140	130	33	0.7	1	4	—	0.8	<50
06/26/06 <sup>10</sup>	84.19	16.70	67.49	0.00	220	<50	<0.5	<0.5	<0.5	<0.5	—	<0.5	<50
09/25/06 <sup>10</sup>	84.19	18.81	65.38	0.00	200	<50	<0.5	<0.5	<0.5	<0.5	—	<0.5	<50
12/18/06 <sup>10</sup>	84.19	18.94	65.25	0.00	410	240	68	5	1	1	—	1	<50
03/19/07 <sup>10</sup>	84.19	17.83	66.36	0.00	200	55	7	<0.5	<0.5	<0.5	—	2	<50
06/25/07 <sup>10</sup>	84.19	25.80	58.39	0.00	1,600 <sup>19</sup>	5,500 <sup>19</sup>	1,000 <sup>19</sup>	190 <sup>19</sup>	170 <sup>19</sup>	320 <sup>19</sup>	—	2	<100
09/24/07 <sup>10</sup>	84.19	27.88	56.31	0.00	2,300	<50	0.7	<0.5	<0.5	<0.5	—	1	<50
12/18/07 <sup>10</sup>	84.19	27.06	57.13	0.00	550	230	17	<0.5	<0.5	<0.5	—	<0.5	<50
03/11/08 <sup>10</sup>	84.19	25.60	58.59	0.00	1,100	7,000	960	330	410	860	—	<1	<100
06/11/08 <sup>10</sup>	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 8011♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
<b>MW-12 (cont)</b>													
09/22/08 <sup>10</sup>	84.19	21.48	62.71	0.00	--	13,000	1,800	93	480	1,200	--	16	<100
11/06/08 <sup>10</sup>	84.19	21.20	62.99	0.00	1,600 <sup>21</sup>	--	--	--	--	--	--	--	--
12/22/08 <sup>10</sup>	84.19	20.90	63.29	0.00	1,800	7,700	1,400	220	310	560	--	7	<100
03/23/09 <sup>10</sup>	84.19	18.02	66.17	0.00	3,400	4,900	620	170	170	320	--	3	<50
06/22/09 <sup>10</sup>	84.19	18.83	65.36	0.00	500	1,100	100	19	35	43	--	1	<50
12/02/09 <sup>10</sup>	84.19	22.61	61.58	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	<50
06/26/10 <sup>10</sup>	84.19	21.83	62.36	0.00	1,200	7,600	580	47	36	1,400	--	<1	<100
<b>MW-2</b>													
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 <sup>1</sup>	--
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	-- <sup>3</sup>	18.19	--	--	41,100	54,100	1,260	3,320	2,180	8,200	<1,250	--	--
<b>DESTROYED</b>													
<b>MW-3</b>													
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 <sup>2</sup>	--	--	--	--	--	--	--	--	--

**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)
<b>MW-3 (cont)</b>													
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													
<b>MW-5</b>													
10/10/96	85.41	21.93	63.48	--	<50	1,800	34	4.7	11	44	21	5.0 <sup>1</sup>	--
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* (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	TPH- DRO (µg/L)	TPH- GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE by 8621♦ (µg/L)	MTBE by 8260 (µg/L)	ETHANOL (µg/L)
<b>MW-8</b>													
10/10/96	84.01	20.82	63.19	--	110	17,000	1,300	1,200	64	1,300	110	<5.0 <sup>l</sup>	--
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	--	--	--	--	--	--	--	--	--
<b>DESTROYED</b>													
<b>TRIP BLANK</b>													
<b>QA</b>													
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 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/22/03 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/22/03 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/22/04 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/21/04 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/20/04 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/20/04 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/28/05 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/27/05 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/19/05 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/19/05 <sup>10</sup>	--	--	--	--	--	<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* (fL)	DTW (fL)	GWE (msl)	SPHT (fL)	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 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/26/06 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/25/06 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/18/06 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/19/07 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/25/07 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
09/24/07 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/18/07 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/11/08 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/11/08 <sup>20</sup>	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/08 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/22/08 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
03/23/09 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/22/09 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
12/02/09 <sup>10</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	--
06/26/10 <sup>10</sup>	--	--	--	--	--	<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	TPH = Total Petroleum Hydrocarbons	MTBE = Methyl Tertiary Butyl Ether
(ft.) = Feet	DRO = Diesel Range Organics	(ppb) = Parts per billion
DTW = Depth to Water	GRO = Gasoline Range Organics	(µg/L) = Micrograms per liter
GWE = Groundwater Elevation	B = Benzene	-- = Not Measured/Not Analyzed
(msl) = Mean Sea Level	T = Toluene	QA = Quality Assurance/Trip Blank
SPH = Separate-phase hydrocarbons	E = Ethylbenzene	NP= No Purge
SPHT = Separate-phase hydrocarbon thickness	X = Xylenes	

\* 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.	ORP	D.O.	ORP	DO	ORP
		Pre Purging (mg/L)	Pre Purging (mV)	Mid-Purging (mg/L)	Mid-Purging (mV)	Post Purging (mg/L)	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	-- <sup>1</sup>	--	--	1.20	-- <sup>1</sup>
	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	--	--	-- <sup>2</sup>	-- <sup>2</sup>
	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
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.	ORP	D.O.	ORP	DO	ORP
		Pre Purgig (mg/L)	Pre Purgig (mV)	Mid-Purgig (mg/L)	Mid-Purgig (mV)	Post Purgig (mg/L)	Post Purgig (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	--	--	-- <sup>2</sup>	-- <sup>2</sup>
	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.	ORP	D.O.	ORP	DO	ORP	
		Pre Purging (mg/L)	Pre Purging (mV)	Mid-Purging (mg/L)	Mid-Purging (mV)	Post Purging (mg/L)	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	--	--	-- <sup>2</sup>	-- <sup>2</sup>	
	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

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**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

<sup>1</sup> ORP reading under range.

<sup>2</sup> Field technician inadvertently missed readings.