



**CONESTOGA-ROVERS  
& ASSOCIATES**

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

September 30, 2009

Reference No. 311955

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

**RECEIVED**

8:47 am, Mar 23, 2010

Alameda County  
Environmental Health

Re: Second Quarter 2009 Groundwater Monitoring and Sampling Report  
Chevron Service Station 9-3600  
2200 Telegraph Avenue  
Oakland, California  
Fuel Leak Case No. RO0002435

Dear Mr. Detterman:

Conestoga-Rovers & Associates is submitting the attached *Groundwater Monitoring and Sampling Report* for the site referenced above on behalf of Chevron Environmental Management Company (Chevron). The report prepared by Gettler-Ryan Inc. (G-R) and dated July 22 are Figure 1 (Vicinity Map) and Figure 2 (Concentration Map) presenting the Second Quarter 2009 analytical results and groundwater flow direction data. A perjury letter from Chevron and Professional Geologist stamp are included within the G-R report.

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Equal  
Employment Opportunity  
Employer

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**CONESTOGA-ROVERS  
& ASSOCIATES**

September 30, 2009

Reference No. 311955

- 2 -

Please contact Charlotte Evans at (510) 420-3351 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Charlotte Evans

IH/doh/4

Enc.

Figure 1            Site Vicinity Map  
Figure 2            Hydrocarbon Concentrations in Groundwater

Attachment A     July 16, 2009 G-R *Groundwater Monitoring and Sampling Report*

cc:     Mr. Ian Robb, Chevron Environmental Management Company  
         Mr. Joe Zadik

## FIGURES

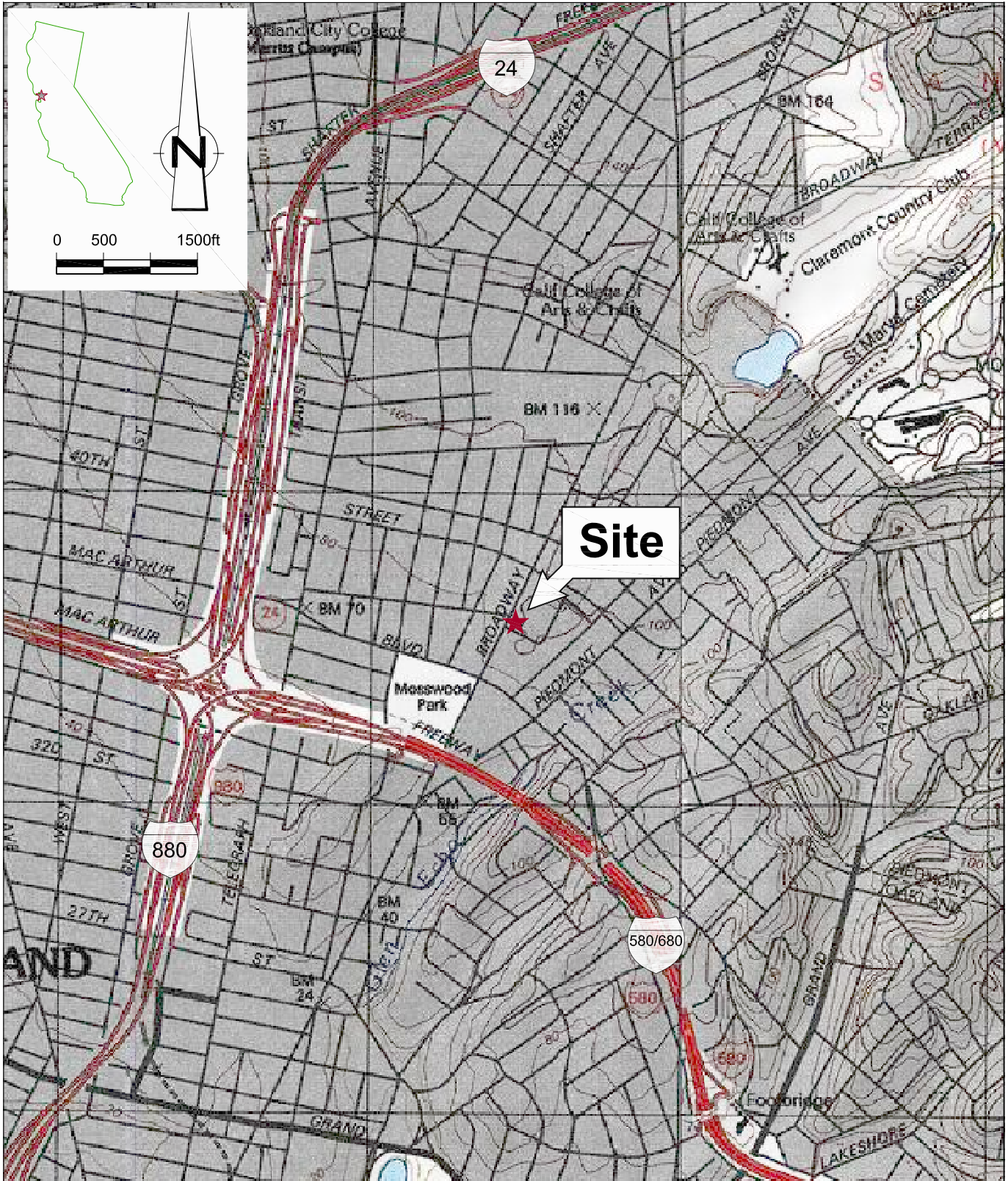
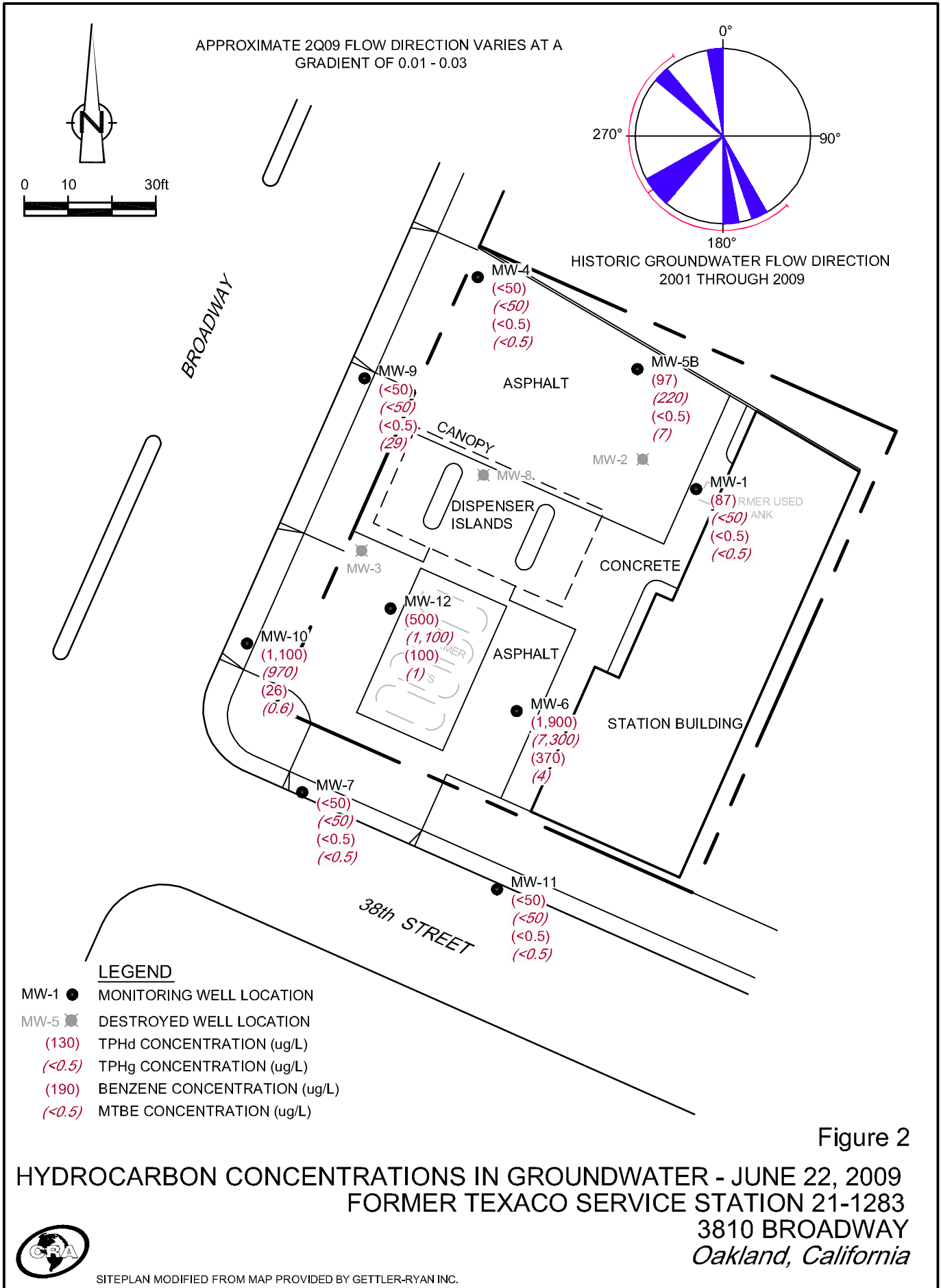


