



Olivia Skance  
Team Lead  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 790-6521

November 10, 2011

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

**RECEIVED**

*10:31 am, Nov 17, 2011*

Alameda County  
Environmental Health

Re: Chevron Facility # 9-2506

Address: 2630 Broadway, Oakland, California

I have reviewed the attached report titled *Second Semi-Annual 2011 Groundwater Monitoring Report* and dated November 10, 2011.

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 Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

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

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

Sincerely,

Olivia Skance  
Project Manager

Enclosure: Report



**CONESTOGA-ROVERS  
& ASSOCIATES**

10969 Trade Center Drive  
Rancho Cordova, California 95670  
Telephone: (916) 889-8900 Fax: (916) 889-8999  
<http://www.craworld.com>

November 10, 2011

Reference No. 611962

Mr. Mark Detterman, P.G., C.E.G.  
Alameda County Environmental Health (ACEH)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Re: Second Semi-Annual 2011 Groundwater Monitoring Report  
Former Chevron Service Station 9-2506  
2630 Broadway  
Oakland, California  
Case No. RO0000146

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Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to ACEH on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated October 3, 2011) presents the results of the second semi-annual 2011 monitoring event. Wells B-1, B-3, and B-5 through B-9 are sampled semi-annually during the first and third quarters, and wells B-10 through B-12 are sampled annually during the first quarter. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the second semi-annual 2011 analytical results along with a rose diagram. The monitoring results during 2011 are summarized below. Please note that B-6 was not sampled during the current event due to insufficient water.

During 2011, petroleum hydrocarbon concentrations in the site wells were similar to or less than those observed during 2010. Low concentrations of total petroleum hydrocarbons as gasoline (TPHg) (up to 430 micrograms per liter [ $\mu\text{g}/\text{L}$ ]) were detected in B-3, B-5 (third quarter event only), and B-7 (first quarter event only); the detected concentrations were within the range of historical fluctuations. The TPHg concentrations in B-3 and B-5 have remained relatively stable over the past several years, but have significantly decreased since the start of monitoring; those in B-7 have remained relatively stable and low. Higher concentrations of TPHg (up to 3,600  $\mu\text{g}/\text{L}$ ) were detected in B-9; the TPHg concentrations in B-9 have also remained relatively stable over the past several years. No TPHg was detected in B-1, B-6, B-8, B-10, or B-11. Only a low concentration of TPHg (63  $\mu\text{g}/\text{L}$ ) was detected in B-12. TPHg has not been detected in B-1 during the last several events, generally has not been detected in B-8, B-10, or B-11 throughout the course of monitoring, and is only periodically detected in B-12.

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Equal  
Employment Opportunity  
Employer

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November 10, 2011

Reference No. 611962

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Benzene was only detected in B-9 (95 µg/L and 6 µg/L); although fluctuations occur, the concentrations are decreasing overall. Low concentrations of toluene, ethylbenzene, and xylenes (up to 11 µg/L) were detected in B-3 and B-9. The benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations have significantly decreased. Low concentrations of methyl tertiary butyl ether (MTBE) (up to 33 µg/L) were detected in B-1, B-3, B-5, and B-6 through B-9. The MTBE concentrations generally continue to decrease and have significantly decreased since the start of monitoring; those in B-9 have remained relatively stable over the past several years. MTBE generally has not been detected in B-10 through B-12 throughout the course of monitoring. Tertiary butyl alcohol (TBA) (up to 590 µg/L) was detected in B-1, B-3, B-5, and B-9; the TBA concentrations are generally decreasing. Other fuel oxygenates, 1,2-Dichloroethane (1,2-DCA), and 1,2-Dibromoethane (EDB) generally were not detected with the exception of low concentrations (up to 13 µg/L) of ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and EDB in a few of the wells.

Based on the analytical results, hydrocarbons remain in groundwater in the area of the former underground storage tanks (USTs) and dispensers; however, the residual concentrations are low and have significantly decreased since the start of monitoring. Higher TPHg concentrations continue to be detected in B-9 in the southwest portion of the site; the concentrations have remained relatively stable over the past several years. Only low BTEX and MTBE concentrations remain in B-9. Petroleum hydrocarbons generally have not been detected in offsite wells B-10 and B-11 throughout the course of monitoring. TPHg is periodically detected in offsite well B-12, but only at low concentrations. Only low concentrations of MTBE remain in B-8. Based on the monitoring results and the results of previous borings, the plume appears to be stable and the extent adequately defined. Concentrations are stable to decreasing. Based on the TBA detections, natural biodegradation of MTBE appears to be occurring.

CRA recommends continued monitoring and sampling to further evaluate groundwater quality and concentration trends, and the site's potential for low-risk case closure.



**CONESTOGA-ROVERS  
& ASSOCIATES**

November 10, 2011

Reference No. 611962

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Please contact James Kiernan at (916) 889-8917 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES



James P. Kiernan, P.E.

JK/aa/10

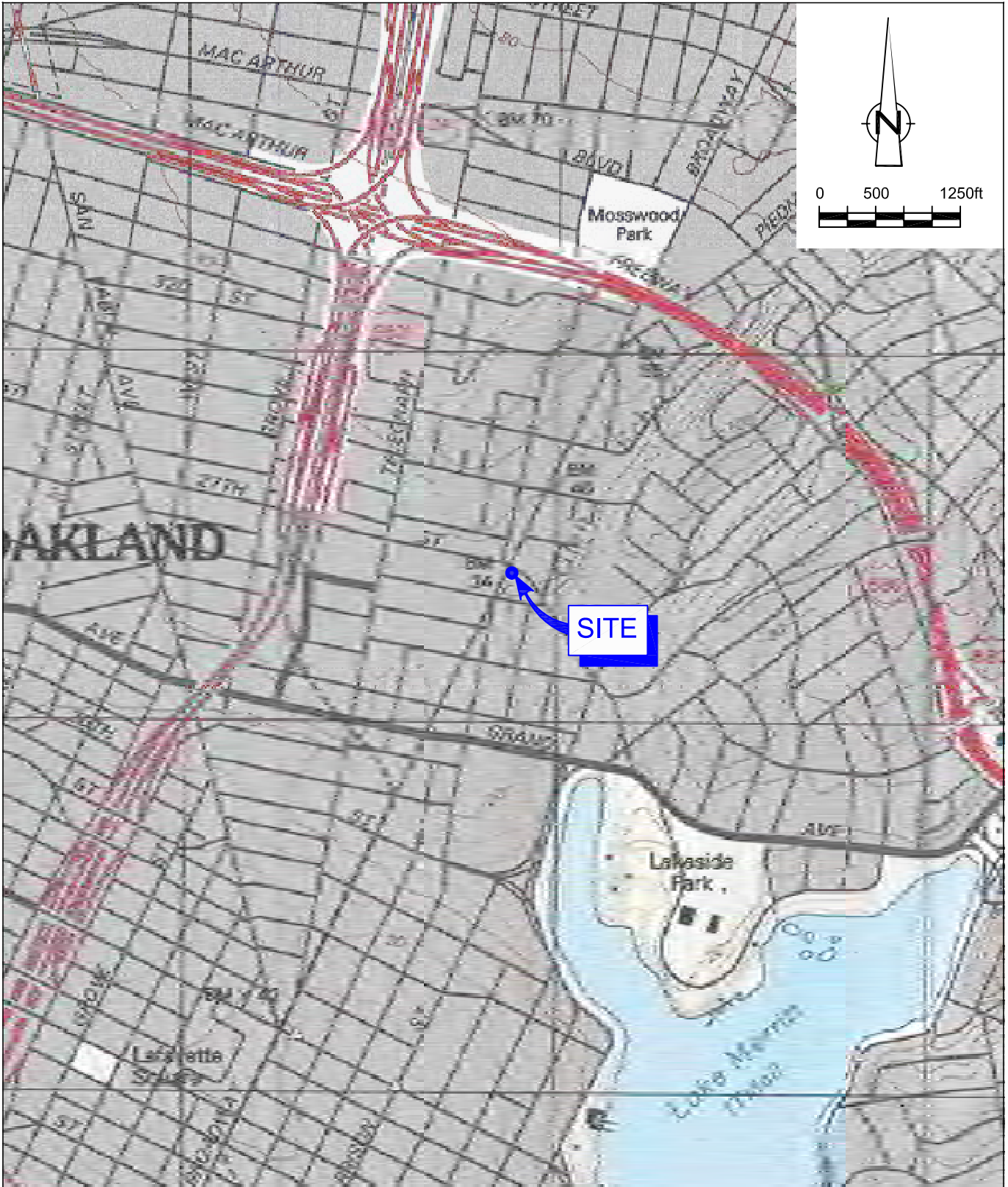
Encl.

Figure 1      Vicinity Map  
Figure 2      Concentration Map

Attachment A      Groundwater Monitoring and Sampling Report

cc:      Ms. Olivia Skance, Chevron (*electronic copy*)  
         Mr. Steve Simi, Steve & Cecilia Simi, Trustees of TDK Trust

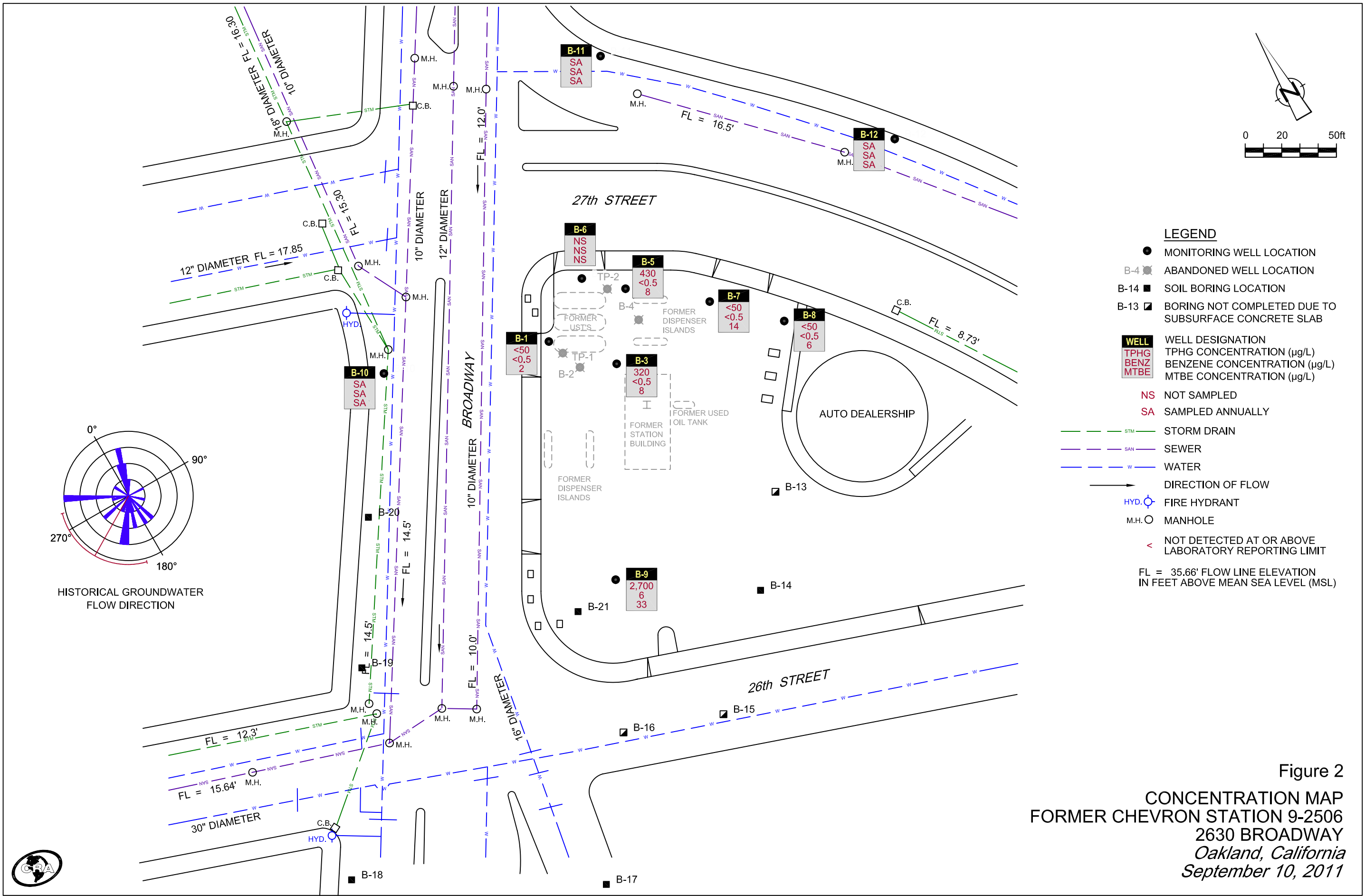
## FIGURES



SOURCE: TOPO! MAPS.

Figure 1  
 VICINITY MAP  
 FORMER CHEVRON STATION 9-2506  
 2630 BROADWAY  
 Oakland, California





ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT





# GETTLER-RYAN INC.



October 3, 2011  
G-R Job #385203

Ms. Olivia Skance  
Chevron Environmental Management Company  
6101 Bollinger Canyon Road  
San Ramon, CA 94583

**RE: Second Semi-Annual Event of September 10, 2011**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

Dear Ms. Skance:

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

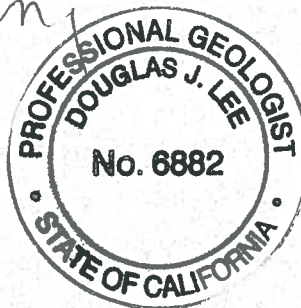
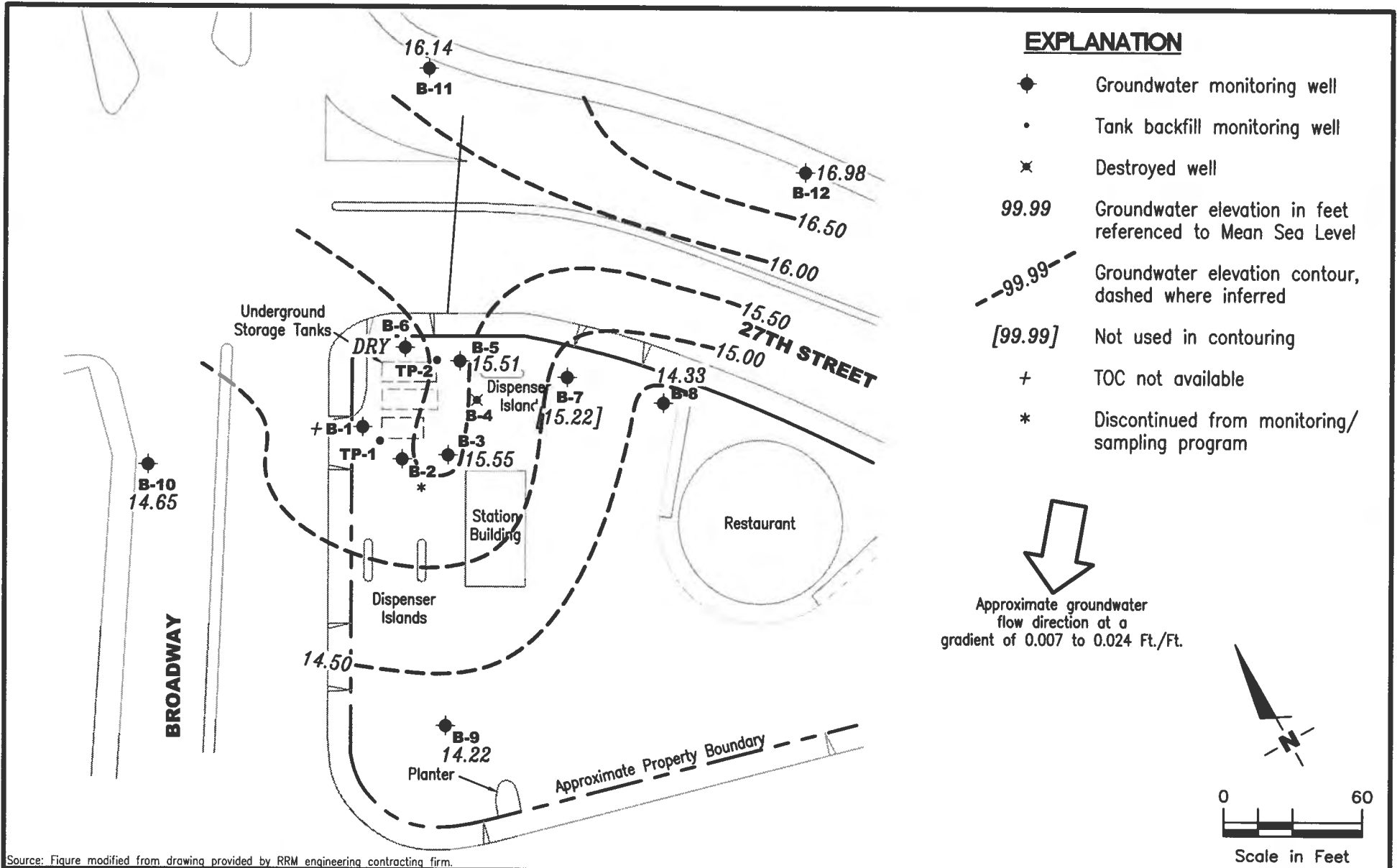


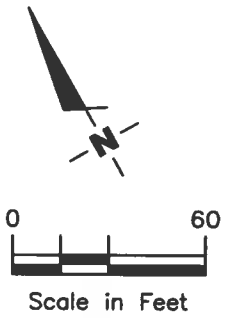
Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



**EXPLANATION**

- ◆ Groundwater monitoring well
- Tank backfill monitoring well
- ✕ Destroyed well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- [99.99] Not used in contouring
- + TOC not available
- \* Discontinued from monitoring/sampling program

Approximate groundwater flow direction at a gradient of 0.007 to 0.024 Ft./Ft.