Figure 1  
 SITE VICINITY MAP  
 FORMER TEXACO SERVICE STATION 21-1283  
 3810 BROADWAY  
 Oakland, California





SITEPLAN MODIFIED FROM MAP PROVIDED BY GETTLER-RYAN INC.

ATTACHMENT A

July 16, 2009 G-R *GROUNDWATER MONITORING AND SAMPLING REPORT*



# GETTLER-RYAN Inc.



## TRANSMITTAL

July 22, 2009  
G-R #386956

TO: Ms. Charlotte Evans  
Conestoga-Rovers & Associates  
5900 Hollis Street, Suite A  
Emeryville, California 94608  
**(VIA PDF)**

CC: Mr. Ian Robb  
Chevron EMC  
6111 Bollinger Canyon Road  
Room 3612  
San Ramon, California 94583  
**(NO COPY)**

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

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

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED         | DESCRIPTION   |
|--------|---------------|---|
| 1      | July 16, 2009 | Groundwater Monitoring and Sampling Report<br>Second Quarter Event of June 22, 2009 |

### COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced items for **your use and distribution (including PDF submittal of the entire report to GeoTracker):**

Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(Distributed by CRA via PDF)**  
Mr. Joe Zadik, 8255 San Leandro Street, Oakland, CA 94621

Enclosures

Trans/211283-IR





Ian Robb  
Project Manager  
Marketing Business Unit

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

July 22, 2009

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

RE: Chevron Service Station # 211283

Address 3810 Broadway, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated July 22, 2009.

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

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

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

A handwritten signature in black ink, appearing to read "IAN ROBB", written in a cursive style.

Ian Robb

Attachment: Report



## WELL CONDITION STATUS SHEET

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

Job #: 386956  
 Event Date: 6-22-09  
 Sampler: FT

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

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# GETTLER-RYAN INC.



July 16, 2009  
G-R Job #386956

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

**RE: Second Quarter Event of June 22, 2009**  
Groundwater Monitoring & Sampling Report  
Former Texaco Service Station  
3810 Broadway  
Oakland, California  
(Site #211283)

Dear Mr. Robb:


This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

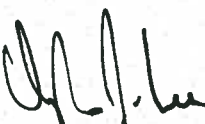
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

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

Sincerely,

  
Deanna L. Harding  
Project Coordinator

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

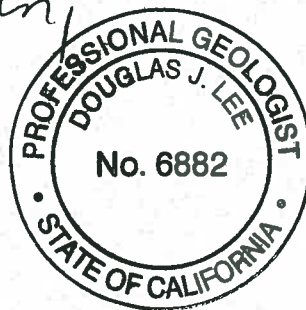
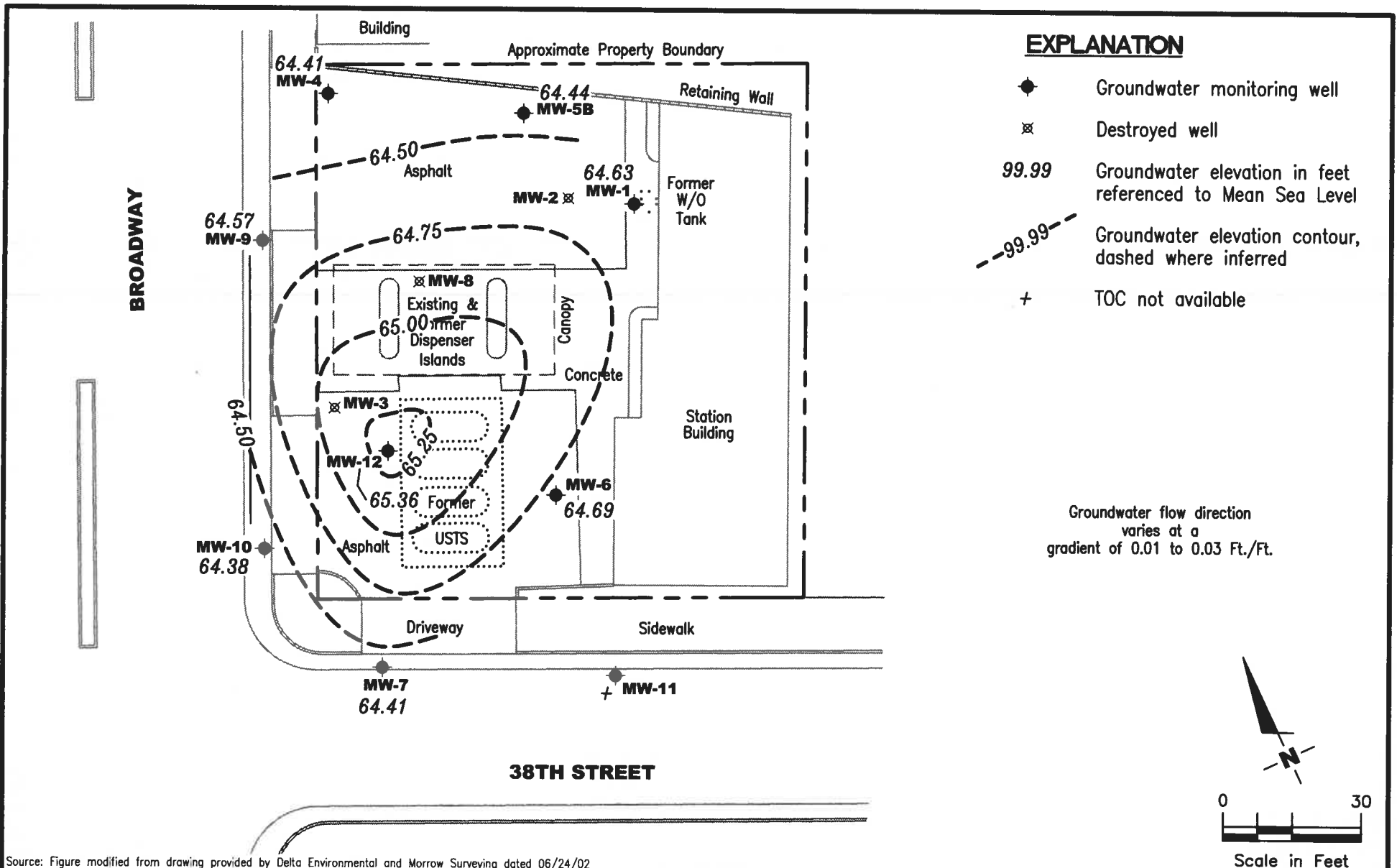