Source: Figure modified from drawing provided by RRM engineering contracting firm.

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

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-2506  
 2630 Broadway  
 Oakland, California

FIGURE  
**1**

|                                 |             |                            |              |
|---------------------------------|-------------|----------------------------|--------------|
| PROJECT NUMBER<br><b>385203</b> | REVIEWED BY | DATE<br>September 10, 2011 | REVISED DATE |
|---------------------------------|-------------|----------------------------|--------------|

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE          | TOC*<br>(ft.)    | GWE<br>(msl)     | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)             |
|---------------------------|------------------|------------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------------|
| <b>B-1</b>                |                  |                  |              |               |                             |                       |             |             |             |             |                            |
| 03/18/82                  | 23.00            | 15.19            | 7.81         | --            | --                          | --                    | --          | --          | --          | --          | --                         |
| 03/25/82                  | 23.00            | 14.33            | 8.67         | --            | --                          | --                    | --          | --          | --          | --          | --                         |
| 05/21/82                  | 23.00            | 13.70            | 9.30         | --            | --                          | --                    | --          | --          | --          | --          | --                         |
| 05/26/82                  | 23.00            | 12.82            | 10.18        | --            | --                          | --                    | --          | --          | --          | --          | --                         |
| 06/24/82                  | 23.00            | 13.08            | 9.92         | --            | --                          | --                    | --          | --          | --          | --          | --                         |
| 09/09/93                  | 23.00            | 13.10            | 9.90         | --            | --                          | 8,800 <sup>1</sup>    | 240         | 280         | <2.5        | <7.5        | --                         |
| 12/02/93                  | 23.00            | 13.90            | 9.10         | --            | --                          | 1,100                 | 100         | 7.9         | 3.4         | 3.9         | --                         |
| 03/17/94                  | 23.00            | 13.59            | 9.41         | --            | --                          | 1,600                 | 370         | 13          | 13          | 26          | --                         |
| 06/10/94                  | 23.00            | 13.11            | 9.89         | --            | --                          | 1,400                 | 270         | 24          | 18          | 78          | --                         |
| 09/15/94                  | 23.00            | 11.76            | 11.24        | --            | --                          | 4,100                 | 740         | <5.0        | 270         | 300         | --                         |
| 12/28/94                  | 25.67            | 16.42            | 9.25         | --            | --                          | 1,200                 | 200         | 32          | 37          | 79          | --                         |
| 03/29/95                  | 25.67            | 17.35            | 8.32         | --            | --                          | 13,000                | 540         | 54          | 77          | 120         | --                         |
| 06/05/95                  | 25.67            | 15.95            | 9.72         | --            | --                          | 3,000                 | 610         | <25         | <25         | <25         | --                         |
| 09/21/95                  | 25.67            | 14.75            | 10.92        | --            | --                          | 630 <sup>1</sup>      | 5.4         | <0.5        | 1.3         | 6.1         | --                         |
| 12/22/95                  | 25.67            | 15.53            | 10.14        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 40,000                     |
| 03/22/96                  | 25.67            | 16.84            | 8.83         | --            | --                          | <1,200 <sup>1</sup>   | 150         | <12         | <12         | <12         | 32,000                     |
| 09/25/96                  | 25.67            | 14.87            | 10.80        | --            | --                          | 28,000 <sup>1</sup>   | 19          | <12         | <12         | <12         | 38,000                     |
| 03/06/97                  | 25.67            | 16.52            | 9.15         | --            | --                          | <5,000                | 52          | <50         | <50         | <50         | 18,000                     |
| 09/12/97                  | 25.67            | 14.95            | 10.72        | --            | --                          | 89                    | <0.5        | 0.54        | <0.5        | 1.3         | 9,200                      |
| 04/02/98                  | 25.67            | 16.41            | 9.26         | --            | --                          | <5,000                | 110         | <50         | <50         | <50         | 25,000                     |
| 09/15/98                  | 25.67            | 15.15            | 10.52        | --            | --                          | <5,000                | 270         | <50         | <50         | <60         | 51,000                     |
| 03/09/99                  | 25.69            | 17.44            | 8.25         | --            | --                          | 418                   | 27.2        | <0.5        | 2.12        | 2.23        | 20,000/27,000 <sup>4</sup> |
| 07/29/99 <sup>5</sup>     | 25.69            | 15.24            | 10.45        | --            | --                          | --                    | --          | --          | --          | --          | --                         |
| 09/15/99                  | 25.69            | 12.49            | 13.20        | --            | --                          | <2,000                | <20         | <20         | <20         | <20         | 37,000                     |
| 03/01/00                  | 25.69            | 14.24            | 11.45        | --            | --                          | 308                   | <0.5        | <0.5        | <0.5        | <0.5        | 23,000                     |
| 08/31/00 <sup>7</sup>     | 25.69            | 13.31            | 12.38        | 0.00          | 0.00                        | <500                  | <5.00       | <5.00       | <5.00       | <5.00       | 20,600                     |
| 03/09/01 <sup>7</sup>     | 25.69            | 16.93            | 8.76         | 0.00          | 0.00                        | <1,000                | <10.0       | <10.0       | <10.0       | <10.0       | 15,600                     |
| 09/21/01 <sup>7</sup>     | 25.69            | 13.84            | 11.85        | 0.00          | 0.00                        | 350                   | 0.89        | <0.50       | <0.50       | <1.5        | 9,500/9,400 <sup>12</sup>  |
| 08/21/02 <sup>7</sup>     | 25.69            | 13.79            | 11.90        | 0.00          | 0.00                        | 200                   | <0.50       | <0.50       | <0.50       | <1.5        | 6,500/6,500 <sup>12</sup>  |
| 03/11/03 <sup>7</sup>     | 25.69            | 14.16            | 11.53        | 0.00          | 0.00                        | 310                   | 0.76        | <0.50       | <0.50       | <1.5        | 7,000/7,400 <sup>12</sup>  |
| 09/05/03 <sup>7,13</sup>  | 25.69            | 13.34            | 12.35        | 0.00          | 0.00                        | 260                   | <5          | <5          | <5          | <5          | 4,600                      |
| 03/12/04 <sup>13,15</sup> | -- <sup>14</sup> | -- <sup>14</sup> | 10.59        | 0.00          | 0.00                        | 210                   | <1          | <1          | <1          | <1          | 3,900                      |
| 08/30/04 <sup>13</sup>    | -- <sup>14</sup> | -- <sup>14</sup> | 11.20        | 0.00          | 0.00                        | 440                   | <5          | <5          | <5          | <5          | 4,500                      |
| 03/04/05 <sup>13</sup>    | -- <sup>14</sup> | -- <sup>14</sup> | 9.31         | 0.00          | 0.00                        | 200                   | 10          | <0.5        | <0.5        | <0.5        | 450                        |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.)                          | GWE<br>(msl)     | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L)    | T<br>(µg/L)    | E<br>(µg/L)    | X<br>(µg/L)    | MTBE<br>(µg/L) |
|------------------------|--|------------------|--------------|---------------|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|
| <b>B-1 (cont)</b>      |  |                  |              |               |                             |                       |                |                |                |                |                |
| 09/01/05 <sup>13</sup> | -- <sup>14</sup>                       | -- <sup>14</sup> | 10.67        | 0.00          | 0.00                        | 360                   | <0.5           | <0.5           | <0.5           | <0.5           | 260            |
| 03/20/06 <sup>13</sup> | -- <sup>14</sup>                       | -- <sup>14</sup> | 9.32         | 0.00          | 0.00                        | 320                   | 10             | <0.5           | <0.5           | <0.5           | 27             |
| 09/13/06 <sup>13</sup> | -- <sup>14</sup>                       | -- <sup>14</sup> | 18.87        | 0.00          | 0.00                        | 240                   | <0.5           | <0.5           | <0.5           | <0.5           | 2              |
| 02/26/07               | INACCESSIBLE- VEHICLE PARKED OVER WELL |                  |              |               |                             | --                    | --             | --             | --             | --             | --             |
| 09/07/07 <sup>13</sup> | NP                                     | -- <sup>14</sup> | 10.95        | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 1              |
| 03/11/08 <sup>13</sup> |  | -- <sup>14</sup> | 10.14        | 0.00          | 0.00                        | 69                    | 4              | <0.5           | <0.5           | <0.5           | 10             |
| 09/12/08 <sup>13</sup> | NP                                     | -- <sup>14</sup> | 11.45        | 0.00          | 0.00                        | 83                    | <0.5           | 0.8            | <0.5           | 1              | 0.8            |
| 03/31/09 <sup>13</sup> | NP                                     | -- <sup>14</sup> | 10.40        | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 7              |
| 09/24/09 <sup>13</sup> |  | -- <sup>14</sup> | 11.20        | 0.00          | 0.00                        | 54                    | <0.5           | <0.5           | <0.5           | <0.5           | 2              |
| 03/17/10 <sup>13</sup> |  | -- <sup>14</sup> | 9.56         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 2              |
| 09/27/10 <sup>13</sup> |  | -- <sup>14</sup> | 11.38        | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 1              |
| 03/28/11 <sup>13</sup> |  | -- <sup>14</sup> | 9.08         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 4              |
| 09/10/11 <sup>13</sup> |  | -- <sup>14</sup> | <b>8.86</b>  | <b>0.00</b>   | <b>0.00</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>2</b>       |
| <b>B-3</b>             |  |                  |              |               |                             |                       |                |                |                |                |                |
| 03/18/82               | 21.78                                  | 16.13            | 5.65         | --            | --                          | --                    | --             | --             | --             | --             | --             |
| 03/25/82               | 21.78                                  | 16.03            | 5.75         | --            | --                          | --                    | --             | --             | --             | --             | --             |
| 05/21/82               | 21.78                                  | 16.20            | 5.58         | --            | --                          | --                    | --             | --             | --             | --             | --             |
| 05/26/82               | 21.78                                  | 13.79            | 7.99         | --            | --                          | --                    | --             | --             | --             | --             | --             |
| 06/24/82               | 21.78                                  | 14.10            | 7.68         | --            | --                          | --                    | --             | --             | --             | --             | --             |
| 09/09/93               | 21.78                                  | 15.79            | 5.99         | --            | --                          | 7,800                 | 500            | 760            | 180            | 720            | --             |
| 12/02/93               | 21.78                                  | 16.08            | 5.70         | --            | --                          | 9,800                 | 790            | 870            | 380            | 1,500          | --             |
| 03/17/94               | 21.78                                  | 15.28            | 6.50         | --            | --                          | 2,400                 | 88             | 55             | 74             | 270            | --             |
| 06/10/94               | 21.78                                  | 14.55            | 7.23         | --            | --                          | 2,300                 | 110            | 95             | 84             | 240            | --             |
| 09/15/94               | 21.78                                  | 12.62            | 9.16         | --            | --                          | 5,000                 | 670            | 9.3            | 340            | 410            | --             |
| 12/28/94               | 24.35                                  | 17.91            | 6.44         | --            | --                          | 4,100                 | 650            | 34             | 320            | 440            | --             |
| 03/29/95               | 24.35                                  | 18.88            | 5.47         | --            | --                          | 3,300                 | 170            | 2.2            | 51             | 8.9            | --             |
| 06/05/95               | 24.35                                  | 17.30            | 7.05         | --            | --                          | 2,500                 | 850            | 31             | 170            | 85             | --             |
| 09/21/95               | 24.35                                  | 15.43            | 8.92         | --            | --                          | 2,900 <sup>1</sup>    | 1,300          | 280            | 140            | 100            | --             |
| 12/22/95               | 24.35                                  | 15.82            | 8.53         | --            | --                          | 5,400 <sup>1</sup>    | 340            | 37             | 150            | 460            | 8,600          |
| 03/22/96               | 24.35                                  | 18.37            | 5.98         | --            | --                          | 2,200                 | 79             | 50             | 58             | 200            | 1,600          |
| 09/25/96               | 24.35                                  | 15.33            | 9.02         | --            | --                          | 11,000                | 530            | 97             | 74             | 400            | 7,200          |
| 03/06/97               | 24.35                                  | 17.64            | 6.71         | --            | --                          | <500                  | 20             | <5.0           | <5.0           | <5.0           | 420            |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE             | TOC*<br>(ft.) | GWE<br>(msl)                  | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L)                   | B<br>(µg/L)    | T<br>(µg/L) | E<br>(µg/L)    | X<br>(µg/L) | MTBE<br>(µg/L)         |    |
|------------------------------|---------------|-------------------------------|--------------|---------------|-----------------------------|---|----------------|-------------|----------------|-------------|------------------------|----|
| <b>B-3 (cont)</b>            |               |                               |              |               |                             |   |                |             |                |             |                        |    |
| 09/12/97                     | 24.35         | 15.04                         | 9.31         | --            | --                          | <500 <sup>1</sup>                       | <5.0           | <5.0        | <5.0           | <5.0        | 1,900                  |    |
| 04/02/98                     | 24.35         | 17.02                         | 7.33         | --            | --                          | 110                                     | 8.3            | 0.79        | 4.0            | 7.4         | 590                    |    |
| 09/15/98 <sup>3</sup>        | 24.35         | 15.73                         | 8.62         | --            | --                          | 100                                     | <0.5           | <0.5        | <0.5           | <0.6        | 940                    |    |
| 03/09/99                     | 24.43         | 18.97                         | 5.46         | --            | --                          | <50                                     | <0.5           | <0.5        | <0.5           | <0.5        | 25.2/31.6 <sup>4</sup> |    |
| 07/29/99 <sup>5</sup>        | 24.43         | 15.51                         | 8.92         | --            | --                          | --                                      | --             | --          | --             | --          | --                     |    |
| 09/15/99                     | 24.43         | 14.43                         | 10.00        | --            | --                          | <50                                     | <0.5           | <0.5        | <0.5           | <0.5        | 1,300                  |    |
| 03/01/00 <sup>6</sup>        | 24.43         | 16.88                         | 7.55         | --            | 0.40                        | --                                      | --             | --          | --             | --          | --                     |    |
| 08/31/00 <sup>7</sup>        | 24.43         | 13.90                         | 10.53        | 0.00          | 0.00                        | <50.0                                   | <0.500         | <0.500      | <0.500         | <0.500      | 3,230                  |    |
| 03/09/01 <sup>7</sup>        | 24.43         | 19.37                         | 5.06         | 0.00          | 0.00                        | <250                                    | <2.50          | <2.50       | <2.50          | <2.50       | 3,370                  |    |
| 09/21/01                     | 24.43         | UNABLE TO LOCATE - PAVED OVER |              |               | --                          | --                                      | --             | --          | --             | --          | --                     |    |
| 08/21/02                     | 24.43         | UNABLE TO LOCATE - PAVED OVER |              |               | --                          | --                                      | --             | --          | --             | --          | --                     |    |
| 03/11/03                     | 24.43         | 16.06                         | 8.37         | 0.00          | 0.00                        | NOT SAMPLED - DUE TO INSUFFICIENT WATER |                |             |                | --          |                        |    |
| 09/05/03 <sup>13</sup>       | 24.43         | 14.98                         | 9.45         | 0.00          | 0.00                        | 420                                     | <5             | <5          | <5             | <5          | 4,900                  |    |
| 03/12/04 <sup>13</sup>       | 24.43         | 16.95                         | 7.48         | 0.00          | 0.00                        | 470                                     | 3              | 1           | <1             | 4           | 1,800                  |    |
| 08/30/04 <sup>13</sup>       | 24.43         | 14.60                         | 9.83         | 0.00          | 0.00                        | 600                                     | <5             | <5          | <5             | <5          | 5,800                  |    |
| 03/04/05 <sup>13</sup>       | 24.43         | 17.36                         | 7.07         | 0.00          | 0.00                        | 320                                     | 2              | 0.8         | 0.5            | 3           | 370                    |    |
| 09/01/05 <sup>13</sup>       | 24.43         | 15.61                         | 8.82         | 0.00          | 0.00                        | 290                                     | <1             | <1          | <1             | <1          | 1,100                  |    |
| 03/20/06 <sup>13</sup>       | 24.43         | 17.71                         | 6.72         | 0.00          | 0.00                        | 140                                     | <0.5           | 12          | <0.5           | <0.5        | 76                     |    |
| 09/13/06 <sup>13</sup>       | 24.43         | 15.22                         | 9.21         | 0.00          | 0.00                        | 130                                     | <0.5           | <0.5        | <0.5           | <0.5        | 150                    |    |
| 02/26/07 <sup>13</sup>       | 24.43         | 15.95                         | 8.48         | 0.00          | 0.00                        | 220                                     | <0.5           | <0.5        | <0.5           | <0.5        | 39                     |    |
| 09/07/07 <sup>13</sup>       | 24.43         | 15.12                         | 9.31         | 0.00          | 0.00                        | 380                                     | <0.5           | 0.8         | <0.5           | 1           | 28                     |    |
| 03/11/08 <sup>13</sup>       | 24.43         | 16.54                         | 7.89         | 0.00          | 0.00                        | 170                                     | <0.5           | <0.5        | <0.5           | <0.5        | 8                      |    |
| 09/12/08 <sup>13</sup>       | NP            | 24.43                         | 14.31        | 10.12         | 0.00                        | 0.00                                    | 370            | <0.5        | 0.7            | <0.5        | 0.7                    | 8  |
| 03/31/09 <sup>13</sup>       | NP            | 24.43                         | 16.22        | 8.21          | 0.00                        | 0.00                                    | 830            | 7           | 0.7            | 1           | 11                     | 21 |
| 09/24/09 <sup>13</sup>       | 24.43         | 14.73                         | 9.70         | 0.00          | 0.00                        | 530                                     | 0.9            | <0.5        | <0.5           | 0.7         | 12                     |    |
| 03/17/10 <sup>13</sup>       | 24.43         | 17.12                         | 7.31         | 0.00          | 0.00                        | 120                                     | <0.5           | <0.5        | <0.5           | <0.5        | 2                      |    |
| 09/27/10 <sup>13</sup>       | 24.43         | 14.37                         | 10.06        | 0.00          | 0.00                        | 540                                     | <0.5           | 0.6         | <0.5           | 2           | 10                     |    |