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Field Measurements  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by Delta Environmental and Morrow Surveying dated 06/24/02

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

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

FIGURE  
**1**

PROJECT NUMBER  
**386956**

REVIEWED BY

DATE  
 June 22, 2009

REVISED DATE

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L)           | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(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        | --            | -- <sup>5</sup>                 | 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/<br>DATE       | TOC*<br>(ft.)    | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.)                                | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(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>16</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                       | --                        | <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               |     |
| <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                      | --                        | --                |     |
| 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                      | --                        | --                |     |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.)        | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|---------------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-4 (cont)</b>     |               |                     |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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               |
| 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               |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.)                     | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L)    | T<br>(µg/L)    | E<br>(µg/L)    | X<br>(µg/L)    | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|----------------------------------|--------------|---------------|-----------------------|-----------------------|----------------|----------------|----------------|----------------|----------------------------|---------------------------|-------------------|
| <b>MW-4 (cont)</b>     |               |                                  |              |               |                       |                       |                |                |                |                |                            |                           |                   |
| 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> | <b>83.31</b>  | <b>18.90</b>                     | <b>64.41</b> | <b>0.00</b>   | <b>&lt;50</b>         | <b>&lt;50</b>         | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>--</b>                  | <b>&lt;0.5</b>            | <b>&lt;50</b>     |
| <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               |
| 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               |



**Table 1**  
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Former Texaco Service Station (Site #211283)  
3810 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L)  |
|------------------------|---------------|--------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|--------------------|
| <b>MW-5B (cont)</b>    |               |              |              |               |                       |                       |             |             |             |             |                            |                           |                    |
| 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                |
| <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                        | --                        | --                 |
| 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               |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-6 (cont)</b>     |               |              |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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               |
| <b>MW-7</b>            |               |              |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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                      | --                        | --                |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-7 (cont)</b>     |               |              |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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               |
| 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               |

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Former Texaco Service Station (Site #211283)  
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| WELL ID/<br>DATE       | TOC*<br>(ft.)    | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|------------------|--------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-7 (cont)</b>     |                  |              |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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                    | <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               |
| <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                      | --                        | --                |
| 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>6</sup>  | 82.52            | 17.83        | 64.69        | --            | <50                   | <50                   | <0.50       | <0.50       | <0.50       | <0.50       | --                         | <0.50                     | --                |
| 09/05/01 <sup>6</sup>  | 82.52            | 17.98        | 64.54        | --            | <50                   | <50                   | <0.50       | <0.50       | <0.50       | 1.6         | --                         | <5.0                      | --                |
| 12/20/01 <sup>6</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                       | --                |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-9 (cont)</b>     |               |              |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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               |
| 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               |
| <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                       | --                        | --                |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-10 (cont)</b>    |               |              |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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                       | --                |
| 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               |

**Table 1**  
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Former Texaco Service Station (Site #211283)  
3810 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.)   | DTW<br>(ft.)                    | GWE<br>(msl)    | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|-----------------|---------------------------------|-----------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-10 (cont)</b>    |                 |                                 |                 |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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               |
| <b>MW-11</b>           |                 |                                 |                 |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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      | --                         | --                        | --                |
| 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               |



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

| WELL ID/<br>DATE       | TOC*<br>(ft.)   | DTW<br>(ft.) | GWE<br>(msl)    | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|-----------------|--------------|-----------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-11 (cont)</b>    |                 |              |                 |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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               |
| 03/23/09 <sup>10</sup> | -- <sup>8</sup> | 25.03        | -- <sup>8</sup> | 0.00          | <50                   | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                         | <0.5                      | <50               |
| 06/22/09 <sup>10</sup> | -- <sup>8</sup> | 25.84        | -- <sup>8</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               |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L)         | T<br>(µg/L)       | E<br>(µg/L)       | X<br>(µg/L)       | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------|-----------------------|---------------------|-------------------|-------------------|-------------------|----------------------------|---------------------------|-------------------|
| <b>MW-12 (cont)</b>    |               |              |              |               |                       |                       |                     |                   |                   |                   |                            |                           |                   |
| 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              |
| 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               |
| <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                      | --                        | --                |

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

| WELL ID/<br>DATE   | TOC*<br>(ft.)   | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.)     | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|--------------------|-----------------|--------------|--------------|-------------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-2 (cont)</b> |                 |              |              |                   |                       |                       |             |             |             |             |                            |                           |                   |
| 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                     | --                        | --                |
| DESTROYED          |                 |              |              |                   |                       |                       |             |             |             |             |                            |                           |                   |
| <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> | --                    | --                    | --          | --          | --          | --          | --                         | --                        | --                |
| 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                    | --                |

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

| WELL ID/<br>DATE   | TOC*<br>(ft.) | DTW<br>(ft.)        | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|--------------------|---------------|---------------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>MW-5 (cont)</b> |               |                     |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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          |               |                     |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| <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>1</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          | --                    | --                    | --          | --          | --          | --          | --                         | --                        | --                |
| DESTROYED          |               |                     |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| <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                       | --                        | --                |

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

| WELL ID/<br>DATE       | TOC*<br>(ft.) | DTW<br>(ft.) | GWE<br>(msl) | SPHT<br>(ft.) | TPH-<br>DRO<br>(µg/L) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE by<br>8021♦<br>(µg/L) | MTBE by<br>8260<br>(µg/L) | ETHANOL<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|---------------------------|-------------------|
| <b>QA (cont)</b>       |               |              |              |               |                       |                       |             |             |             |             |                            |                           |                   |
| 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                      | --                |
| 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                      | --                |