| 03/28/11 <sup>13</sup>       | 24.43         | 17.32                         | 7.11         | 0.00          | 0.00                        | 130                                     | <0.5           | <0.5        | <0.5           | <0.5        | 1                      |    |
| <b>09/10/11<sup>13</sup></b> | <b>24.43</b>  | <b>15.55</b>                  | <b>8.88</b>  | <b>0.00</b>   | <b>0.00</b>                 | <b>320</b>                              | <b>&lt;0.5</b> | <b>0.8</b>  | <b>&lt;0.5</b> | <b>1</b>    | <b>8</b>               |    |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE          | TOC*<br>(ft.) | GWE<br>(msl)  | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)            |
|---------------------------|---------------|---|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|---------------------------|
| <b>B-5</b>                |               |   |              |               |                             |                       |             |             |             |             |                           |
| 03/18/82                  | 21.53         | 16.40   | 5.13         | --            | --                          | --                    | --          | --          | --          | --          | --                        |
| 03/25/82                  | 21.53         | 16.26   | 5.27         | --            | --                          | --                    | --          | --          | --          | --          | --                        |
| 05/21/82                  | 21.53         | 17.13   | 4.40         | --            | --                          | --                    | --          | --          | --          | --          | --                        |
| 05/26/82                  | 21.53         | 13.98   | 7.55         | --            | --                          | --                    | --          | --          | --          | --          | --                        |
| 06/24/82                  | 21.53         | 14.26   | 7.27         | --            | --                          | --                    | --          | --          | --          | --          | --                        |
| 09/09/93                  | 21.53         | 15.08   | 6.45         | --            | --                          | 110,000               | 1,800       | 1,800       | 6,300       | 25,000      | --                        |
| 12/02/93                  | 21.53         | 16.40   | 5.13         | --            | --                          | 81,000                | 4,400       | 3,800       | 6,700       | 28,000      | --                        |
| 03/17/94                  | 21.53         | 14.98   | 6.55         | --            | --                          | 38,000                | 2,100       | 3,100       | 1,800       | 9,100       | --                        |
| 06/10/94                  | 21.53         | 14.19   | 7.34         | --            | --                          | 110,000               | 5,100       | 7,000       | 5,400       | 27,000      | --                        |
| 09/15/94                  | 21.53         | 15.19   | 6.34         | --            | --                          | 2,700                 | 770         | 15          | 240         | 320         | --                        |
| 12/28/94                  | 24.23         | 17.68   | 6.55         | --            | --                          | 94,000                | 4,600       | 10,000      | 4,400       | 19,000      | --                        |
| 03/29/95                  | 24.23         | 18.64   | 5.59         | --            | --                          | 59,000                | 1,500       | 3,100       | 2,100       | 8,100       | --                        |
| 06/05/95                  | 24.23         | 17.04   | 7.19         | --            | --                          | 58,000                | 2,300       | 4,300       | 2,600       | 11,000      | --                        |
| 09/21/95                  | 24.23         | 15.13   | 9.10         | --            | --                          | 3,500 <sup>1</sup>    | 300         | 30          | 260         | 330         | --                        |
| 12/22/95                  | 24.23         | 15.62   | 8.61         | --            | --                          | 6,500 <sup>1</sup>    | 370         | 120         | 400         | 870         | 5,500                     |
| 03/22/96                  | 24.23         | 18.21   | 6.02         | --            | --                          | 13,000                | 410         | 1,000       | 750         | 2,900       | 5,400                     |
| 09/25/96                  | 24.23         | 15.03   | 9.20         | --            | --                          | 8,000                 | 170         | <5.0        | 140         | 110         | 7,200                     |
| 03/06/97                  | 24.23         | 17.60   | 6.63         | --            | --                          | 60,000                | 630         | 320         | 2,300       | 9,500       | 4,700                     |
| 09/12/97                  | 24.23         | 15.93   | 8.30         | --            | --                          | 1,400                 | 66          | <10         | 59          | 24          | 3,300                     |
| 04/02/98                  | 24.23         | 17.00   | 7.23         | --            | --                          | 1,000 <sup>1</sup>    | 5.9         | 2.1         | 18          | 5.1         | 470                       |
| 09/15/98                  | 24.23         | 15.70   | 8.53         | --            | --                          | 11,000                | 250         | <100        | 290         | 740         | 4,600                     |
| 03/09/99                  | 24.23         | 18.79   | 5.44         | --            | --                          | 51,900                | 598         | 623         | 3,070       | 11,400      | 2,250/2,970 <sup>4</sup>  |
| 07/29/99 <sup>5</sup>     | 24.23         | 16.13   | 8.10         | --            | --                          | --                    | --          | --          | --          | --          | --                        |
| 09/15/99                  | 24.23         | 14.27   | 9.96         | --            | --                          | 3,500                 | 210         | 39          | 63          | 230         | 6,300                     |
| 03/01/00                  | 24.23         | 18.09   | 6.14         | --            | --                          | 32,400                | 238         | 110         | 1,710       | 6,500       | 1,300                     |
| 08/31/00 <sup>7</sup>     | 24.23         | 15.25   | 8.98         | 0.00          | 0.00                        | 4,730 <sup>8</sup>    | 55.5        | <5.00       | 246         | 613         | 2,420                     |
| 03/09/01                  | 24.24         | UNABLE TO LOCATE - WELL COVERED WITH DIRT AND ROCKS |              |               |                             |                       | --          | --          | --          | --          | --                        |
| 09/21/01 <sup>7</sup>     | 24.24         | 14.61   | 9.63         | 0.00          | 0.00                        | 1,400                 | 9.1         | <0.50       | 6.2         | 24          | 1,700/1,600 <sup>12</sup> |
| 08/21/02 <sup>7</sup>     | 24.24         | 14.93   | 9.31         | 0.00          | 0.00                        | 1,800                 | 2.7         | <0.50       | 12          | 3.7         | 330/320 <sup>12</sup>     |
| 03/11/03 <sup>7</sup>     | 24.24         | 15.98   | 8.26         | 0.00          | 0.00                        | 1,900                 | 3.8         | <0.50       | 72          | 30          | 550/620 <sup>12</sup>     |
| 09/05/03 <sup>7,13</sup>  | 24.24         | 12.79   | 11.45        | 0.00          | 0.00                        | 770                   | 1           | <0.5        | 4           | 0.9         | 420                       |
| 03/12/04 <sup>13,15</sup> | 24.24         | 16.93   | 7.31         | 0.00          | 0.00                        | 3,000                 | 2           | 0.7         | 87          | 76          | 49                        |
| 08/30/04 <sup>13</sup>    | 24.24         | 14.52   | 9.72         | 0.00          | 0.00                        | 2,500                 | 9           | 1           | 20          | 19          | 130                       |
| 03/04/05 <sup>13</sup>    | 24.24         | 17.60   | 6.64         | 0.00          | 0.00                        | 590                   | 0.5         | <0.5        | 1           | 1           | 22                        |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| <b>WELL ID/<br/>DATE</b>     | <b>TOC*<br/>(ft.)</b> | <b>GWE<br/>(msl)</b> | <b>DTW<br/>(ft.)</b> | <b>SPHT<br/>(ft.)</b> | <b>SPH<br/>REMOVED<br/>(gallons)</b> | <b>TPH-<br/>GRO<br/>(µg/L)</b> | <b>B<br/>(µg/L)</b> | <b>T<br/>(µg/L)</b> | <b>E<br/>(µg/L)</b> | <b>X<br/>(µg/L)</b> | <b>MTBE<br/>(µg/L)</b> |
|------------------------------|-----------------------|----------------------|----------------------|-----------------------|--------------------------------------|--------------------------------|---------------------|---------------------|---------------------|---------------------|------------------------|
| <b>B-5 (cont)</b>            |                       |                      |                      |                       |                                      |                                |                     |                     |                     |                     |                        |
| 09/01/05 <sup>13</sup>       | 24.24                 | 15.48                | 8.76                 | 0.00                  | 0.00                                 | 1,500                          | 2                   | <0.5                | 28                  | 2                   | 39                     |
| 03/20/06 <sup>13</sup>       | 24.24                 | 17.63                | 6.61                 | 0.00                  | 0.00                                 | 1,200                          | 0.6                 | <0.5                | 8                   | 2                   | 19                     |
| 09/13/06 <sup>13</sup>       | 24.24                 | 14.87                | 9.37                 | 0.00                  | 0.00                                 | 830                            | 1                   | <0.5                | 12                  | 1                   | 18                     |
| 02/26/07 <sup>13</sup>       | 24.24                 | 15.22                | 9.02                 | 0.00                  | 0.00                                 | 320                            | <0.5                | <0.5                | <0.5                | <0.5                | 12                     |
| 09/07/07 <sup>13</sup>       | 24.24                 | 15.02                | 9.22                 | 0.00                  | 0.00                                 | 720                            | <0.5                | <0.5                | <0.5                | <0.5                | 16                     |
| 03/11/08 <sup>13</sup>       | 24.24                 | 16.53                | 7.71                 | 0.00                  | 0.00                                 | 2,700                          | 2                   | <0.5                | 11                  | 1                   | 20                     |
| 09/12/08 <sup>13</sup>       | 24.24                 | 14.33                | 9.91                 | 0.00                  | 0.00                                 | 440                            | 0.9                 | <0.5                | <0.5                | <0.5                | 18                     |
| 03/31/09 <sup>13</sup>       | 24.24                 | 16.29                | 7.95                 | 0.00                  | 0.00                                 | 530                            | 0.6                 | <0.5                | <0.5                | <0.5                | 12                     |
| 09/24/09 <sup>13</sup>       | 24.24                 | 14.49                | 9.75                 | 0.00                  | 0.00                                 | 250                            | <0.5                | <0.5                | <0.5                | <0.5                | 13                     |
| 03/17/10 <sup>13</sup>       | 24.24                 | 16.96                | 7.28                 | 0.00                  | 0.00                                 | 210                            | <0.5                | <0.5                | <0.5                | <0.5                | 8                      |
| 09/27/10 <sup>13</sup>       | 24.24                 | 14.12                | 10.12                | 0.00                  | 0.00                                 | 650                            | 0.6                 | <0.5                | 1                   | 0.5                 | 8                      |
| 03/28/11 <sup>13</sup>       | 24.24                 | 17.59                | 6.65                 | 0.00                  | 0.00                                 | <50                            | <0.5                | <0.5                | <0.5                | <0.5                | 4                      |
| <b>09/10/11<sup>13</sup></b> | <b>24.24</b>          | <b>15.51</b>         | <b>8.73</b>          | <b>0.00</b>           | <b>0.00</b>                          | <b>430</b>                     | <b>&lt;0.5</b>      | <b>&lt;0.5</b>      | <b>&lt;0.5</b>      | <b>&lt;0.5</b>      | <b>8</b>               |
| <b>B-6</b>                   |                       |                      |                      |                       |                                      |                                |                     |                     |                     |                     |                        |
| 03/18/82                     | 22.03                 | 14.47                | 7.56                 | --                    | --                                   | --                             | --                  | --                  | --                  | --                  | --                     |
| 03/25/82                     | 22.03                 | 15.95                | 6.08                 | --                    | --                                   | --                             | --                  | --                  | --                  | --                  | --                     |
| 05/21/82                     | 22.03                 | 17.18                | 4.85                 | --                    | --                                   | --                             | --                  | --                  | --                  | --                  | --                     |
| 05/26/82                     | 22.03                 | 13.72                | 8.31                 | --                    | --                                   | --                             | --                  | --                  | --                  | --                  | --                     |
| 06/24/82                     | 22.03                 | 14.00                | 8.03                 | --                    | --                                   | --                             | --                  | --                  | --                  | --                  | --                     |
| 09/09/93                     | 22.03                 | 13.91                | 8.12                 | --                    | --                                   | 6,800 <sup>1</sup>             | <0.5                | <0.5                | <0.5                | <1.5                | --                     |
| 12/02/93                     | 22.03                 | 14.97                | 7.06                 | --                    | --                                   | 320                            | 29                  | <0.5                | <0.5                | <0.5                | --                     |
| 03/17/94                     | 22.03                 | 14.46                | 7.57                 | --                    | --                                   | 570                            | 130                 | 6.2                 | 4.7                 | 14                  | --                     |
| 06/10/94                     | 22.03                 | 13.82                | 8.21                 | --                    | --                                   | 1,500                          | 100                 | 81                  | 51                  | 240                 | --                     |
| 09/15/94                     | 22.03                 | 12.09                | 9.94                 | --                    | --                                   | 6,400                          | 900                 | 24                  | 490                 | 620                 | --                     |
| 12/28/94                     | 24.72                 | 17.27                | 7.45                 | --                    | --                                   | 350                            | 110                 | 4.4                 | 3.7                 | 14                  | --                     |
| 03/29/95                     | 24.72                 | 18.32                | 6.40                 | --                    | --                                   | 3,300                          | 46                  | <0.5                | 1.3                 | 1.2                 | --                     |
| 06/05/95                     | 24.72                 | 16.65                | 8.07                 | --                    | --                                   | 230                            | <0.5                | <0.5                | <0.5                | <0.5                | --                     |
| 09/21/95                     | 24.72                 | 15.17                | 9.55                 | --                    | --                                   | <50 <sup>1</sup>               | <0.5                | <0.5                | <0.5                | <0.5                | --                     |
| 12/22/95                     | 24.72                 | 15.81                | 8.91                 | --                    | --                                   | <50                            | <0.5                | <0.5                | <0.5                | <0.5                | 15,000                 |
| 03/22/96                     | 24.72                 | 17.78                | 6.94                 | --                    | --                                   | <1,200 <sup>1</sup>            | <12                 | <12                 | <12                 | <12                 | 18,000                 |
| 09/25/96                     | 24.72                 | 15.09                | 9.63                 | --                    | --                                   | 15,000 <sup>1</sup>            | <10                 | <10                 | <10                 | <10                 | 20,000                 |
| 03/06/97                     | 24.72                 | 17.22                | 7.50                 | --                    | --                                   | <5,000                         | <50                 | <50                 | <50                 | <50                 | 18,000                 |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(msl)                     | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L)                   | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)         |
|------------------------|---------------|----------------------------------|--------------|---------------|-----------------------------|---|-------------|-------------|-------------|-------------|------------------------|
| <b>B-6 (cont)</b>      |               |                                  |              |               |                             |   |             |             |             |             |                        |
| 09/12/97               | 24.72         | 15.02                            | 9.70         | --            | --                          | <100 <sup>1</sup>                       | <1.0        | <1.0        | <1.0        | <1.0        | 1,300                  |
| 04/02/98               | 24.72         | 16.91                            | 7.81         | --            | --                          | <500                                    | 17          | <5.0        | <5.0        | <5.0        | 5,800                  |
| 09/15/98               | 24.72         | 15.69                            | 9.03         | --            | --                          | 210                                     | <1.0        | <1.0        | <1.0        | <1.2        | 8,800                  |
| 03/09/99               | 25.16         | 18.49                            | 6.67         | --            | --                          | <50                                     | <0.5        | <0.5        | <0.5        | <0.5        | 18.5/18.4 <sup>4</sup> |
| 07/29/99 <sup>5</sup>  | 25.16         | 15.91                            | 9.25         | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 09/15/99               | 25.16         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/01/00               | 25.16         | 18.70                            | 6.46         | --            | --                          | UNABLE TO SAMPLE                        | --          | --          | --          | --          | --                     |
| 08/31/00 <sup>7</sup>  | 25.16         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/09/01               | 25.11         | 19.25                            | 5.86         | 0.00          | 0.00                        | <50.0                                   | <0.500      | <0.500      | <0.500      | <0.500      | 49.7                   |
| 09/21/01 <sup>11</sup> | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 08/21/02 <sup>7</sup>  | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/11/03 <sup>7</sup>  | 25.11         | 16.24                            | 8.87         | 0.00          | 0.00                        | NOT SAMPLED - DUE TO INSUFFICIENT WATER | --          | --          | --          | --          | --                     |
| 09/05/03 <sup>7</sup>  | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/12/04 <sup>15</sup> | 25.11         | 16.98                            | 8.13         | 0.00          | 0.00                        | NOT SAMPLED - DUE TO INSUFFICIENT WATER | --          | --          | --          | --          | --                     |
| 08/30/04               | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/04/05 <sup>13</sup> | 25.11         | 17.66                            | 7.45         | 0.00          | 0.00                        | 110                                     | <3          | <3          | <3          | <3          | 2,200                  |
| 09/01/05               | 25.11         | DRY AT 8.93 FEET                 | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/20/06 <sup>13</sup> | 25.11         | 17.68                            | 7.43         | 0.00          | 0.00                        | 81                                      | <0.5        | <0.5        | <0.5        | <0.5        | 2,000                  |
| 09/13/06               | 25.11         | OBSTRUCTION IN WELL AT 9.17 FEET | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 02/26/07               | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 09/07/07               | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/11/08               | 25.11         | 16.53                            | 8.58         | 0.00          | 0.00                        | NOT SAMPLED DUE TO INSUFFICIENT WATER   | --          | --          | --          | --          | --                     |
| 09/12/08               | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/31/09               | 25.11         | -- <sup>16</sup>                 | 8.79         | 0.00          | 0.00                        | NOT SAMPLED DUE TO INSUFFICIENT WATER   | --          | --          | --          | --          | --                     |
| 09/24/09               | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/17/10 <sup>10</sup> | 25.11         | 16.96                            | 8.15         | 0.00          | 0.00                        | <50                                     | <0.5        | <0.5        | <0.5        | <0.5        | 10                     |
| 09/27/10               | 25.11         | DRY                              | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |
| 03/28/11 <sup>13</sup> | 25.11         | 17.86                            | 7.25         | 0.00          | 0.00                        | <50                                     | <0.5        | <0.5        | <0.5        | <0.5        | 4                      |
| <b>09/10/11</b>        | <b>25.11</b>  | <b>DRY</b>                       | --           | --            | --                          | --                                      | --          | --          | --          | --          | --                     |



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE          | TOC*<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)           |
|---------------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|--------------------------|
| <b>B-7</b>                |               |              |              |               |                             |                       |             |             |             |             |                          |
| 03/18/82                  | 19.54         | 15.46        | 4.08         | --            | --                          | --                    | --          | --          | --          | --          | --                       |
| 03/25/82                  | 19.54         | 15.54        | 4.00         | --            | --                          | --                    | --          | --          | --          | --          | --                       |
| 05/21/82                  | 19.54         | 16.54        | 3.00         | --            | --                          | --                    | --          | --          | --          | --          | --                       |
| 05/26/82                  | 19.54         | 14.58        | 4.96         | --            | --                          | --                    | --          | --          | --          | --          | --                       |
| 06/24/82                  | 19.54         | 14.64        | 4.90         | --            | --                          | --                    | --          | --          | --          | --          | --                       |
| 09/09/93                  | 19.54         | 13.00        | 6.54         | --            | --                          | 230                   | 1.3         | 2.3         | 0.6         | 2.1         | --                       |
| 12/02/93                  | 19.54         | 13.34        | 6.20         | --            | --                          | 190                   | 4.7         | <0.5        | 1.1         | 1.9         | --                       |
| 03/17/94                  | 19.54         | 14.35        | 5.19         | --            | --                          | 320                   | 15          | 3.3         | 1.0         | 3.0         | --                       |
| 06/10/94                  | 19.54         | 13.57        | 5.97         | --            | --                          | 210                   | 6.1         | 5.7         | 2.3         | 5.8         | --                       |
| 09/15/94                  | 19.54         | 11.76        | 7.78         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                       |
| 12/28/94                  | 22.22         | 17.18        | 5.04         | --            | --                          | 520                   | 17          | 4.8         | 2.5         | 2.1         | --                       |
| 03/29/95                  | 22.22         | 17.87        | 4.35         | --            | --                          | 420                   | 6.0         | 2.3         | 1.8         | 0.9         | --                       |
| 06/05/95                  | 22.22         | 16.43        | 5.79         | --            | --                          | 65                    | <0.5        | <0.5        | <0.5        | <0.5        | --                       |
| 09/21/95                  | 22.22         | 14.67        | 7.55         | --            | --                          | <50 <sup>1</sup>      | <0.5        | <0.5        | <0.5        | <0.5        | --                       |
| 12/22/95                  | 22.22         | 13.06        | 9.16         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 930                      |
| 03/22/96                  | 22.22         | 17.62        | 4.60         | --            | --                          | 300                   | 1.0         | 0.5         | <0.5        | 0.6         | 280                      |
| 09/25/96                  | 22.22         | 14.24        | 7.98         | --            | --                          | 310 <sup>1</sup>      | <0.5        | 0.6         | <0.5        | 0.8         | 420                      |
| 03/06/97                  | 22.22         | 17.16        | 5.06         | --            | --                          | 1,200                 | 9.0         | <0.5        | <0.5        | 2.9         | 1,000                    |
| 09/12/97                  | 22.22         | 14.37        | 7.85         | --            | --                          | <500 <sup>1</sup>     | <5.0        | <5.0        | <5.0        | <5.0        | 3,500                    |
| 04/02/98                  | 22.22         | 17.90        | 4.32         | --            | --                          | <500                  | 26          | 1.0         | 9.0         | 20          | 2,200                    |
| 09/15/98                  | 22.22         | 15.24        | 6.98         | --            | --                          | 330                   | <0.5        | <0.5        | <0.5        | <0.6        | 1,200                    |
| 03/09/99                  | 22.19         | 17.99        | 4.20         | --            | --                          | 607                   | 18.1        | <5.0        | <5.0        | 5.64        | 3,080/5,070 <sup>4</sup> |
| 07/29/99 <sup>5</sup>     | 22.19         | 15.39        | 6.80         | --            | --                          | --                    | --          | --          | --          | --          | --                       |
| 09/15/99                  | 22.19         | 12.70        | 9.49         | --            | --                          | 150                   | <0.5        | <0.5        | <0.5        | 0.64        | 1,100                    |
| 03/01/00                  | 22.19         | 17.22        | 4.97         | --            | --                          | 230                   | <0.5        | <0.5        | <0.5        | <0.5        | 557                      |
| 08/31/00 <sup>7</sup>     | 22.19         | 14.71        | 7.48         | 0.00          | 0.00                        | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | 85.7                     |
| 03/09/01 <sup>7</sup>     | 22.18         | 18.54        | 3.64         | 0.00          | 0.00                        | 235 <sup>9</sup>      | <0.500      | <0.500      | <0.500      | <0.500      | 236                      |
| 09/21/01 <sup>7</sup>     | 22.18         | 14.35        | 7.83         | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<2 <sup>12</sup>    |
| 08/21/02 <sup>7</sup>     | 22.18         | 14.90        | 7.28         | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | 2.6/2 <sup>12</sup>      |
| 03/11/03 <sup>7</sup>     | 22.18         | 16.31        | 5.87         | 0.00          | 0.00                        | 260                   | 0.80        | <0.50       | <0.50       | <1.5        | 22/19 <sup>12</sup>      |
| 09/05/03 <sup>7,13</sup>  | 22.18         | 14.24        | 7.94         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 3                        |
| 03/12/04 <sup>13,15</sup> | 22.18         | 17.40        | 4.78         | 0.00          | 0.00                        | 430                   | <0.5        | <0.5        | <0.5        | <0.5        | 10                       |
| 08/30/04 <sup>13</sup>    | 22.18         | 12.93        | 9.25         | 0.00          | 0.00                        | 72                    | <0.5        | <0.5        | <0.5        | <0.5        | 33                       |
| 03/04/05 <sup>13</sup>    | 22.18         | 18.48        | 3.70         | 0.00          | 0.00                        | 290                   | <0.5        | <0.5        | <0.5        | <0.5        | 10                       |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|----------------|
| <b>B-7 (cont)</b>      |               |              |              |               |                             |                       |             |             |             |             |                |
| 09/01/05 <sup>13</sup> | 22.18         | 15.20        | 6.98         | 0.00          | 0.00                        | 110                   | <0.5        | <0.5        | <0.5        | <0.5        | 21             |
| 03/20/06 <sup>13</sup> | 22.18         | 18.20        | 3.98         | 0.00          | 0.00                        | 110                   | <0.5        | <0.5        | <0.5        | <0.5        | 4              |
| 09/13/06 <sup>13</sup> | 22.18         | 14.81        | 7.37         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 29             |
| 02/26/07 <sup>13</sup> | 22.18         | 17.47        | 4.71         | 0.00          | 0.00                        | 130                   | <0.5        | <0.5        | <0.5        | <0.5        | 7              |
| 09/07/07 <sup>13</sup> | 22.18         | 14.87        | 7.31         | 0.00          | 0.00                        | 75                    | <0.5        | <0.5        | <0.5        | <0.5        | 28             |
| 03/11/08 <sup>13</sup> | 22.18         | 16.90        | 5.28         | 0.00          | 0.00                        | 110                   | <0.5        | <0.5        | <0.5        | <0.5        | 15             |
| 09/12/08 <sup>13</sup> | 22.18         | 13.81        | 8.37         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 32             |
| 03/31/09 <sup>13</sup> | 22.18         | 17.13        | 5.05         | 0.00          | 0.00                        | 490                   | <0.5        | <0.5        | <0.5        | <0.5        | 3              |
| 09/24/09 <sup>13</sup> | 22.18         | 14.64        | 7.54         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 18             |
| 03/17/10 <sup>13</sup> | 22.18         | 17.49        | 4.69         | 0.00          | 0.00                        | 330                   | <0.5        | <0.5        | <0.5        | <0.5        | 2              |
| 09/27/10 <sup>13</sup> | 22.18         | 14.36        | 7.82         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 9              |
| 03/28/11 <sup>13</sup> | 22.18         | 18.45        | 3.73         | 0.00          | 0.00                        | 120                   | <0.5        | <0.5        | <0.5        | <0.5        | 1              |
| 09/10/11 <sup>13</sup> | 22.18         | 15.22        | 6.96         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 14             |
| <b>B-8</b>             |               |              |              |               |                             |                       |             |             |             |             |                |
| 03/18/82               | 18.49         | 14.22        | 4.27         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 03/25/82               | 18.49         | 14.43        | 4.06         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 05/21/82               | 18.49         | 13.63        | 4.86         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 05/26/82               | 18.49         | 13.53        | 4.96         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 06/24/82               | 18.49         | 13.62        | 4.87         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 09/09/93               | 18.49         | 13.29        | 5.20         | --            | --                          | <50                   | 3.4         | <0.5        | <0.5        | <1.5        | --             |
| 12/02/93               | 18.49         | 13.18        | 5.31         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 03/17/94               | 18.49         | 13.62        | 4.87         | --            | --                          | <50                   | 1.7         | 0.5         | <0.5        | 0.6         | --             |
| 06/10/94               | 18.49         | 12.86        | 5.63         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 09/15/94               | 18.49         | 11.39        | 7.10         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 12/28/94               | 21.01         | 16.38        | 4.63         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 03/29/95               | 21.01         | 16.81        | 4.20         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 06/05/95               | 21.01         | 15.83        | 5.18         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 09/21/95               | 21.01         | 14.21        | 6.80         | --            | --                          | <50 <sup>1</sup>      | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 12/22/95               | 21.01         | 14.53        | 6.48         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 190            |
| 03/22/96               | 21.01         | 16.52        | 4.49         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 86             |
| 09/25/96               | 21.01         | 13.83        | 7.18         | --            | --                          | 90 <sup>1</sup>       | <0.5        | <0.5        | <0.5        | 1.0         | 110            |
| 03/06/97               | 21.01         | INACCESSIBLE |              | --            | --                          | --                    | --          | --          | --          | --          | --             |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE             | TOC*<br>(ft.) | GWE<br>(msl)                              | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L)    | T<br>(µg/L)    | E<br>(µg/L)    | X<br>(µg/L)    | MTBE<br>(µg/L)      |
|------------------------------|---------------|---|--------------|---------------|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|---------------------|
| <b>B-8 (cont)</b>            |               |   |              |               |                             |                       |                |                |                |                |                     |
| 09/12/97                     | 21.01         | INACCESSIBLE                              |              | --            | --                          | --                    | --             | --             | --             | --             | --                  |
| 04/02/98                     | 21.01         | 16.79                                     | 4.22         | --            | --                          | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 56                  |
| 09/15/98                     | 21.01         | 14.03                                     | 6.98         | --            | --                          | <50                   | <0.5           | <0.5           | <0.5           | <0.6           | 54                  |
| 03/09/99                     | 20.99         | 17.30                                     | 3.69         | --            | --                          | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | <5.0                |
| 09/15/99                     | 20.99         | 13.60                                     | 7.39         | --            | --                          | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 52                  |
| 03/01/00                     | 20.99         | 17.43                                     | 3.56         | --            | --                          | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 20.4                |
| 08/31/00                     | 20.99         | 13.90                                     | 7.09         | 0.00          | 0.00                        | <50.0                 | <0.500         | <0.500         | <0.500         | <0.500         | 29.3                |
| 03/09/01                     | 21.00         | UNABLE TO LOCATE - WELL COVERED WITH DIRT |              |               |                             | --                    | --             | --             | --             | --             | --                  |
| 09/21/01                     | 21.01         | UNABLE TO LOCATE - WELL COVERED WITH DIRT |              |               |                             | --                    | --             | --             | --             | --             | --                  |
| 08/21/02                     | 21.01         | 14.01                                     | 7.00         | 0.00          | 0.00                        | <50                   | <0.50          | <0.50          | <0.50          | <1.5           | 12/11 <sup>12</sup> |
| 03/11/03                     | 21.01         | 15.26                                     | 5.75         | 0.00          | 0.00                        | <50                   | <0.50          | <0.50          | <0.50          | <1.5           | 5.3/4 <sup>12</sup> |
| 09/05/03 <sup>13</sup>       | 21.01         | 13.98                                     | 7.03         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 9                   |
| 03/12/04 <sup>13</sup>       | 21.01         | 16.49                                     | 4.52         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 4                   |
| 08/30/04 <sup>13</sup>       | 21.01         | 13.43                                     | 7.58         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 10                  |
| 03/04/05 <sup>13</sup>       | 21.01         | 17.86                                     | 3.15         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 2                   |
| 09/01/05 <sup>13</sup>       | 21.01         | 14.53                                     | 6.48         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 7                   |
| 03/20/06 <sup>13</sup>       | 21.01         | 17.49                                     | 3.52         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 2                   |
| 09/13/06 <sup>13</sup>       | 21.01         | 14.20                                     | 6.81         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 5                   |
| 02/26/07 <sup>13</sup>       | 21.01         | 16.82                                     | 4.19         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 1                   |
| 09/07/07 <sup>13</sup>       | 21.01         | 14.50                                     | 6.51         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 2                   |
| 03/11/08 <sup>13</sup>       | 21.01         | 16.11                                     | 4.90         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 1                   |
| 09/12/08 <sup>13</sup>       | 21.01         | 13.23                                     | 7.78         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 4                   |
| 03/31/09 <sup>13</sup>       | 21.01         | 16.05                                     | 4.96         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 1                   |
| 09/24/09 <sup>13</sup>       | 21.01         | 14.20                                     | 6.81         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 5                   |
| 03/17/10 <sup>13</sup>       | 21.01         | 16.60                                     | 4.41         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | <0.5                |
| 09/27/10 <sup>13</sup>       | 21.01         | 13.66                                     | 7.35         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | 6                   |
| 03/28/11 <sup>13</sup>       | 21.01         | 17.30                                     | 3.71         | 0.00          | 0.00                        | <50                   | <0.5           | <0.5           | <0.5           | <0.5           | <0.5                |
| <b>09/10/11<sup>13</sup></b> | <b>21.01</b>  | <b>14.33</b>                              | <b>6.68</b>  | <b>0.00</b>   | <b>0.00</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>6</b>            |
| <b>B-9</b>                   |               |   |              |               |                             |                       |                |                |                |                |                     |
| 08/04/94                     | --            | 14.08                                     | 11.53        | --            | --                          | 650                   | 4.4            | 2.4            | 6.3            | 14             | --                  |
| 11/02/94                     | --            | 16.19                                     | 9.42         | --            | --                          | --                    | --             | --             | --             | --             | --                  |
| 12/28/94                     | 25.61         | 17.26                                     | 8.35         | --            | --                          | 2,400                 | 290            | 8.4            | 90             | 36             | --                  |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE          | TOC*<br>(ft.) | GWE<br>(msl)                  | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)       |
|---------------------------|---------------|-------------------------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|----------------------|
| <b>B-9 (cont)</b>         |               |                               |              |               |                             |                       |             |             |             |             |                      |
| 03/29/95                  | 25.61         | 18.18                         | 7.43         | --            | --                          | 5,900                 | 540         | 24          | 200         | 84          | --                   |
| 06/05/95                  | 25.61         | 17.14                         | 8.47         | --            | --                          | 3,000                 | 130         | <25         | <25         | <25         | --                   |
| 09/21/95                  | 25.61         | 16.62                         | 8.99         | --            | --                          | 240 <sup>1</sup>      | 1,500       | 14          | 62          | 55          | --                   |
| 12/22/95                  | 25.61         | 16.41                         | 9.20         | --            | --                          | 1,800                 | 170         | 6.6         | 59          | 20          | <6.0                 |
| 03/22/96                  | 25.61         | 17.77                         | 7.84         | --            | --                          | 2,400                 | 230         | 6.2         | 77          | 9.7         | 9.2                  |
| 09/25/96                  | 25.61         | 16.37                         | 9.24         | --            | --                          | 1,800                 | 28          | 4.7         | 39          | 13          | 56                   |
| 03/06/97                  | 25.61         | 17.15                         | 8.46         | --            | --                          | 3,400                 | 68          | 3.3         | 45          | 18          | 47                   |
| 09/12/97                  | 25.61         | 16.46                         | 9.15         | --            | --                          | 560                   | 13          | 7.9         | 5.8         | 16          | 67                   |
| 04/02/98                  | 25.61         | 17.68                         | 7.93         | --            | --                          | 2,500 <sup>1</sup>    | 93          | 14          | 15          | 39          | 30                   |
| 09/15/98 <sup>3</sup>     | 25.61         | 16.54                         | 9.07         | --            | --                          | 1,400                 | <0.5        | <0.5        | <0.5        | <0.6        | 69                   |
| 03/09/99                  | 22.93         | 16.05                         | 6.88         | --            | --                          | 1,160                 | 133         | 10.1        | 7.5         | 3.27        | 178                  |
| 07/29/99 <sup>5</sup>     | 22.93         | 14.05                         | 8.88         | --            | --                          | --                    | --          | --          | --          | --          | --                   |
| 09/15/99                  | 22.93         | 13.38                         | 9.55         | --            | --                          | 62                    | 2.4         | <0.5        | <0.5        | 0.93        | 140                  |
| 03/01/00                  | 22.93         | 16.28                         | 6.65         | --            | --                          | 335                   | 16.5        | 0.649       | 1.49        | 1.15        | 132                  |
| 08/31/00 <sup>7</sup>     | 22.93         | 13.59                         | 9.34         | 0.00          | 0.00                        | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                |
| 03/09/01 <sup>7</sup>     | 22.93         | 16.58                         | 6.35         | 0.00          | 0.00                        | 1,840 <sup>10</sup>   | 66.8        | <2.00       | 7.61        | 7.42        | <20.0                |
| 09/21/01                  | 22.93         | UNABLE TO LOCATE - PAVED OVER |              |               | --                          | --                    | --          | --          | --          | --          | --                   |
| 08/21/02 <sup>7</sup>     | 22.93         | 13.55                         | 9.38         | 0.00          | 0.00                        | 280                   | 4.6         | <0.50       | 0.75        | 1.6         | 31/37 <sup>12</sup>  |
| 03/11/03 <sup>7</sup>     | 22.93         | 14.02                         | 8.91         | 0.00          | 0.00                        | 830                   | 36          | 2.6         | <2.5        | <7.5        | 100/71 <sup>12</sup> |
| 09/05/03 <sup>7,13</sup>  | 22.93         | 13.52                         | 9.41         | 0.00          | 0.00                        | 520                   | 8           | <0.5        | <0.5        | <0.5        | 50                   |