**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 Toxicchem 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<br>(mg/L) | Pre Purging<br>(mV) | Mid-Purging<br>(mg/L) | Mid-Purging<br>(mV) | Post Purging<br>(mg/L) | Post Purging<br>(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                  |
| 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                   | --                   |
|          | 06/19/01 | 3.80                  | --                  | --                    | --                  | 4.20                   | --                   |
|          | 09/05/01 | 6.70                  | --                  | --                    | --                  | 7.10                   | --                   |



**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 Purging<br>(mg/L) | Pre Purging<br>(mV) | Mid-Purging<br>(mg/L) | Mid-Purging<br>(mV) | Post Purging<br>(mg/L) | Post Purging<br>(mV) |
| MW-7    | 12/20/01        | 4.90                  | --                  | --                    | --                  | 5.00                   | --                   |
| (cont)  | 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                 | --                    | --                  | --                     | --                   |
|         | <b>06/22/09</b> | <b>1.9</b>            | <b>120</b>          | --                    | --                  | <b>1.7</b>             | <b>112</b>           |
| <br>    |                 |                       |                     |                       |                     |                        |                      |
| 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                   |
|         | 12/19/02        | 1.80                  | 126                 | --                    | --                  | 1.10                   | 98                   |
|         | 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                  |

**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<br>(mg/L)           | Pre Purging<br>(mV) | Mid-Purging<br>(mg/L) | Mid-Purging<br>(mV) | Post Purging<br>(mg/L) | Post Purging<br>(mV) |    |
| MW-9    | 12/22/03  | 1.30                            | 134                 | --                    | --                  | 1.20                   | 142                  |    |
| (cont)  | 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                   |    |
| 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.

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hills, California.



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6.22.09 (inclusive)  
 City: Oakland, CA Sampler: ET

Well ID: MW-1  
 Well Diameter: 2 in.  
 Total Depth: 29.96 ft.  
 Depth to Water: 22.06 ft.

Date Monitored: 6.22.09

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.90 xVF        =        x3 case volume = Estimated Purge Volume:        gal.

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: IONAB SAMPLER

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

Start Time (purge): \_\_\_\_\_ Weather Conditions: SUNNY  
 Sample Time/Date: 1222 16 22.09 Water Color: LT. BRN Odor: Y 1 (N)  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S SILTY  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

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

### LABORATORY INFORMATION

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

COMMENTS: BENT CASING @ 3' DOWN  
UNABLE TO PUMP WITH REGULAR BAILER.

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6-22-09 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-4  
 Well Diameter: 2 in.  
 Total Depth: 28.70 ft.  
 Depth to Water: 18.90 ft.  
9.80 xVF 17 = 1.64

Date Monitored: 6-22-09  
 Volume Factor (VF):  
 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38  
 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80

Check if water column is less than 0.50 ft.  
 x3 case volume = Estimated Purge Volume: 50 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.86

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

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

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

Start Time (purge): 1148 Weather Conditions: SUNNY  
 Sample Time/Date: 1209 6-22-09 Water Color: LT. BLU Odor: Y 10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S SILT  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 19.10

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (C/ F) | D.O. (mg/L) | ORP (mV)    |
|-----------------|---------------|-------------|------------------------------|--------------------|-------------|-------------|
| <u>1152</u>     | <u>1.5</u>    | <u>7.16</u> | <u>271</u>                   | <u>20.0</u>        | PRE: _____  | PRE: _____  |
| <u>1156</u>     | <u>3.0</u>    | <u>7.13</u> | <u>280</u>                   | <u>19.8</u>        | _____       | _____       |
| <u>1200</u>     | <u>5.0</u>    | <u>7.11</u> | <u>298</u>                   | <u>19.7</u>        | POST: _____ | POST: _____ |

### LABORATORY INFORMATION

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

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6-22-09 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID MW-5B

Date Monitored: 6-22-09

Well Diameter 2 in.

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

Total Depth 30.19 ft.

Depth to Water 20.92 ft.

Check if water column is less than 0.50 ft.

9.27 xVF .17 = 1.57 x3 case volume = Estimated Purge Volume: 5.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.77

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1115 Weather Conditions: SUNNY  
 Sample Time/Date: 1136 / 6-22-09 Water Color: LT. BUN Odor: PIN SLIGHT  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S. SILTY  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 21.15

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV)    |
|-----------------|---------------|-------------|------------------------------|---------------------|-------------|-------------|
| <u>1119</u>     | <u>15</u>     | <u>7.18</u> | <u>551</u>                   | <u>19.7</u>         | PRE: _____  | PRE: _____  |
| <u>1123</u>     | <u>3.0</u>    | <u>7.15</u> | <u>560</u>                   | <u>19.5</u>         | _____       | _____       |
| <u>1127</u>     | <u>50</u>     | <u>7.12</u> | <u>569</u>                   | <u>19.4</u>         | POST: _____ | POST: _____ |

### LABORATORY INFORMATION

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

COMMENTS: BOUND L 8" (2SF)

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6-22-09 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-6 Date Monitored: 6-22-09  
 Well Diameter: 2 in.  
 Total Depth: 27.89 ft.  
 Depth to Water: 21.40 ft.

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

Check if water column is less than 0.50 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.69  
 $6.49 \times VF .17 = 1.10$  x3 case volume = Estimated Purge Volume: 3.0 gal.

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

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

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

Start Time (purge): 1312 Weather Conditions: SLIGHT  
 Sample Time/Date: 1332 / 6-22-09 Water Color: LT. brown Odor: DN Struck  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S. Silty  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 22.51

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (C/F) | D.O. (mg/L)     | ORP (mV)         |
|-----------------|---------------|-------------|------------------------------|-------------------|-----------------|------------------|
| <u>1315</u>     | <u>10</u>     | <u>7.10</u> | <u>758</u>                   | <u>20.5</u>       | PRE: <u>70</u>  | PRE: <u>-95</u>  |
| <u>1318</u>     | <u>20</u>     | <u>7.07</u> | <u>762</u>                   | <u>20.3</u>       |                 |                  |
| <u>1322</u>     | <u>30</u>     | <u>7.05</u> | <u>771</u>                   | <u>20.1</u>       | POST: <u>60</u> | POST: <u>-84</u> |

### LABORATORY INFORMATION

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

COMMENTS: P2M 6.12" ISF

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6.22.09 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-7 Date Monitored: 6.22.09  
 Well Diameter: 2 in.  
 Total Depth: 33.34 ft.  
 Depth to Water: 19.70 ft.

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

Check if water column is less than 0.50 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.50  
 xVF .17 = 2.38 x3 case volume = Estimated Purge Volume: 7.0 gal.

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 0932 Weather Conditions: SUNNY  
 Sample Time/Date: 0954 6.22.09 Water Color: LT-BRN Odor: Y 10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S-Silty  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 20.05

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L)      | ORP (mV)         |
|-----------------|---------------|-------------|------------------------------|---------------------|------------------|------------------|
| <u>0937</u>     | <u>2.5</u>    | <u>7.30</u> | <u>374</u>                   | <u>19.2</u>         | <u>PRE: 1.9</u>  | <u>PRE: 120</u>  |
| <u>0942</u>     | <u>5.0</u>    | <u>7.27</u> | <u>383</u>                   | <u>19.0</u>         |                  |                  |
| <u>0946</u>     | <u>7.0</u>    | <u>7.25</u> | <u>392</u>                   | <u>18.9</u>         | <u>POST: 1.7</u> | <u>POST: 112</u> |

### LABORATORY INFORMATION

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

### COMMENTS:

\_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6-22-09 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-9 Date Monitored: 6-22-09  
 Well Diameter: 2 in.  
 Total Depth: 33.92 ft.  
 Depth to Water: 17.60 ft.  Check if water column is less than 0.50 ft.