| 03/12/04 <sup>13,15</sup> | 22.93         | 14.57                         | 8.36         | 0.00          | 0.00                        | 1,000                 | 66          | 3           | 2           | 11          | 56                   |
| 08/30/04 <sup>13</sup>    | 22.93         | 13.61                         | 9.32         | 0.00          | 0.00                        | 2,100                 | 180         | 7           | 8           | 6           | 70                   |
| 03/04/05 <sup>13</sup>    | 22.93         | 15.98                         | 6.95         | 0.00          | 0.00                        | 2,800                 | 160         | 6           | 6           | 9           | 79                   |
| 09/01/05 <sup>13</sup>    | 22.93         | 14.10                         | 8.83         | 0.00          | 0.00                        | 4,000                 | 90          | 5           | 6           | 9           | 94                   |
| 03/20/06 <sup>13</sup>    | 22.93         | 15.93                         | 7.00         | 0.00          | 0.00                        | 2,800                 | 110         | 4           | 4           | 6           | 77                   |
| 09/13/06 <sup>13</sup>    | 22.93         | 13.96                         | 8.97         | 0.00          | 0.00                        | 4,700                 | 75          | 4           | 6           | 7           | 64                   |
| 02/26/07 <sup>13</sup>    | 22.93         | 15.22                         | 7.71         | 0.00          | 0.00                        | 2,800                 | 67          | 3           | 6           | 4           | 50                   |
| 09/07/07 <sup>13</sup>    | 22.93         | 13.97                         | 8.96         | 0.00          | 0.00                        | 3,400                 | 28          | 2           | 2           | 4           | 27                   |
| 03/11/08 <sup>13</sup>    | 22.93         | 14.61                         | 8.32         | 0.00          | 0.00                        | 1,800                 | 14          | 0.6         | 2           | 1           | 42                   |
| 09/12/08 <sup>13</sup>    | 22.93         | 13.68                         | 9.25         | 0.00          | 0.00                        | 3,700                 | 17          | 2           | 2           | 1           | 36                   |
| 03/31/09 <sup>13</sup>    | 22.93         | 15.22                         | 7.71         | 0.00          | 0.00                        | 4,400                 | 66          | 7           | 5           | 8           | 33                   |
| 09/24/09 <sup>13</sup>    | 22.93         | 13.90                         | 9.03         | 0.00          | 0.00                        | 5,000                 | 47          | 6           | 7           | 6           | 28                   |
| 03/17/10 <sup>13</sup>    | 22.93         | 15.22                         | 7.71         | 0.00          | 0.00                        | 3,200                 | 40          | 5           | 5           | 5           | 28                   |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(mst) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)          |
|------------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------------------|
| <b>B-9 (cont)</b>      |               |              |              |               |                             |                       |             |             |             |             |                         |
| 09/27/10               | 22.93         | 13.51        | 9.42         | 0.00          | 0.00                        | 2,800                 | 6           | 2           | 2           | 1           | 33                      |
| 03/28/11 <sup>13</sup> | 22.93         | 15.40        | 7.53         | 0.00          | 0.00                        | 3,600                 | 95          | 9           | 11          | 9           | 25                      |
| 09/10/11 <sup>13</sup> | 22.93         | 14.22        | 8.71         | 0.00          | 0.00                        | 2,700                 | 6           | 4           | 2           | 4           | 33                      |
| <b>B-10</b>            |               |              |              |               |                             |                       |             |             |             |             |                         |
| 08/04/94               | --            | 12.20        | 10.95        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                      |
| 11/02/94               | --            | 11.96        | 11.19        | --            | --                          | --                    | --          | --          | --          | --          | --                      |
| 12/28/94               | 23.15         | 12.85        | 10.30        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                      |
| 03/29/95               | 23.15         | 13.47        | 9.68         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                      |
| 06/05/95               | 23.15         | 12.56        | 10.59        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                      |
| 09/21/95               | 23.15         | 12.28        | 10.87        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                      |
| 12/22/95               | 23.15         | 12.74        | 10.41        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.6                    |
| 03/22/96               | 23.15         | 13.04        | 10.11        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                    |
| 09/25/96               | 23.15         | 13.00        | 10.15        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                    |
| 03/06/97               | 23.15         | 13.17        | 9.98         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                    |
| 09/12/97               | 23.15         | 12.25        | 10.90        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                    |
| 04/02/98               | 23.15         | 12.97        | 10.18        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                    |
| 09/15/98 <sup>3</sup>  | 23.15         | 12.24        | 10.91        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.6        | <10                     |
| 03/09/99               | 25.56         | INACCESSIBLE |              | --            | --                          | --                    | --          | --          | --          | --          | --                      |
| 03/19/99               | 25.56         | 15.51        | 10.05        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                    |
| 09/15/99               | 25.56         | 14.80        | 10.76        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                    |
| 03/01/00               | 25.56         | 15.78        | 9.78         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                    |
| 08/31/00               | 25.56         | 14.88        | 10.68        | 0.00          | 0.00                        | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                   |
| 03/09/01               | 25.56         | 15.53        | 10.03        | 0.00          | 0.00                        | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                   |
| 09/21/01               | 25.56         | 14.79        | 10.77        | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<2 <sup>12</sup>   |
| 08/21/02               | 25.56         | 15.00        | 10.56        | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<2 <sup>12</sup>   |
| 03/11/03               | 25.56         | 14.97        | 10.59        | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<0.5 <sup>12</sup> |
| 09/05/03 <sup>13</sup> | 25.56         | 14.69        | 10.87        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/12/04 <sup>13</sup> | 25.56         | 14.98        | 10.58        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | 0.7         | 6           | 0.5                     |
| 08/30/04 <sup>13</sup> | 25.56         | 15.07        | 10.49        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/04/05 <sup>13</sup> | 25.56         | 15.53        | 10.03        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/01/05 <sup>13</sup> | 25.56         | 14.94        | 10.62        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)        |
|------------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|-----------------------|
| <b>B-10 (cont)</b>     |               |              |              |               |                             |                       |             |             |             |             |                       |
| 03/20/06 <sup>13</sup> | 25.56         | 16.31        | 9.25         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 09/13/06 <sup>13</sup> | 25.56         | 14.68        | 10.88        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 02/26/07 <sup>13</sup> | 25.56         | 15.21        | 10.35        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 09/07/07 <sup>13</sup> | 25.56         | 14.75        | 10.81        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 03/11/08 <sup>13</sup> | 25.56         | 14.70        | 10.86        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 09/12/08 <sup>13</sup> | 25.56         | 14.38        | 11.18        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 03/31/09 <sup>13</sup> | 25.56         | 14.63        | 10.93        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 09/24/09 <sup>13</sup> | 25.56         | 14.48        | 11.08        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 03/17/10 <sup>13</sup> | 25.56         | 15.17        | 10.39        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 09/27/10               | 25.56         | 14.25        | 11.31        | 0.00          | 0.00                        | SAMPLED ANNUALLY      |             | --          | --          | --          | --                    |
| 03/28/11 <sup>13</sup> | 25.56         | 15.68        | 9.88         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                  |
| 09/10/11               | 25.56         | 14.65        | 10.91        | 0.00          | 0.00                        | SAMPLED ANNUALLY      |             | --          | --          | --          | --                    |
| <b>B-11</b>            |               |              |              |               |                             |                       |             |             |             |             |                       |
| 08/04/94               | --            | 14.84        | 10.39        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                    |
| 11/02/94               | --            | 13.73        | 11.50        | --            | --                          | --                    | --          | --          | --          | --          | --                    |
| 12/28/94               | 25.23         | 16.14        | 9.09         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                    |
| 03/29/95               | 25.23         | 17.83        | 7.40         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                    |
| 06/05/95               | 25.23         | 16.97        | 8.26         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                    |
| 09/21/95               | 25.23         | 15.44        | 9.79         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                    |
| 12/22/95               | 25.23         | 15.68        | 9.55         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.6                  |
| 03/22/96               | 25.23         | 17.88        | 7.35         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                  |
| 09/25/96               | 25.23         | 15.02        | 10.21        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                  |
| 03/06/97               | 25.23         | 17.47        | 7.76         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                  |
| 09/12/97               | 25.23         | 15.15        | 10.08        | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 2.5                   |
| 04/02/98               | 25.23         | 18.30        | 6.93         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                  |
| 09/15/98               | 25.23         | 16.07        | 9.16         | --            | --                          | <50                   | 0.82        | 1.5         | <0.5        | 2.0         | <10                   |
| 03/09/99               | 25.27         | 18.39        | 6.88         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                  |
| 09/15/99               | 25.27         | 15.58        | 9.69         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                  |
| 03/01/00               | 25.27         | 18.85        | 6.42         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5                  |
| 08/31/00               | 25.27         | 15.97        | 9.30         | 0.00          | 0.00                        | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                 |
| 03/09/01               | 25.27         | 18.72        | 6.55         | 0.00          | 0.00                        | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                 |
| 09/21/01               | 25.27         | 15.21        | 10.06        | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<2 <sup>12</sup> |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)          |
|------------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------------------|
| <b>B-11 (cont)</b>     |               |              |              |               |                             |                       |             |             |             |             |                         |
| 08/21/02               | 25.27         | 15.80        | 9.47         | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<2 <sup>12</sup>   |
| 03/11/03               | 25.27         | 16.72        | 8.55         | 0.00          | 0.00                        | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<0.5 <sup>12</sup> |
| 09/05/03 <sup>13</sup> | 25.27         | 15.16        | 10.11        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/12/04 <sup>13</sup> | 25.27         | 17.75        | 7.52         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 08/30/04 <sup>13</sup> | 25.27         | 14.51        | 10.76        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/04/05 <sup>13</sup> | 25.27         | 18.40        | 6.87         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/01/05 <sup>13</sup> | 25.27         | 16.06        | 9.21         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/20/06 <sup>13</sup> | 25.27         | 22.85        | 2.42         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/13/06 <sup>13</sup> | 25.27         | 15.65        | 9.62         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 02/26/07 <sup>13</sup> | 25.27         | 17.28        | 7.99         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/07/07 <sup>13</sup> | 25.27         | 15.23        | 10.04        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/11/08 <sup>13</sup> | 25.27         | 17.41        | 7.86         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/12/08 <sup>13</sup> | 25.27         | 14.42        | 10.85        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/31/09 <sup>13</sup> | 25.27         | 17.52        | 7.75         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/24/09 <sup>13</sup> | 25.27         | 15.11        | 10.16        | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/17/10 <sup>13</sup> | 25.27         | 18.03        | 7.24         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/27/10               | 25.27         | 14.84        | 10.43        | 0.00          | 0.00                        | SAMPLED ANNUALLY      |             | --          | --          | --          | --                      |
| 03/28/11 <sup>13</sup> | 25.27         | 19.22        | 6.05         | 0.00          | 0.00                        | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/10/11               | 25.27         | 16.14        | 9.13         | 0.00          | 0.00                        | SAMPLED ANNUALLY      |             | --          | --          | --          | --                      |
| <b>B-12</b>            |               |              |              |               |                             |                       |             |             |             |             |                         |
| 08/04/94               | --            | 13.99        | 6.41         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                      |
| 11/02/94               | --            | 11.65        | 8.75         | --            | --                          | --                    | --          | --          | --          | --          | --                      |
| 12/28/94               | 20.40         | 17.64        | 2.76         | --            | --                          | 74                    | 1.0         | 2.6         | 1.3         | 4.4         | --                      |
| 03/29/95               | 20.40         | 17.94        | 2.46         | --            | --                          | 210                   | <0.5        | <0.5        | 0.7         | 1.6         | --                      |
| 06/05/95               | 20.40         | 15.81        | 4.59         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | 0.7         | --                      |
| 09/21/95               | 20.40         | 13.04        | 7.36         | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --                      |
| 12/22/95               | 20.40         | 16.44        | 3.96         | --            | --                          | 140 <sup>1</sup>      | <0.5        | <0.5        | <0.5        | 0.93        | <0.6                    |
| 03/22/96               | 20.40         | 17.48        | 2.92         | --            | --                          | 150                   | <0.5        | 0.8         | <0.5        | 2.0         | <5.0                    |
| 09/25/96               | 20.40         | 12.56        | 7.84         | --            | --                          | 90                    | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                    |
| 03/06/97               | 20.40         | 17.23        | 3.17         | --            | --                          | 270 <sup>1</sup>      | <0.5        | <0.5        | <0.5        | <0.5        | <5.0                    |
| 09/12/97               | 20.40         | 13.59        | 6.81         | --            | --                          | 130 <sup>1</sup>      | <1.0        | <1.0        | <1.0        | <1.0        | <5.0                    |
| 04/02/98               | 20.40         | 18.26        | 2.14         | --            | --                          | 110 <sup>1</sup>      | 1.2         | <0.5        | <0.5        | <0.5        | 12                      |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(msl)                            | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L)   | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L)          |
|------------------------|---------------|---|--------------|---------------|-----------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------------------|
| <b>B-12 (cont)</b>     |               |   |              |               |                             |                         |             |             |             |             |                         |
| 09/15/98               | 20.40         | 14.07                                   | 6.33         | --            | --                          | 130                     | <0.5        | <0.5        | <0.5        | <0.6        | <10                     |
| 03/09/99               | 20.40         | 17.95                                   | 2.45         | --            | --                          | 1,380                   | <10         | <10         | <10         | <10         | <100                    |
| 09/15/99               | 20.40         | 13.69                                   | 6.71         | --            | --                          | 320                     | <0.5        | <0.5        | <0.5        | 1.1         | <2.5                    |
| 03/01/00               | 20.40         | 17.55                                   | 2.85         | --            | --                          | 206                     | <1.0        | <1.0        | <1.0        | <1.0        | <5.0                    |
| 08/31/00               | 20.40         | 13.90                                   | 6.50         | 0.00          | 0.00                        | <50.0                   | <0.500      | <0.500      | <0.500      | <0.500      | <5.00                   |
| 03/09/01               | 20.40         | INACCESSIBLE - VEHICLE PARKED OVER WELL |              |               |                             |                         |             |             |             |             |                         |
| 09/21/01               | 20.41         | 12.78                                   | 7.63         | 0.00          | 0.00                        | <50                     | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<2 <sup>12</sup>   |
| 08/21/02               | 20.41         | 13.99                                   | 6.42         | 0.00          | 0.00                        | 58                      | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<2 <sup>12</sup>   |
| 03/11/03               | 20.41         | 17.00                                   | 3.41         | 0.00          | 0.00                        | 84                      | <0.50       | <0.50       | <0.50       | <1.5        | <2.5/<0.5 <sup>12</sup> |
| 09/05/03 <sup>13</sup> | 20.41         | 13.48                                   | 6.93         | 0.00          | 0.00                        | <50                     | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/12/04 <sup>13</sup> | 20.41         | 17.68                                   | 2.73         | 0.00          | 0.00                        | 120                     | <0.5        | <0.5        | <0.5        | 1           | <0.5                    |
| 08/30/04 <sup>13</sup> | 20.41         | 12.73                                   | 7.68         | 0.00          | 0.00                        | <50                     | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/04/05 <sup>13</sup> | 20.41         | 18.33                                   | 2.08         | 0.00          | 0.00                        | 86                      | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/01/05               | 20.41         | INACCESSIBLE - VEHICLE PARKED OVER WELL |              |               |                             |                         |             |             |             |             |                         |
| 03/20/06 <sup>13</sup> | 20.41         | 13.76                                   | 6.65         | 0.00          | 0.00                        | <50                     | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/13/06 <sup>13</sup> | 20.41         | 14.26                                   | 6.15         | 0.00          | 0.00                        | 270                     | <0.5        | <0.5        | 11          | <0.5        | <0.5                    |
| 02/26/07 <sup>13</sup> | 20.41         | 17.37                                   | 3.04         | 0.00          | 0.00                        | 100                     | <0.5        | <0.5        | 2           | <0.5        | <0.5                    |
| 09/07/07 <sup>13</sup> | 20.41         | 14.28                                   | 6.13         | 0.00          | 0.00                        | 100                     | <0.5        | <0.5        | 2           | <0.5        | <0.5                    |
| 03/11/08 <sup>13</sup> | 20.41         | 17.44                                   | 2.97         | 0.00          | 0.00                        | 85                      | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/12/08 <sup>13</sup> | 20.41         | 13.17                                   | 7.24         | 0.00          | 0.00                        | <50                     | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/31/09 <sup>13</sup> | 20.41         | 17.78                                   | 2.63         | 0.00          | 0.00                        | <50                     | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/24/09 <sup>13</sup> | 20.41         | 14.49                                   | 5.92         | 0.00          | 0.00                        | <50                     | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 03/17/10 <sup>13</sup> | 20.41         | 18.26                                   | 2.15         | 0.00          | 0.00                        | 98                      | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| 09/27/10               | 20.41         | 14.23                                   | 6.18         | 0.00          | 0.00                        | SAMPLED ANNUALLY        |             | --          | --          | --          | --                      |
| 03/28/11 <sup>13</sup> | 20.41         | 18.30                                   | 2.11         | 0.00          | 0.00                        | 63                      | <0.5        | <0.5        | <0.5        | <0.5        | <0.5                    |
| <b>09/10/11</b>        | <b>20.41</b>  | <b>16.98</b>                            | <b>3.43</b>  | <b>0.00</b>   | <b>0.00</b>                 | <b>SAMPLED ANNUALLY</b> |             | <b>--</b>   | <b>--</b>   | <b>--</b>   | <b>--</b>               |

**TP-1**

|                       |    |    |      |    |    |       |     |     |     |     |    |
|-----------------------|----|----|------|----|----|-------|-----|-----|-----|-----|----|
| 09/09/93              | -- | -- | 7.33 | -- | -- | 8,500 | 770 | 890 | 120 | 590 | -- |
| NOT MONITORED/SAMPLED |    |    |      |    |    |       |     |     |     |     |    |

**TP-2**

|                       |    |    |      |    |    |        |       |       |     |       |    |
|-----------------------|----|----|------|----|----|--------|-------|-------|-----|-------|----|
| 09/09/93              | -- | -- | 6.18 | -- | -- | 13,000 | 2,400 | 3,200 | 380 | 1,900 | -- |
| NOT MONITORED/SAMPLED |    |    |      |    |    |        |       |       |     |       |    |



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE      | TOC*<br>(ft.) | GWE<br>(mst) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L) |
|-----------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|----------------|
| <b>B-2</b>            |               |              |              |               |                             |                       |             |             |             |             |                |
| 03/18/82              | 22.28         | 18.45        | 3.83         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 03/25/82              | 22.28         | 16.49        | 5.79         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 05/21/82              | 22.28         | 17.43        | 4.85         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 05/26/82              | 22.28         | 13.75        | 8.53         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 06/24/82              | 22.28         | 13.88        | 8.40         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 09/09/93              | 22.28         | 15.82        | 6.46         | --            | --                          | 4,700                 | 470         | 630         | 180         | 590         | --             |
| 12/02/93              | 22.28         | 16.87        | 5.41         | --            | --                          | 2,200                 | 59          | 27          | 110         | 350         | --             |
| 03/17/94              | 22.28         | 14.84        | 7.44         | --            | --                          | 1,800                 | 52          | 33          | 97          | 320         | --             |
| 06/10/94              | 22.28         | 14.13        | 8.15         | --            | --                          | 1,200                 | 37          | 48          | 20          | 93          | --             |
| 09/15/94              | 22.28         | 12.28        | 10.00        | --            | --                          | 4,900                 | 710         | 12          | 340         | 450         | --             |
| 12/28/94              | 25.13         | 17.81        | 7.32         | --            | --                          | 2,600                 | 63          | 49          | 56          | 370         | --             |
| 03/09/95 <sup>2</sup> | --            | --           | --           | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 03/09/01 <sup>2</sup> | 25.11         | --           | --           | --            | --                          | --                    | --          | --          | --          | --          | --             |
| NOT MONITORED/SAMPLED |               |              |              |               |                             |                       |             |             |             |             |                |
| <b>B-4</b>            |               |              |              |               |                             |                       |             |             |             |             |                |
| 03/18/82              | 21.35         | 16.70        | 4.65         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 03/25/82              | 21.35         | 16.27        | 5.08         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 05/21/82              | 21.35         | --           | --           | SPH           | --                          | --                    | --          | --          | --          | --          | --             |
| 05/26/82              | 21.35         | 12.14        | 9.21         | --            | --                          | --                    | --          | --          | --          | --          | --             |
| 06/24/82              | 21.35         | 13.13        | 8.22         | SPH           | --                          | --                    | --          | --          | --          | --          | --             |
| 09/09/93              | 21.35         | 15.26        | 6.09         | --            | --                          | 88,000                | 3,200       | 16,000      | 2,000       | 9,500       | --             |
| 12/02/93              | 21.35         | 15.81        | 5.54         | --            | --                          | 110,000               | 3,600       | 25,000      | 2,800       | 15,000      | --             |
| 03/17/94              | 21.35         | 15.35        | 6.00         | --            | --                          | 60,000                | 1,400       | 16,000      | 1,800       | 8,900       | --             |
| 06/10/94              | 21.35         | 14.48        | 6.87         | --            | --                          | 25,000                | 770         | 880         | 190         | 1,100       | --             |
| 09/15/94              | 21.35         | 12.61        | 8.74         | --            | --                          | 3,300                 | 800         | 8.0         | 300         | 350         | --             |
| 12/28/94              | 24.11         | 18.37        | 5.74         | --            | --                          | 17,000                | 400         | 4,000       | 630         | 2,900       | --             |
| 03/29/95 <sup>2</sup> | --            | --           | --           | --            | --                          | --                    | --          | --          | --          | --          | --             |
| DESTROYED             |               |              |              |               |                             |                       |             |             |             |             |                |
| <b>BAILER BLANK</b>   |               |              |              |               |                             |                       |             |             |             |             |                |
| 09/09/93              | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <1.5        | --             |
| 12/02/93              | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 03/17/94              | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | 0.6         | --             |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|----------------|
| <b>TRIP BLANK</b>      |               |              |              |               |                             |                       |             |             |             |             |                |
| 09/09/93               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <1.5        | --             |
| 12/02/93               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 03/17/94               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 06/10/94               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 09/15/94               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 12/28/94               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 03/29/95               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 06/05/95               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 09/21/95               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | --             |
| 12/22/95               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.6           |
| 03/22/96               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0           |
| 09/25/96               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0           |
| 03/06/97               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0           |
| 09/12/97               | --            | --           | --           | --            | --                          | <50                   | <0.5        | 0.55        | <0.5        | <0.5        | <2.5           |
| 04/02/98               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5           |
| 09/15/98               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.6        | <10            |
| 03/09/99               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <5.0           |
| 09/15/99               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | 4.5            |
| 03/01/00               | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <2.5           |
| 08/31/00               | --            | --           | --           | --            | --                          | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | <5.00          |
| 03/09/01               | --            | --           | --           | --            | --                          | <50.0                 | <0.500      | <0.500      | <0.500      | <0.500      | <5.00          |
| 09/21/01               | --            | --           | --           | --            | --                          | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5           |
| <b>QA</b>              |               |              |              |               |                             |                       |             |             |             |             |                |
| 08/21/02               | --            | --           | --           | --            | --                          | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5           |
| 03/11/03               | --            | --           | --           | --            | --                          | <50                   | <0.50       | <0.50       | <0.50       | <1.5        | <2.5           |
| 09/05/03 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 03/12/04 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 08/30/04 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 03/04/05 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 09/01/05 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 03/20/06 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 09/13/06 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 02/26/07 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID/<br>DATE       | TOC*<br>(ft.) | GWE<br>(msl) | DTW<br>(ft.) | SPHT<br>(ft.) | SPH<br>REMOVED<br>(gallons) | TPH-<br>GRO<br>(µg/L) | B<br>(µg/L) | T<br>(µg/L) | E<br>(µg/L) | X<br>(µg/L) | MTBE<br>(µg/L) |
|------------------------|---------------|--------------|--------------|---------------|-----------------------------|-----------------------|-------------|-------------|-------------|-------------|----------------|
| QA (cont)              |               |              |              |               |                             |                       |             |             |             |             |                |
| 09/07/07 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 03/11/08 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 09/12/08 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| 03/31/09 <sup>13</sup> | --            | --           | --           | --            | --                          | <50                   | <0.5        | <0.5        | <0.5        | <0.5        | <0.5           |
| DISCONTINUED           |               |              |              |               |                             |                       |             |             |             |             |                |

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to August 31, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

|   |   |   |
|---|---|---|
| TOC = Top of Casing<br>(ft.) = Feet                   | SPH = Separate Phase Hydrocarbons<br>TPH = Total Petroleum Hydrocarbons | X = Xylenes<br>MTBE = Methyl Tertiary Butyl Ether               |
| GWE = Groundwater Elevation<br>(msl) = Mean sea level | GRO = Gasoline Range Organics<br>B = Benzene                            | (µg/L) = Micrograms per liter<br>-- = Not Measured/Not Analyzed |
| DTW = Depth to Water                                  | T = Toluene<br>E = Ethylbenzene   | QA = Quality Assurance/Trip Blank<br>NP = No Purge              |
| SPHT = Separate Phase Hydrocarbon Thickness           |   |   |

\* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a disc in a monument well in the sidewalk on Broadway, near the southwest corner of the site. (Benchmark Elevation = 24.182 feet, msl).

- 1 Chromatogram pattern indicated an unidentified hydrocarbon.
- 2 Well removed from monitoring program January 11, 1995, per approval of Alameda County Health Services.
- 3 Well analyzed for Semi-Volatile Organics Compounds (SVOCs). All compounds were not detected (ND).
- 4 Confirmation run.
- 5 ORC installed.
- 6 Free product encountered during purge.
- 7 ORC in well.
- 8 Laboratory report indicates gasoline C6-C12.
- 9 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 10 Laboratory report indicates weathered gasoline C6-C12.
- 11 Removed and replaced ORC in well.
- 12 MTBE by EPA Method 8260.
- 13 BTEX and MTBE by EPA Method 8260.
- 14 TOC has been altered; unable to determine GWE.
- 15 Removed ORC from well.
- 16 Insufficient water to determine GWE.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID  | DATE     | ETHANOL<br>(µg/L)                       | TBA<br>(µg/L) | MTBE<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) | TAME<br>(µg/L) | 1,2-DCA<br>(µg/L) | EDB<br>(µg/L) |
|----------|----------|---|---------------|----------------|----------------|----------------|----------------|-------------------|---------------|
| B-1      | 09/21/01 | --                                      | 3,200         | 9,400          | <2             | 21             | 130            | <2                | <2            |
|          | 08/21/02 | --                                      | 1,400         | 6,500          | <3.0           | 16             | 85             | <3.0              | <3.0          |
|          | 03/11/03 | --                                      | 1,800         | 7,400          | <3             | 18             | 100            | <3                | <3            |
|          | 09/05/03 | <500                                    | 1,100         | 4,600          | <5             | 16             | 69             | <5                | <5            |
|          | 03/12/04 | <100                                    | 1,100         | 3,900          | <1             | 15             | 60             | <1                | <1            |
|          | 08/30/04 | <500                                    | 1,000         | 4,500          | <5             | 15             | 63             | <5                | <5            |
|          | 03/04/05 | <50                                     | 2,500         | 450            | <0.5           | 11             | 5              | <0.5              | <0.5          |
|          | 09/01/05 | <50                                     | 1,900         | 260            | <0.5           | 10             | 2              | <0.5              | <0.5          |
|          | 03/20/06 | <50                                     | 1,200         | 27             | <0.5           | 7              | <0.5           | <0.5              | <0.5          |
|          | 09/13/06 | <50                                     | 1,500         | 2              | <0.5           | 5              | <0.5           | <0.5              | <0.5          |
|          | 02/26/07 | INACCESSIBLE - VEHICLE PARKED OVER WELL |               |                |                | --             | --             | --                | --            |
|          | 09/07/07 | <50                                     | 400           | 1              | <0.5           | 3              | <0.5           | <0.5              | <0.5          |
|          | 03/11/08 | <50                                     | 720           | 10             | <0.5           | 7              | <0.5           | <0.5              | <0.5          |
|          | 09/12/08 | <50                                     | 680           | 0.8            | <0.5           | 5              | <0.5           | <0.5              | <0.5          |
|          | 03/31/09 | <50                                     | 300           | 7              | <0.5           | 4              | <0.5           | <0.5              | <0.5          |
|          | 09/24/09 | <50                                     | 560           | 2              | <0.5           | 5              | <0.5           | <0.5              | <0.5          |
|          | 03/17/10 | --                                      | 160           | 2              | <0.5           | 3              | <0.5           | <0.5              | <0.5          |
|          | 09/27/10 | --                                      | 200           | 1              | <0.5           | 2              | <0.5           | <0.5              | <0.5          |
|          | 03/28/11 | --                                      | 4             | 4              | <0.5           | 0.6            | <0.5           | <0.5              | <0.5          |
|          | 09/10/11 | --                                      | 340           | 2              | <0.5           | 3              | <0.5           | <0.5              | <0.5          |
| B-3      | 09/21/01 | UNABLE TO LOCATE - PAVED OVER           |               |                | --             | --             | --             | --                | --            |
|          | 08/21/02 | UNABLE TO LOCATE - PAVED OVER           |               |                | --             | --             | --             | --                | --            |
|          | 03/11/03 | NOT SAMPLED - DUE TO INSUFFICIENT WATER |               |                | --             | --             | --             | --                | --            |
|          | 09/05/03 | <500                                    | 1,200         | 4,900          | <5             | 22             | 64             | <5                | <5            |
|          | 03/12/04 | <100                                    | 580           | 1,800          | <1             | 6              | 29             | <1                | <1            |
|          | 08/30/04 | <500                                    | 1,100         | 5,800          | <5             | 21             | 75             | <5                | <5            |
|          | 03/04/05 | <50                                     | 340           | 370            | <0.5           | 2              | 5              | <0.5              | <0.5          |
|          | 09/01/05 | <100                                    | 1,100         | 1,100          | <1             | 7              | 15             | <1                | <1            |
|          | 03/20/06 | <50                                     | 150           | 76             | <0.5           | 0.6            | 1              | <0.5              | <0.5          |
|          | 09/13/06 | <50                                     | 2,100         | 150            | <0.5           | 8              | 2              | <0.5              | <0.5          |
|          | 02/26/07 | <50                                     | 1,700         | 39             | <0.5           | 4              | 0.9            | <0.5              | <0.5          |
|          | 09/07/07 | <50                                     | 1,800         | 28             | <0.5           | 6              | 0.6            | <0.5              | <0.5          |
|          | 03/11/08 | <50                                     | 370           | 8              | <0.5           | 1              | <0.5           | <0.5              | <0.5          |
|          | 09/12/08 | <50                                     | 3,000         | 8              | <0.5           | 10             | <0.5           | <0.5              | <0.5          |
|          | 03/31/09 | <50                                     | 1,100         | 21             | <0.5           | 4              | 0.7            | <0.5              | <0.5          |
| 09/24/09 | <50      | 2,500                                   | 12            | <0.5           | 8              | <0.5           | <0.5           | <0.5              |               |