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.86  
 $16.32 \times VF .17 = 2.77$  x3 case volume = Estimated Purge Volume: 8.0 gal.

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

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

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

Start Time (purge): 1038 Weather Conditions: SLYNY  
 Sample Time/Date: 1102 / 6-22-09 Water Color: LT. BRN Odor: Y / N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S-SILT  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 17.92

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L)      | ORP (mV)        |
|-----------------|---------------|-------------|------------------------------|---------------------|------------------|-----------------|
| <u>1043</u>     | <u>2.5</u>    | <u>7.24</u> | <u>439</u>                   | <u>19.8</u>         | <u>PRE: 2.1</u>  | <u>PRE: 98</u>  |
| <u>1048</u>     | <u>5.0</u>    | <u>7.21</u> | <u>445</u>                   | <u>19.5</u>         |                  |                 |
| <u>1054</u>     | <u>8.0</u>    | <u>7.19</u> | <u>452</u>                   | <u>19.3</u>         | <u>POST: 1.9</u> | <u>POST: 91</u> |

### LABORATORY INFORMATION

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

COMMENTS: (1 SE)

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6-22-09 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-10  
 Well Diameter: 2 in.  
 Total Depth: 33.7 ft.  
 Depth to Water: 17.45 ft.

Date Monitored: 6-22-09

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.59 x3 case volume = Estimated Purge Volume: 8.0 gal.

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

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

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

Start Time (purge): 1004 Weather Conditions: SUNNY  
 Sample Time/Date: 1028 / 6-22-09 Water Color: LT. GRAY Odor: DIRTY STENCH  
 Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 17.88

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (° / F) | D.O. (mg/L) | ORP (mV)    |
|-----------------|---------------|-------------|------------------------------|---------------------|-------------|-------------|
| <u>1009</u>     | <u>2.5</u>    | <u>7.12</u> | <u>532</u>                   | <u>19.5</u>         | PRE: _____  | PRE: _____  |
| <u>1014</u>     | <u>5.0</u>    | <u>7.11</u> | <u>541</u>                   | <u>19.2</u>         | _____       | _____       |
| <u>1020</u>     | <u>8.0</u>    | <u>7.09</u> | <u>550</u>                   | <u>19.0</u>         | POST: _____ | POST: _____ |

### LABORATORY INFORMATION

| SAMPLE ID    | (#) CONTAINER           | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES                                     |
|--------------|-------------------------|---------|---------------|------------|--|
| <u>MW-10</u> | <u>1</u> x voa vial     | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/ETHANOL (8260) |
|              | <u>2</u> x 500ml ambers | YES     | NP            | LANCASTER  | TPH-DRO (8015)                               |
|              |                         |         |               |            |  |
|              |                         |         |               |            |  |
|              |                         |         |               |            |  |
|              |                         |         |               |            |  |

COMMENTS: EM 12" (2SF)

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6-22-09 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: MW-11 Date Monitored: 6-22-09  
 Well Diameter: 2 in.  
 Total Depth: 39.23 ft.  
 Depth to Water: 25.84 ft.

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

Depth to Water 13.39 xVF .17 = 2.27  Check if water column is less than 0.50 ft.  
 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.51

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 0900 Weather Conditions: SUNNY  
 Sample Time/Date: 0922 / 6-22-09 Water Color: LT BRN Odor: Y 1 (N)  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S SILTY  
 Did well de-water? Ne If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 25.95

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (°/ F) | D.O. (mg/L) | ORP (mV)    |
|-----------------|---------------|-------------|------------------------------|--------------------|-------------|-------------|
| <u>0905</u>     | <u>2.5</u>    | <u>7.28</u> | <u>465</u>                   | <u>19.1</u>        | PRE: _____  | PRE: _____  |
| <u>0910</u>     | <u>5.0</u>    | <u>7.24</u> | <u>470</u>                   | <u>18.8</u>        | _____       | _____       |
| <u>0914</u>     | <u>7.0</u>    | <u>7.22</u> | <u>478</u>                   | <u>18.7</u>        | POST: _____ | POST: _____ |

### LABORATORY INFORMATION

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

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #211283 Job Number: 386956  
 Site Address: 3810 Broadway Event Date: 6-22-09 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: MW-12  
 Well Diameter: 2 in.  
 Total Depth: 29.48 ft.  
 Depth to Water: 18.83 ft.

Date Monitored: 6-22-09

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.96 x3 case volume = Estimated Purge Volume: 5.0 gal.

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1235 Weather Conditions: SLYNNY  
 Sample Time/Date: 1300 6-22-09 Water Color: CLEAN Odor: DN STRONG  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 18.95

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (umhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV)    |
|-----------------|---------------|-------------|------------------------------|---------------------|-------------|-------------|
| <u>1239</u>     | <u>1.5</u>    | <u>6.94</u> | <u>754</u>                   | <u>20.8</u>         | PRE: _____  | PRE: _____  |
| <u>1243</u>     | <u>3.0</u>    | <u>6.90</u> | <u>762</u>                   | <u>20.5</u>         | _____       | _____       |
| <u>1248</u>     | <u>5.0</u>    | <u>6.88</u> | <u>773</u>                   | <u>20.2</u>         | POST: _____ | POST: _____ |

### LABORATORY INFORMATION

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

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



062209-01

For Lancaster Laboratories use only  
 Apct. #: 10904 Sample # 5706488-97 Group #: 017337

Grp# 1150371

Facility #: SS#211283-OML G-R#386956 Global ID#T0600101108  
 Site Address: 3810 BROADWAY, OAKLAND, CA  
 Chevron PM: IR \_\_\_\_\_ Lead Consultant: GRACE  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone #925-551-7555 Fax #925-551-7899  
 Sampler: FRANK TENISON

| Matrix  | Analyses Requested         |   |  |   |   |   |   |                                     |  |  |   |
|---|----------------------------|---|--|---|---|---|---|-------------------------------------|--|--|---|
|   | Preservation Codes         |   |  |   |   |   |   |                                     |  |  |   |
| <input type="checkbox"/> Potable<br><input type="checkbox"/> NPDES<br><input type="checkbox"/> Soil<br><input type="checkbox"/> Water<br><input type="checkbox"/> Oil<br><input type="checkbox"/> Air | Total Number of Containers | <input checked="" type="checkbox"/> BTX + MTBE 8260 | <input checked="" type="checkbox"/> 8021 | <input type="checkbox"/> TPH 8015 MOD GRC | <input type="checkbox"/> Silica Gel Cleanup | <input type="checkbox"/> TPH 8015 MOD DRO | <input type="checkbox"/> 8260 full scan | <input type="checkbox"/> Oxygenates | <input type="checkbox"/> Total Lead Method | <input type="checkbox"/> Dissolved Lead Method | <input type="checkbox"/> ETHANOL (8260) |
|   |                            | <input type="checkbox"/>                            | <input type="checkbox"/>                 | <input type="checkbox"/>                  | <input type="checkbox"/>                    | <input type="checkbox"/>                  | <input type="checkbox"/>                | <input type="checkbox"/>            | <input type="checkbox"/>                   | <input type="checkbox"/>                       | <input type="checkbox"/>                |