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID    | DATE     | ETHANOL<br>(µg/L)                       | TBA<br>(µg/L) | MTBE<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) | TAME<br>(µg/L) | 1,2-DCA<br>(µg/L) | EDB<br>(µg/L) |
|------------|----------|---|---------------|----------------|----------------|----------------|----------------|-------------------|---------------|
| B-3 (cont) | 03/17/10 | --                                      | 130           | 2              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|            | 09/27/10 | --                                      | 1,400         | 10             | <0.5           | 5              | 0.6            | <0.5              | <0.5          |
|            | 03/28/11 | --                                      | 86            | 1              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|            | 09/10/11 | --                                      | 590           | 8              | <0.5           | 2              | <0.5           | <0.5              | <0.5          |
| B-5        | 09/21/01 | --                                      | 210           | 1,600          | <2             | 39             | 25             | <2                | <2            |
|            | 08/21/02 | --                                      | <100          | 320            | <2             | 8              | 4              | <2                | <2            |
|            | 03/11/03 | --                                      | 20            | 620            | <0.5           | 13             | 7              | <0.5              | <0.5          |
|            | 09/05/03 | <50                                     | 11            | 420            | <0.5           | 11             | 5              | <0.5              | <0.5          |
|            | 03/12/04 | <50                                     | <5            | 49             | <0.5           | 1              | 0.6            | <0.5              | <0.5          |
|            | 08/30/04 | <50                                     | <5            | 130            | <0.5           | 4              | 2              | <0.5              | <0.5          |
|            | 03/04/05 | <50                                     | <5            | 22             | <0.5           | 0.6            | <0.5           | <0.5              | <0.5          |
|            | 09/01/05 | <50                                     | <5            | 39             | <0.5           | 1              | 0.6            | <0.5              | <0.5          |
|            | 03/20/06 | <50                                     | <5            | 19             | <0.5           | 0.5            | <0.5           | <0.5              | <0.5          |
|            | 09/13/06 | <50                                     | 13            | 18             | <0.5           | 0.9            | <0.5           | <0.5              | <0.5          |
|            | 02/26/07 | <50                                     | 5             | 12             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|            | 09/07/07 | <50                                     | 98            | 16             | <0.5           | 5              | <0.5           | <0.5              | <0.5          |
|            | 03/11/08 | <50                                     | 7             | 20             | <0.5           | 1              | 0.5            | <0.5              | <0.5          |
|            | 09/12/08 | <50                                     | 12            | 18             | <0.5           | 1              | <0.5           | <0.5              | <0.5          |
|            | 03/31/09 | <50                                     | 10            | 12             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|            | 09/24/09 | <50                                     | 9             | 13             | <0.5           | 1              | <0.5           | <0.5              | <0.5          |
|            | 03/17/10 | --                                      | 3             | 8              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|            | 09/27/10 | --                                      | 7             | 8              | <0.5           | 0.8            | <0.5           | <0.5              | <0.5          |
| 03/28/11   | --       | <2                                      | 4             | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              |               |
| 09/10/11   | --       | 13                                      | 8             | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              |               |
| B-6        | 09/21/01 | DRY                                     | --            | --             | --             | --             | --             | --                | --            |
|            | 08/21/02 | DRY                                     | --            | --             | --             | --             | --             | --                | --            |
|            | 03/11/03 | NOT SAMPLED - DUE TO INSUFFICIENT WATER |               |                | --             | --             | --             | --                | --            |
|            | 09/05/03 | NOT SAMPLED - DUE TO INSUFFICIENT WATER |               |                | --             | --             | --             | --                | --            |
|            | 08/30/04 | DRY                                     | --            | --             | --             | --             | --             | --                | --            |
|            | 03/04/05 | <250                                    | <25           | 2,200          | <3             | 32             | 24             | <3                | <3            |
|            | 09/01/05 | DRY AT 8.93 FEET                        |               |                | --             | --             | --             | --                | --            |
|            | 03/20/06 | <50                                     | <5            | 2,000          | <0.5           | 30             | 23             | <0.5              | <0.5          |
|            | 09/13/06 | OBSTRUCTION IN WELL AT 9.17 FEET        |               |                | --             | --             | --             | --                | --            |
| 02/26/07   | DRY      | --                                      | --            | --             | --             | --             | --             | --                |               |

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID           | DATE            | ETHANOL<br>(µg/L)                       | TBA<br>(µg/L)                             | MTBE<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) | TAME<br>(µg/L) | 1,2-DCA<br>(µg/L) | EDB<br>(µg/L) |  |
|-------------------|-----------------|---|---|----------------|----------------|----------------|----------------|-------------------|---------------|--|
| <b>B-6 (cont)</b> | 09/07/07        | DRY                                     | --  | --             | --             | --             | --             | --                | --            |  |
|                   | 03/11/08        | NOT SAMPLED - DUE TO INSUFFICIENT WATER |   |                |                |                |                |                   |               |  |
|                   | 09/12/08        | DRY                                     | --  | --             | --             | --             | --             | --                | --            |  |
|                   | 03/31/09        | NOT SAMPLED - DUE TO INSUFFICIENT WATER |   |                |                |                |                |                   |               |  |
|                   | 09/24/09        | DRY                                     | --  | --             | --             | --             | --             | --                | --            |  |
|                   | 03/17/10        | --                                      | <2  | 10             | <0.5           | 17             | <0.5           | <0.5              | <0.5          |  |
|                   | 09/27/10        | DRY                                     | --  | --             | --             | --             | --             | --                | --            |  |
|                   | 03/28/11        | --                                      | <2  | 4              | <0.5           | 13             | <0.5           | <0.5              | <0.5          |  |
|                   | <b>09/10/11</b> | <b>DRY</b>                              | --  | --             | --             | --             | --             | --                | --            |  |
| <b>B-7</b>        | 09/21/01        | --                                      | <100                                      | <2             | <2             | <2             | <2             | <2                | <2            |  |
|                   | 08/21/02        | --                                      | <100                                      | 2              | <2             | <2             | <2             | <2                | <2            |  |
|                   | 03/11/03        | --                                      | <5  | 19             | <0.5           | <0.5           | 0.6            | <0.5              | <0.5          |  |
|                   | 09/05/03        | <50                                     | <5  | 3              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 03/12/04        | <50                                     | <5  | 10             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 08/30/04        | <50                                     | <5  | 33             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 03/04/05        | <50                                     | <5  | 10             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 09/01/05        | <50                                     | <5  | 21             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 03/20/06        | <50                                     | <5  | 4              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 09/13/06        | <50                                     | <5  | 29             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 02/26/07        | <50                                     | <2  | 7              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 09/07/07        | <50                                     | <2  | 28             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 03/11/08        | <50                                     | <2  | 15             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 09/12/08        | <50                                     | <2  | 32             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 03/31/09        | <50                                     | <2  | 3              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 09/24/09        | <50                                     | <2  | 18             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 03/17/10        | --                                      | <2  | 2              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
|                   | 09/27/10        | --                                      | <2  | 9              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |  |
| 03/28/11          | --              | <2                                      | 1   | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              |               |  |
| <b>09/10/11</b>   | --              | <2                                      | <b>14</b>                                 | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b>    |               |  |
| <b>B-8</b>        | 09/21/01        | --                                      | UNABLE TO LOCATE - WELL COVERED WITH DIRT |                |                |                | --             | --                | --            |  |
|                   | 08/21/02        | --                                      | <100                                      | 11             | <2             | <2             | <2             | <2                |               |  |
|                   | 03/11/03        | --                                      | <5  | 4              | <0.5           | <0.5           | <0.5           | <0.5              |               |  |
|                   | 09/05/03        | <50                                     | <5  | 9              | <0.5           | <0.5           | <0.5           | <0.5              |               |  |
|                   | 03/12/04        | <50                                     | <5  | 4              | <0.5           | <0.5           | <0.5           | <0.5              |               |  |

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID           | DATE            | ETHANOL<br>(µg/L) | TBA<br>(µg/L)                 | MTBE<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) | TAME<br>(µg/L) | 1,2-DCA<br>(µg/L) | EDB<br>(µg/L) |    |
|-------------------|-----------------|-------------------|-------------------------------|----------------|----------------|----------------|----------------|-------------------|---------------|----|
| <b>B-8 (cont)</b> | 08/30/04        | <50               | <5                            | 10             | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 03/04/05        | <50               | <5                            | 2              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 09/01/05        | <50               | <5                            | 7              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 03/20/06        | <50               | <5                            | 2              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 09/13/06        | <50               | <5                            | 5              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 02/26/07        | <50               | <2                            | 1              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 09/07/07        | <50               | <2                            | 2              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 03/11/08        | <50               | <2                            | 1              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 09/12/08        | <50               | <2                            | 4              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 03/31/09        | <50               | <2                            | 1              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 09/24/09        | <50               | <2                            | 5              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 03/17/10        | --                | <2                            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 09/27/10        | --                | <2                            | 6              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | 03/28/11        | --                | <2                            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|                   | <b>09/10/11</b> | --                | <2                            | 6              | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
| <b>B-9</b>        | 09/21/01        | --                | UNABLE TO LOCATE - PAVED OVER |                |                |                | --             | --                | --            | -- |
|                   | 08/21/02        | --                | <100                          | 37             | <2             | <2             | <2             | <2                | <2            |    |
|                   | 03/11/03        | --                | 91                            | 71             | <0.5           | <0.5           | 1              | <0.5              | <0.5          |    |
|                   | 09/05/03        | <50               | 71                            | 50             | <0.5           | <0.5           | 0.8            | <0.5              | <0.5          |    |
|                   | 03/12/04        | <50               | 86                            | 56             | <0.5           | <0.5           | 0.7            | <0.5              | <0.5          |    |
|                   | 08/30/04        | <50               | 160                           | 70             | <0.5           | <0.5           | 1              | <0.5              | <0.5          |    |
|                   | 03/04/05        | <50               | 130                           | 79             | <0.5           | <0.5           | 1              | <0.5              | <0.5          |    |
|                   | 09/01/05        | <50               | 130                           | 94             | <0.5           | <0.5           | 2              | <0.5              | <0.5          |    |
|                   | 03/20/06        | <50               | 110                           | 77             | <0.5           | <0.5           | 2              | <0.5              | <0.5          |    |
|                   | 09/13/06        | <50               | 130                           | 64             | <0.5           | <0.5           | 1              | <0.5              | <0.5          |    |
|                   | 02/26/07        | <50               | 100                           | 50             | <0.5           | <0.5           | 1              | <0.5              | <0.5          |    |
|                   | 09/07/07        | <50               | 130                           | 27             | <0.5           | <0.5           | 0.5            | <0.5              | <0.5          |    |
|                   | 03/11/08        | <50               | 110                           | 42             | <0.5           | <0.5           | 0.9            | <0.5              | <0.5          |    |
|                   | 09/12/08        | <50               | 110                           | 36             | <0.5           | <0.5           | 0.6            | <0.5              | <0.5          |    |
|                   | 03/31/09        | <50               | 96                            | 33             | <0.5           | <0.5           | 0.6            | <0.5              | <0.5          |    |
|                   | 09/24/09        | <50               | 120                           | 28             | <0.5           | <0.5           | <0.5           | <0.5              | 0.5           |    |
|                   | 03/17/10        | --                | 64                            | 28             | <0.5           | <0.5           | 0.6            | <0.5              | <0.5          |    |
| 09/27/10          | --              | 98                | 33                            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              |               |    |
| 03/28/11          | --              | 99                | 25                            | <0.5           | <0.5           | <0.5           | <0.5           | 0.6               |               |    |
| <b>09/10/11</b>   | --              | <b>100</b>        | <b>33</b>                     | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>0.6</b>     | <b>&lt;0.5</b> | <b>0.6</b>        |               |    |



**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID  | DATE             | ETHANOL<br>(µg/L) | TBA<br>(µg/L) | MTBE<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) | TAME<br>(µg/L) | 1,2-DCA<br>(µg/L) | EDB<br>(µg/L) |
|----------|------------------|-------------------|---------------|----------------|----------------|----------------|----------------|-------------------|---------------|
| B-10     | 09/21/01         | --                | <100          | <2             | <2             | <2             | <2             | <2                | <2            |
|          | 08/21/02         | --                | <100          | <2             | <2             | <2             | <2             | <2                | <2            |
|          | 03/11/03         | --                | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/05/03         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/12/04         | <50               | <5            | 0.5            | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 08/30/04         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/04/05         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/01/05         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/20/06         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/13/06         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 02/26/07         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/07/07         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/11/08         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/12/08         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/31/09         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/24/09         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/17/10         | --                | 3             | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
| 09/27/10 | SAMPLED ANNUALLY |                   | --            | --             | --             | --             | --             | --                |               |
| 03/28/11 | --               | --                | <0.5          | --             | --             | --             | --             | --                |               |
| B-11     | 09/21/01         | --                | <100          | <2             | <2             | <2             | <2             | <2                | <2            |
|          | 08/21/02         | --                | <100          | <2             | <2             | <2             | <2             | <2                | <2            |
|          | 03/11/03         | --                | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/05/03         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/12/04         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 08/30/04         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/04/05         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/01/05         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/20/06         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/13/06         | <50               | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 02/26/07         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/07/07         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 03/11/08         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
|          | 09/12/08         | <50               | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |
| 03/31/09 | <50              | <2                | <0.5          | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              |               |
| 09/24/09 | <50              | <2                | <0.5          | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              |               |

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

| WELL ID     | DATE             | ETHANOL<br>(µg/L)                       | TBA<br>(µg/L) | MTBE<br>(µg/L) | DIPE<br>(µg/L) | ETBE<br>(µg/L) | TAME<br>(µg/L) | 1,2-DCA<br>(µg/L) | EDB<br>(µg/L) |    |
|-------------|------------------|---|---------------|----------------|----------------|----------------|----------------|-------------------|---------------|----|
| B-11 (cont) | 03/17/10         | --                                      | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 09/27/10         | SAMPLED ANNUALLY                        |               | --             | --             | --             | --             | --                | --            |    |
|             | 03/28/11         | --                                      | --            | <0.5           | --             | --             | --             | --                | --            |    |
| B-12        | 09/21/01         | --                                      | <100          | <2             | <2             | <2             | <2             | <2                | <2            |    |
|             | 08/21/02         | --                                      | <100          | <2             | <2             | <2             | <2             | <2                | <2            |    |
|             | 03/11/03         | --                                      | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 09/05/03         | <50                                     | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 03/12/04         | <50                                     | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 08/30/04         | <50                                     | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 03/04/05         | <50                                     | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 09/01/05         | INACCESSIBLE - VEHICLE PARKED OVER WELL |               |                |                |                | --             | --                | --            | -- |
|             | 03/20/06         | <50                                     | <5            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 09/13/06         | <50                                     | 16            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 02/26/07         | <50                                     | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 09/07/07         | <50                                     | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 03/11/08         | <50                                     | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 09/12/08         | <50                                     | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 03/31/09         | <50                                     | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 09/24/09         | <50                                     | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
|             | 03/17/10         | --                                      | <2            | <0.5           | <0.5           | <0.5           | <0.5           | <0.5              | <0.5          |    |
| 09/27/10    | SAMPLED ANNUALLY |   | --            | --             | --             | --             | --             | --                |               |    |
| 03/28/11    | --               | --                                      | <0.5          | --             | --             | --             | --             | --                |               |    |

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

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**EXPLANATIONS:**

TBA = t-Butyl alcohol  
MTBE = Methyl Tertiary Butyl Ether  
DIPE = di-Isopropyl ether  
ETBE = Ethyl t-butyl ether  
TAME = t-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane  
EDB = 1,2-Dibromoethane  
( $\mu\text{g/L}$ ) = Micrograms per liter  
-- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

## STANDARD OPERATING PROCEDURE –WELL DEVELOPMENT GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to well development, each well is monitored for the presence of free-phase hydrocarbons and the depth to water is recorded. Wells are then developed by alternately surging the well with the bailer, then purging the well with a pump to remove accumulated sediments and draw groundwater into the well. Development continues until the groundwater parameters (temperature, pH, and conductivity) have stabilized.