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>    O = Other

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

| Sample Identification | Date Collected | Time Collected | Grab | Composite | Soil | Water | Oil | Air |
|-----------------------|----------------|----------------|------|-----------|------|-------|-----|-----|
| QA                    | 6-22-09        |                |      |           |      |       |     |     |
| MW-1                  |                | 1222           | X    |           |      |       |     |     |
| MW-4                  |                | 1209           | X    |           |      |       |     |     |
| MW-5B                 |                | 1136           | X    |           |      |       |     |     |
| MW-6                  |                | 1332           | X    |           |      |       |     |     |
| MW-7                  |                | 0954           | X    |           |      |       |     |     |
| MW-9                  |                | 1102           | X    |           |      |       |     |     |
| MW-10                 |                | 1028           | X    |           |      |       |     |     |
| MW-11                 |                | 0922           | X    |           |      |       |     |     |
| MW-12                 |                | 1300           | X    |           |      |       |     |     |

Comments / Remarks

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

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

|   |   |            |                                 |               |            |
|---|---|------------|---------------------------------|---------------|------------|
| Relinquished by: <i>[Signature]</i>                                   | Date: 6-22-09   | Time: 1500 | Received by: <i>[Signature]</i> | Date: 6/22/09 | Time: 1500 |
| Relinquished by: <i>[Signature]</i>                                   | Date: 6/22/09   | Time: 1410 | Received by: <i>[Signature]</i> | Date:         | Time:      |
| Relinquished by: _____  | Date:   | Time:      | Received by: _____              | Date:         | Time:      |
| Relinquished by Commercial Center:<br>UPS      FedEx      Other _____ | Received by: <i>[Signature]</i>   |            | Date: 6/22/09                   | Time: 0910    |            |
| Temperature Upon Receipt: 16-20 °C                                    | Custody Seats Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |            |                                 |               |            |

## ANALYTICAL RESULTS

Prepared for:

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

July 01, 2009

RECEIVED

JUL 02 2009

GETTLER-RYAN INC.  
GENERAL CONTRACTORSSAMPLE GROUP

The sample group for this submittal is 1150371. Samples arrived at the laboratory on Tuesday, June 23, 2009. The PO# for this group is 0015039978 and the release number is ROBB.

| <u>Client Description</u> | <u>Lancaster Labs Number</u> |
|---------------------------|------------------------------|
| QA-T-090622 NA Water      | 5706488                      |
| MW-1-W-090622 Grab Water  | 5706489                      |
| MW-4-W-090622 Grab Water  | 5706490                      |
| MW-5B-W-090622 Grab Water | 5706491                      |
| MW-6-W-090622 Grab Water  | 5706492                      |
| MW-7-W-090622 Grab Water  | 5706493                      |
| MW-9-W-090622 Grab Water  | 5706494                      |
| MW-10-W-090622 Grab Water | 5706495                      |
| MW-11-W-090622 Grab Water | 5706496                      |
| MW-12-W-090622 Grab Water | 5706497                      |

METHODOLOGY

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

ELECTRONIC COPY TO  
CRA c/o Gettler-Ryan

Attn: Cheryl Hansen





## ***Analysis Report***

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

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

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Robin C. Runkle".

**Robin C. Runkle**  
**Senior Specialist**

Lancaster Laboratories Sample No. WW 5706488

Group No. 1150371  
CA

QA-T-090622 NA Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 QA

Collected: 06/22/2009

Account Number: 10904

Submitted: 06/23/2009 09:10  
Reported: 07/01/2009 at 16:01  
Discard: 08/01/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BOQA-

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method<br>Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|---------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                           |                 |
| 06054               | Benzene                     | 71-43-2    | N.D.               | 0.5                                   | 1               |
| 06054               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                   | 1               |
| 06054               | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.5                                   | 1               |
| 06054               | Toluene                     | 108-88-3   | N.D.               | 0.5                                   | 1               |
| 06054               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                   | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                           |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                    | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst          | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|------------------|-----------------|
| 06054   | BTEX+MTBE by 8260B         | SW-846 8260B | 1      | F091814AA | 07/01/2009 01:06       | Kelly E Brickley | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | F091814AA | 07/01/2009 01:06       | Kelly E Brickley | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 09176A20A | 06/25/2009 12:53       | Marie D John     | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 09176A20A | 06/25/2009 12:53       | Marie D John     | 1               |



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-856-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 5706489

Group No. 1150371  
CA

MW-1-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-1

Collected: 06/22/2009 12:22 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10  
Reported: 07/01/2009 at 16:01  
Discard: 08/01/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BOMW1

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06067               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | 87                 | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 19:51       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 19:51       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 13:14       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 13:14       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 16:49       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-856-2300 Fax: 717-856-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 5706490

Group No. 1150371  
CA

MW-4-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-4

Collected: 06/22/2009 12:09 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10  
Reported: 07/01/2009 at 16:01  
Discard: 08/01/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BOMW4

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | ug/l               | ug/l                               |                 |
| 06067               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | ug/l               | ug/l                               |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | ug/l               | ug/l                               |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | N.D.               | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 20:16       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 20:16       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 14:18       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 14:18       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 19:16       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5706491

Group No. 1150371  
CA

MW-5B-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-5B

Collected: 06/22/2009 11:36 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10  
Reported: 07/01/2009 at 16:01  
Discard: 08/01/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BOM5B

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06067               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | 7                  | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | 220                | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | 97                 | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 20:40       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 20:40       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 14:40       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 14:40       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 17:10       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |

**Lancaster Laboratories Sample No. WW 5706492**
**Group No. 1150371  
CA**
**MW-6-W-090622 Grab Water**
**Facility# 211283 Job# 386956 GRD**
**3810 Broadway-Oakland T0600101108 MW-6**

Collected: 06/22/2009 13:32 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10

Chevron

Reported: 07/01/2009 at 16:01

6001 Bollinger Canyon Rd L4310

Discard: 08/01/2009

San Ramon CA 94583

BOMW6

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method<br>Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|---------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                           |                 |
| 06067               | Benzene                     | 71-43-2    | 370                | 5                                     | 10              |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                    | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | 330                | 5                                     | 10              |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | 4                  | 0.5                                   | 1               |
| 06067               | Toluene                     | 108-88-3   | 210                | 5                                     | 10              |
| 06067               | Xylene (Total)              | 1330-20-7  | 810                | 5                                     | 10              |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                           |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | 7,300              | 250                                   | 5               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | <b>ug/l</b>        | <b>ug/l</b>                           |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | 1,900              | 50                                    | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 21:05       | Michael A Ziegler  | 1               |
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 21:30       | Michael A Ziegler  | 10              |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 21:05       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 2      | D091793AA  | 06/28/2009 21:30       | Michael A Ziegler  | 10              |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 16:50       | Marie D John       | 5               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 16:50       | Marie D John       | 5               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 17:31       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |

**Lancaster Laboratories Sample No. WW 5706493**
**Group No. 1150371  
CA**
**MW-7-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-7**
**Collected: 06/22/2009 09:54 by FT**
**Account Number: 10904**
**Submitted: 06/23/2009 09:10  
Reported: 07/01/2009 at 16:01  
Discard: 08/01/2009**
**Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583**

BOMW7

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06067               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | N.D.               | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 21:55       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 21:55       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 15:01       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 15:01       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 17:52       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5706494

Group No. 1150371  
CA

MW-9-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-9

Collected: 06/22/2009 11:02 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10  
Reported: 07/01/2009 at 16:01  
Discard: 08/01/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BOMW9

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06067               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | 29                 | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | N.D.               | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 22:20       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 22:20       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 15:23       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 15:23       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 18:13       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |





# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-856-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 5706495

Group No. 1150371  
CA

MW-10-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-10

Collected: 06/22/2009 10:28 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10

Chevron

Reported: 07/01/2009 at 16:01

6001 Bollinger Canyon Rd L4310

Discard: 08/01/2009

San Ramon CA 94583

BOM10

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06067               | Benzene                     | 71-43-2    | 26                 | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | 46                 | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | 0.6                | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | 14                 | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | 79                 | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | 970                | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | 1,100              | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 22:44       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 22:44       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 15:45       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 15:45       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 19:37       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-856-2881 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 5706496

Group No. 1150371  
CA

MW-11-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-11

Collected: 06/22/2009 09:22 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10  
Reported: 07/01/2009 at 16:01  
Discard: 08/01/2009

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BOM11

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | ug/l               | ug/l                               |                 |
| 06067               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | ug/l               | ug/l                               |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | ug/l               | ug/l                               |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | N.D.               | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 23:09       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 23:09       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 16:06       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 16:06       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 18:34       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5706497

Group No. 1150371  
CA

MW-12-W-090622 Grab Water  
Facility# 211283 Job# 386956 GRD  
3810 Broadway-Oakland T0600101108 MW-12

Collected: 06/22/2009 13:00 by FT

Account Number: 10904

Submitted: 06/23/2009 09:10

Chevron

Reported: 07/01/2009 at 16:01

6001 Bollinger Canyon Rd L4310

Discard: 08/01/2009

San Ramon CA 94583

BOM12

| CAT No.             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>SW-846 8260B</b> | <b>GC/MS Volatiles</b>      |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06067               | Benzene                     | 71-43-2    | 100                | 0.5                                | 1               |
| 06067               | Ethanol                     | 64-17-5    | N.D.               | 50                                 | 1               |
| 06067               | Ethylbenzene                | 100-41-4   | 35                 | 0.5                                | 1               |
| 06067               | Methyl Tertiary Butyl Ether | 1634-04-4  | 1                  | 0.5                                | 1               |
| 06067               | Toluene                     | 108-88-3   | 19                 | 0.5                                | 1               |
| 06067               | Xylene (Total)              | 1330-20-7  | 43                 | 0.5                                | 1               |
| <b>SW-846 8015B</b> | <b>GC Volatiles</b>         |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 01728               | TPH-GRO N. CA water C6-C12  | n.a.       | 1,100              | 50                                 | 1               |
| <b>SW-846 8015B</b> | <b>GC Extractable TPH</b>   |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 06609               | TPH-DRO CA C10-C28          | n.a.       | 500                | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2116

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst            | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|--------------------|-----------------|
| 06067   | BTEX, MTBE, ETOH               | SW-846 8260B | 1      | D091793AA  | 06/28/2009 23:34       | Michael A Ziegler  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D091793AA  | 06/28/2009 23:34       | Michael A Ziegler  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 09176A20A  | 06/25/2009 16:28       | Marie D John       | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 09176A20A  | 06/25/2009 16:28       | Marie D John       | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 091750000A | 06/25/2009 18:55       | Lisa A Reinert     | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 091750000A | 06/24/2009 18:15       | Elaine F Stoltzfus | 1               |

## Quality Control Summary

 Client Name: Chevron  
 Reported: 07/01/09 at 04:01 PM

Group Number: 1150371

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

### Laboratory Compliance Quality Control

| <u>Analysis Name</u>        | <u>Blank Result</u>               | <u>Blank MDL</u> | <u>Report Units</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>LCS/LCSD Limits</u> | <u>RPD</u> | <u>RPD Max</u> |
|-----------------------------|-----------------------------------|------------------|---------------------|-----------------|------------------|------------------------|------------|----------------|
| Batch number: D091793AA     | Sample number(s): 5706489-5706497 |                  |                     |                 |                  |                        |            |                |
| Benzene                     | N.D.                              | 0.5              | ug/l                | 84              |                  | 80-116                 |            |                |
| Ethanol                     | N.D.                              | 50.              | ug/l                | 84              |                  | 40-158                 |            |                |
| Ethylbenzene                | N.D.                              | 0.5              | ug/l                | 84              |                  | 80-113                 |            |                |
| Methyl Tertiary Butyl Ether | N.D.                              | 0.5              | ug/l                | 85              |                  | 78-117                 |            |                |
| Toluene                     | N.D.                              | 0.5              | ug/l                | 83              |                  | 80-115                 |            |                |
| Xylene (Total)              | N.D.                              | 0.5              | ug/l                | 84              |                  | 81-114                 |            |                |
| Batch number: F091814AA     | Sample number(s): 5706488         |                  |                     |                 |                  |                        |            |                |
| Benzene                     | N.D.                              | 0.5              | ug/l                | 103             | 105              | 80-116                 | 2          | 30             |
| Ethylbenzene                | N.D.                              | 0.5              | ug/l                | 94              | 95               | 80-113                 | 2          | 30             |
| Methyl Tertiary Butyl Ether | N.D.                              | 0.5              | ug/l                | 100             | 101              | 78-117                 | 0          | 30             |
| Toluene                     | N.D.                              | 0.5              | ug/l                | 95              | 95               | 80-115                 | 0          | 30             |
| Xylene (Total)              | N.D.                              | 0.5              | ug/l                | 94              | 95               | 81-114                 | 2          | 30             |
| Batch number: 09176A20A     | Sample number(s): 5706488-5706497 |                  |                     |                 |                  |                        |            |                |
| TPH-GRO N. CA water C6-C12  | N.D.                              | 50.              | ug/l                | 118             | 127              | 75-135                 | 7          | 30             |
| Batch number: 091750000A    | Sample number(s): 5706489-5706497 |                  |                     |                 |                  |                        |            |                |
| TPH-DRO CA C10-C28          | N.D.                              | 32.              | ug/l                | 79              | 78               | 56-122                 | 2          | 20             |

### Sample Matrix Quality Control

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

| <u>Analysis Name</u>        | <u>MS %REC</u>                                   | <u>MSD %REC</u> | <u>MS/MSD Limits</u> | <u>RPD</u> | <u>RPD MAX</u> | <u>BKG Conc</u> | <u>DUP Conc</u> | <u>DUP RPD</u> | <u>Dup RPD Max</u> |
|-----------------------------|--|-----------------|----------------------|------------|----------------|-----------------|-----------------|----------------|--------------------|
| Batch number: D091793AA     | Sample number(s): 5706489-5706497 UNSPK: P705323 |                 |                      |            |                |                 |                 |                |                    |
| Benzene                     | 116  | 84              | 80-126               | 16         | 30             |                 |                 |                |                    |
| Ethanol                     | 87   | 107             | 37-164               | 20         | 30             |                 |                 |                |                    |
| Ethylbenzene                | 99   | 85              | 77-125               | 12         | 30             |                 |                 |                |                    |
| Methyl Tertiary Butyl Ether | 94   | 94              | 72-126               | 0          | 30             |                 |                 |                |                    |
| Toluene                     | 95   | 85              | 80-125               | 11         | 30             |                 |                 |                |                    |
| Xylene (Total)              | 98   | 85              | 79-125               | 12         | 30             |                 |                 |                |                    |
| Batch number: F091814AA     | Sample number(s): 5706488 UNSPK: P704876         |                 |                      |            |                |                 |                 |                |                    |
| Benzene                     | 107  |                 | 80-126               |            |                |                 |                 |                |                    |
| Ethylbenzene                | 97   |                 | 77-125               |            |                |                 |                 |                |                    |
| Methyl Tertiary Butyl Ether | 102  |                 | 72-126               |            |                |                 |                 |                |                    |
| Toluene                     | 98   |                 | 80-125               |            |                |                 |                 |                |                    |
| Xylene (Total)              | 96   |                 | 79-125               |            |                |                 |                 |                |                    |

\*- Outside of specification

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

## Quality Control Summary

 Client Name: Chevron  
 Reported: 07/01/09 at 04:01 PM

Group Number: 1150371

### Sample Matrix Quality Control

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

| Analysis Name              | MS<br>%REC                                       | MSD<br>%REC | MS/MSD<br>Limits | RPD | RPD<br>MAX | BKG<br>Conc | DUP<br>Conc | DUP<br>RPD | Dup RPD<br>Max |
|----------------------------|--|-------------|------------------|-----|------------|-------------|-------------|------------|----------------|
| Batch number: 09176A20A    | Sample number(s): 5706488-5706497 UNSPK: 5706489 |             |                  |     |            |             |             |            |                |
| TPH-GRO N. CA water C6-C12 | 100  |             | 63-154           |     |            |             |             |            |                |

### Surrogate Quality Control

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

 Analysis Name: BTEX, MTBE, ETOH  
 Batch number: D091793AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 5706489 | 100                  | 98                    | 96         | 95                   |
| 5706490 | 101                  | 101                   | 96         | 95                   |
| 5706491 | 101                  | 98                    | 97         | 96                   |
| 5706492 | 100                  | 99                    | 97         | 107                  |
| 5706493 | 101                  | 100                   | 95         | 95                   |
| 5706494 | 101                  | 100                   | 95         | 96                   |
| 5706495 | 101                  | 98                    | 96         | 99                   |
| 5706496 | 102                  | 99                    | 96         | 95                   |
| 5706497 | 101                  | 97                    | 96         | 99                   |
| Blank   | 100                  | 100                   | 97         | 95                   |
| LCS     | 102                  | 101                   | 97         | 100                  |
| MS      | 101                  | 101                   | 97         | 100                  |
| MSD     | 101                  | 98                    | 97         | 99                   |
| Limits: | 80-116               | 77-113                | 80-113     | 78-113               |

 Analysis Name: BTEX+MTBE by 8260B  
 Batch number: F091814AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 5706488 | 93                   | 89                    | 86         | 97                   |
| Blank   | 96                   | 91                    | 90         | 99                   |
| LCS     | 96                   | 92                    | 89         | 99                   |
| LCS D   | 96                   | 92                    | 89         | 100                  |
| MS      | 94                   | 94                    | 89         | 100                  |
| Limits: | 80-116               | 77-113                | 80-113     | 78-113               |

 Analysis Name: TPH-GRO N. CA water C6-C12  
 Batch number: 09176A20A

|         | Trifluorotoluene-F |
|---------|--------------------|
| 5706488 | 87                 |
| 5706489 | 87                 |
| 5706490 | 88                 |
| 5706491 | 98                 |
| 5706492 | 102                |
| 5706493 | 87                 |

\*- Outside of specification

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

## Quality Control Summary

Client Name: Chevron  
Reported: 07/01/09 at 04:01 PM

Group Number: 1150371

### Surrogate Quality Control

|         |     |
|---------|-----|
| 5706494 | 88  |
| 5706495 | 110 |
| 5706496 | 87  |
| 5706497 | 98  |
| Blank   | 87  |
| LCS     | 124 |
| LCSD    | 122 |
| MS      | 121 |

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Limits: 63-135

Analysis Name: TPH-DRO CA C10-C28  
Batch number: 091750000A  
Orthoterphenyl

---

|         |     |
|---------|-----|
| 5706489 | 79  |
| 5706490 | 75  |
| 5706491 | 95  |
| 5706492 | 81  |
| 5706493 | 73  |
| 5706494 | 75  |
| 5706495 | 90  |
| 5706496 | 80  |
| 5706497 | 104 |
| Blank   | 80  |
| LCS     | 113 |
| LCSD    | 113 |

---

Limits: 59-131

\*- Outside of specification

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

## Lancaster Laboratories Explanation of Symbols and Abbreviations

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

|                         |  |                        |  |
|-------------------------|--|------------------------|--|
| <b>N.D.</b>             | none detected  | <b>BMQL</b>            | Below Minimum Quantitation Level               |
| <b>TNTC</b>             | Too Numerous To Count  | <b>MPN</b>             | Most Probable Number                           |
| <b>IU</b>               | International Units  | <b>CP Units</b>        | cobalt-chloroplatinate units                   |
| <b>umhos/cm</b>         | micromhos/cm   | <b>NTU</b>             | nephelometric turbidity units                  |
| <b>C</b>                | degrees Celsius  | <b>F</b>               | degrees Fahrenheit                             |
| <b>Cal</b>              | (diet) calories  | <b>lb.</b>             | pound(s)                                       |
| <b>meq</b>              | milliequivalents   | <b>kg</b>              | kilogram(s)                                    |
| <b>g</b>                | gram(s)  | <b>mg</b>              | milligram(s)                                   |
| <b>ug</b>               | microgram(s)   | <b>l</b>               | liter(s)                                       |
| <b>ml</b>               | milliliter(s)  | <b>ul</b>              | microliter(s)                                  |
| <b>m3</b>               | cubic meter(s)   | <b>fib &gt;5 um/ml</b> | fibers greater than 5 microns in length per ml |
| <b>&lt;</b>             | less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.  |                        |  |
| <b>&gt;</b>             | greater than   |                        |  |
| <b>ppm</b>              | parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas. |                        |  |
| <b>ppb</b>              | parts per billion  |                        |  |
| <b>Dry weight basis</b> | Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.   |                        |  |

U.S. EPA data qualifiers:

### Organic Qualifiers

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

### Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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