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

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9-10-11 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: B-1  
 Well Diameter: 2 in.  
 Total Depth: 29.04 ft.  
 Depth to Water: 8.86 ft.  
20.18 x VF .17 = 3.43 x3 case volume = Estimated Purge Volume: 100 gal.

Date Monitored: 9.10.11

|             |             |           |           |            |
|-------------|-------------|-----------|-----------|------------|
| 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]: 12.89

### 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): 1130 Weather Conditions: SYNNY  
 Sample Time/Date: 1210 19-10-11 Water Color: CLEAN Odor: Y / (N)  
 Approx. Flow Rate: / gpm. Sediment Description: NONE  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.10

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (°C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|----------------------|-------------|----------|
| <u>1138</u>     | <u>3.5</u>    | <u>6.93</u> | <u>530</u>                   | <u>19.9</u>          |             |          |
| <u>1146</u>     | <u>7.0</u>    | <u>6.90</u> | <u>540</u>                   | <u>20.1</u>          |             |          |
| <u>1155</u>     | <u>10.0</u>   | <u>6.87</u> | <u>551</u>                   | <u>20.9</u>          |             |          |

### LABORATORY INFORMATION

| SAMPLE ID  | (#) CONTAINER       | REFRIG.    | PRESERV. TYPE | LABORATORY       | ANALYSES  |
|------------|---------------------|------------|---------------|------------------|---|
| <u>B-1</u> | <u>x voa vial</u>   | <u>YES</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>                    |
|            | <u>6 x voa vial</u> | <u>YES</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH-GRO(8015)/BTEX+MTBE(8260)/<br/>7 OXYS (8260)</u> |
|            |                     |            |               |                  |   |
|            |                     |            |               |                  |   |
|            |                     |            |               |                  |   |
|            |                     |            |               |                  |   |
|            |                     |            |               |                  |   |

COMMENTS: EMCO 12" OIL

Add/Replaced Lock:  Add/Replaced Plug:  2" Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9.10.11 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: B-3  
 Well Diameter: 2 in.  
 Total Depth: 16.18 ft.  
 Depth to Water: 8.88 ft.  
7.30 xVF .17 = 1.24 x3 case volume = Estimated Purge Volume: 4.0 gal.

Date Monitored: 9.10.11

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.34

### 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: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1300 Weather Conditions: Sunny  
 Sample Time/Date: 1350 / 9.10.11 Water Color: low Odor: D/N SLIGHT  
 Approx. Flow Rate: — gpm. Sediment Description: S. SILTY  
 Did well de-water? Yes If yes, Time: 1304 Volume: 1.5 gal. DTW @ Sampling: 10.29

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (° F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|-------------------|-------------|----------|
| <u>1304</u>     | <u>1.5</u>    | <u>6.91</u> | <u>489</u>                   | <u>20.2</u>       |             |          |
|                 |               |             |                              |                   |             |          |
|                 |               |             |                              |                   |             |          |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER       | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES  |
|-----------|---------------------|---------|---------------|------------|---|
| B-3       | x voa vial          | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)                   |
|           | <u>6</u> x voa vial | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/<br>7 OXYS (8260) |
|           |                     |         |               |            |   |
|           |                     |         |               |            |   |
|           |                     |         |               |            |   |

COMMENTS: BOAR L 8" OIL

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9.10.11 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: B-5  
 Well Diameter: 2 in.  
 Total Depth: 19.53 ft.  
 Depth to Water: 8.73 ft.  
10.80 xVF .17 = 1.83

Date Monitored: 9.10.11

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 5.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.89

### 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: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1045 Weather Conditions: SLUNNY  
 Sample Time/Date: 1112 / 9.10.11 Water Color: CLEAN Odor: 0 / N MODERATE  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: NONE  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.10

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (° / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|---------------------|-------------|----------|
| <u>1050</u>     | <u>20</u>     | <u>6.81</u> | <u>512</u>                   | <u>20.8</u>         | _____       | _____    |
| <u>1055</u>     | <u>40</u>     | <u>6.79</u> | <u>519</u>                   | <u>21.0</u>         | _____       | _____    |
| <u>1100</u>     | <u>55</u>     | <u>6.76</u> | <u>524</u>                   | <u>21.3</u>         | _____       | _____    |

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES  |
|-----------|---------------|---------|---------------|------------|---|
| B-5       | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)                   |
|           | 6 x voa vial  | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/<br>7 OXYS (8260) |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |

COMMENTS: EMCO 12" AL

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9.10.11 (inclusive)  
 City: Oakland, CA Sampler: RF

Well ID: B-6  
 Well Diameter: 2 in.  
 Total Depth: 9.21 ft.  
 Depth to Water: Dry ft.

Date Monitored: 9.10.11

|             |            |          |          |           |
|-------------|------------|----------|----------|-----------|
| 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]: \_\_\_\_\_ 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: \_\_\_\_\_

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: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

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

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

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES  |
|-----------|---------------|---------|---------------|------------|---|
| B-        | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)                   |
|           | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/<br>7 OXYS (8260) |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |

COMMENTS: Dry well

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9-10-11 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: B-7 Date Monitored: 9-10-11  
 Well Diameter: 2 in.  
 Total Depth: 19.12 ft.  
 Depth to Water: 6.96 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]: 9.39  
 $12.14 \times VF .17 = 2.06 \times 3 \text{ case volume} = \text{Estimated Purge Volume: } 6.0 \text{ gal.}$

### 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: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1315 Weather Conditions: Sunny  
 Sample Time/Date: 1340 19-10-11 Water Color: CLEAR Odor: Y10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: None  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 7.15

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (°/ F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|--------------------|-------------|----------|
| <u>1320</u>     | <u>2.0</u>    | <u>7.09</u> | <u>525</u>                   | <u>20.1</u>        |             |          |
| <u>1325</u>     | <u>4.0</u>    | <u>7.05</u> | <u>530</u>                   | <u>20.3</u>        |             |          |
| <u>1330</u>     | <u>6.0</u>    | <u>7.02</u> | <u>536</u>                   | <u>20.5</u>        |             |          |

### LABORATORY INFORMATION

| SAMPLE ID  | (#) CONTAINER       | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES  |
|------------|---------------------|---------|---------------|------------|---|
| <u>B-7</u> | <u>6</u> x voa vial | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)                   |
|            | <u>6</u> x voa vial | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/<br>7 OXYS (8260) |
|            |                     |         |               |            |   |
|            |                     |         |               |            |   |
|            |                     |         |               |            |   |
|            |                     |         |               |            |   |

COMMENTS: EMCO 12" OK

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9.10.11 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: B-8  
 Well Diameter: 2 in.  
 Total Depth: 19.48 ft.  
 Depth to Water: 12.80 ft.

Date Monitored: 9.10.11

|             |             |           |           |            |
|-------------|-------------|-----------|-----------|------------|
| 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.

12.80 xVF .17 = 2.17 x3 case volume = Estimated Purge Volume: 6.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.24

### 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): 1000 Weather Conditions: Sunny  
 Sample Time/Date: 1030 / 9.10.11 Water Color: CLEAR Odor: Y10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: NOTE  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 6.98

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|---------------------|-------------|----------|
| <u>1005</u>     | <u>2.0</u>    | <u>6.92</u> | <u>523</u>                   | <u>20.3</u>         |             |          |
| <u>1010</u>     | <u>4.0</u>    | <u>6.90</u> | <u>527</u>                   | <u>20.4</u>         |             |          |
| <u>1015</u>     | <u>6.5</u>    | <u>6.88</u> | <u>532</u>                   | <u>20.9</u>         |             |          |

### LABORATORY INFORMATION

| SAMPLE ID  | (#) CONTAINER       | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES                                       |
|------------|---------------------|---------|---------------|------------|--|
| <u>B-8</u> | <u>6</u> x voa vial | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTX+MTBE(8260)                   |
|            | <u>6</u> x voa vial | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTX+MTBE(8260)/<br>7 OXYS (8260) |
|            |                     |         |               |            |  |
|            |                     |         |               |            |  |
|            |                     |         |               |            |  |

COMMENTS: Beam L. 8" (1BF)

Add/Replaced Lock: / Add/Replaced Plug: / 2" Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9.10.11 (inclusive)  
 City: Oakland, CA Sampler: FT

Well ID: B-9  
 Well Diameter: 2 in.  
 Total Depth: 17.20 ft.  
 Depth to Water: 8.71 ft.  
8.49 xVF = 1.44

Date Monitored: 9.10.11

|             |            |          |          |           |
|-------------|------------|----------|----------|-----------|
| 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]: 10.40  
 x3 case volume = Estimated Purge Volume: 4.0 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): 1225 Weather Conditions: SUNNY  
 Sample Time/Date: 1244 19.10.11 Water Color: CLEAN Odor: DN / SLIGHT  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: NONE  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.00

| Time (2400 hr.) | Volume (gal.) | pH          | Conductivity (µmhos/cm - µS) | Temperature (°/ F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|--------------------|-------------|----------|
| <u>1228</u>     | <u>1.5</u>    | <u>6.85</u> | <u>520</u>                   | <u>21.5</u>        |             |          |
| <u>1231</u>     | <u>3.0</u>    | <u>6.83</u> | <u>526</u>                   | <u>21.6</u>        |             |          |
| <u>1234</u>     | <u>4.0</u>    | <u>6.81</u> | <u>531</u>                   | <u>21.7</u>        |             |          |

### LABORATORY INFORMATION

| SAMPLE ID  | (#) CONTAINER       | REFRIG.    | PRESERV. TYPE | LABORATORY       | ANALYSES  |
|------------|---------------------|------------|---------------|------------------|---|
| <u>B-9</u> | <u>x voa vial</u>   | <u>YES</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>                    |
|            | <u>6 x voa vial</u> | <u>YES</u> | <u>HCL</u>    | <u>LANCASTER</u> | <u>TPH-GRO(8015)/BTEX+MTBE(8260)/<br/>7 OXYS (8260)</u> |
|            |                     |            |               |                  |   |
|            |                     |            |               |                  |   |
|            |                     |            |               |                  |   |
|            |                     |            |               |                  |   |

### COMMENTS:

BEAM L. 8" OK

Add/Replaced Lock:  Add/Replaced Plug:  (2") Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9-10-11 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: B-10  
 Well Diameter: 2 in.  
 Total Depth: 18.67 ft.  
 Depth to Water: 10.91 ft.  
7.76 xVF = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 9-10-11

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

Check if water column is less than 0.50 ft.

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

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

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

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES  |
|-----------|---------------|---------|---------------|------------|---|
| B-        | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)                   |
|           | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/<br>7 OXYS (8260) |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |

COMMENTS: M/O

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_

Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9.10.11 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: B-11  
 Well Diameter: 2 in.  
 Total Depth: 18.98 ft.  
 Depth to Water: 9.13 ft.  
9.85 xVF = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 9.10.11

|             |            |          |          |           |
|-------------|------------|----------|----------|-----------|
| 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]: \_\_\_\_\_

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

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

### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES  |
|-----------|---------------|---------|---------------|------------|---|
| B-        | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)                   |
|           | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/<br>7 OXYS (8260) |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |

COMMENTS: M/D

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 9.10.11 (inclusive)  
 City: Oakland, CA Sampler: FR

Well ID: B-12  
 Well Diameter: 2 in.  
 Total Depth: 18.27 ft.  
 Depth to Water: 3.43 ft.  
14.84 xVF = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 9.10.11

|             |            |          |          |           |
|-------------|------------|----------|----------|-----------|
| 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]: \_\_\_\_\_

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

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

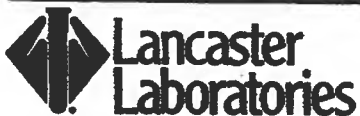
### LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES  |
|-----------|---------------|---------|---------------|------------|---|
| B-        | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)                   |
|           | x voa vial    | YES     | HCL           | LANCASTER  | TPH-GRO(8015)/BTEX+MTBE(8260)/<br>7 OXYS (8260) |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |
|           |               |         |               |            |   |

COMMENTS: M10

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

# Chevron California Region Analysis Request/Chain of Custody



091411 - 03

Acct. #: 12099 For Lancaster Laboratories use only

Sample # 6406254-59

Group #: 007959

CRA MTI Project #: 61H-1962

C# 1266455

| Facility #: 55#9-2306 G-R#385203 Global ID#T0000101812<br>2630 BROADWAY, OAKLAND, CA  |  |                | Matrix: <input type="checkbox"/> Potable <input type="checkbox"/> NPDES<br><input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air |      | <b>Analyses Requested</b>   |      |       |     | Preservation Codes: H H H H   |                  | <b>Preservative Codes</b><br>H = HCl T = Thiosulfate<br>N = HNO <sub>3</sub> B = NaOH<br>S = H <sub>2</sub> SO <sub>4</sub> O = Other |                  |                |                   |                   |                       |                    |
|---|--|----------------|---|------|---|------|-------|-----|---|------------------|---|------------------|----------------|-------------------|-------------------|-----------------------|--------------------|
| Site Address: MTI<br>Chevron PM: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568<br>Lead Consultant: CRAKJ Kiernan<br>Consultant/Office: Deanna L. Harding (deanna@grinc.com)<br>Consultant Prj. Mgr.: 925-551-7555<br>Consultant Phone #: 925-551-7555 Fax #: 925-551-7899 |  |                | Total Number of Containers:   |      | BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/><br>TPH 8015 MOD GRO <input type="checkbox"/><br>TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup<br>8260 full scan <input type="checkbox"/> Oxygenates (8260) <input checked="" type="checkbox"/> |      |       |     | <input type="checkbox"/> J value reporting needed<br><input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds<br><input type="checkbox"/> 8021 MTBE Confirmation<br><input type="checkbox"/> Confirm highest hit by 8260<br><input type="checkbox"/> Confirm all hits by 8260<br><input type="checkbox"/> Run ___ oxy's on highest hit<br><input type="checkbox"/> Run ___ oxy's on all hits |                  |   |                  |                |                   |                   |                       |                    |
| Sampler: <u>FLANK Tsumwoni</u>  |  |                |   |      |   |      |       |     |   |                  |   |                  |                |                   |                   |                       |                    |
| Sample Identification   |  | Date Collected | Time Collected  | Grab | Composite   | Soil | Water | Oil | Total Number of Containers  | BTEX + MTBE 8260 | TPH 8015 MOD GRO  | TPH 8015 MOD DRO | 8260 full scan | Oxygenates (8260) | Total Lead Method | Dissolved Lead Method | Comments / Remarks |
|   |  | 9.10.11        |   |      |   |      |       |     |   |                  |   |                  |                |                   |                   |                       |                    |
| B-1   |  |                | 1210  | X    |   |      |       |     | 6   | X                | X   | X                | X              | X                 |                   |                       |                    |
| B-3   |  |                | 1350  | X    |   |      |       |     | 6   | X                | X   | X                | X              | X                 |                   |                       |                    |
| B-5   |  |                | 1112  | X    |   |      |       |     | 6   | X                | X   | X                | X              | X                 |                   |                       |                    |
| B-7   |  |                | 1340  | X    |   |      |       |     | 6   | X                | X   | X                | X              | X                 |                   |                       |                    |
| B-8   |  |                | 1030  | X    |   |      |       |     | 6   | X                | X   | X                | X              | X                 |                   |                       |                    |
| B-9   |  |                | 1244  | X    |   |      |       |     | 6   | X                | X   | X                | X              | X                 |                   |                       |                    |

|  |  |  |   |  |   |  |
|--|--|--|---|--|---|--|
| <b>Turnaround Time Requested (TAT) (please circle)</b><br>STD TAT 72 hour 48 hour<br>24 hour 4 day 5 day   |  |  | Relinquished by: <u>[Signature]</u> Date: 9.10.11 Time: 1530                            |  | Received by: <u>GETTLER - RYADFRIDGE</u> Date: 09-12-11 Time: 10:00                       |  |
| <b>Data Package Options (please circle if required) EDF/EDD</b><br>QC Summary Type I - Full<br>Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed<br>WIP (RWQCB)<br>Disk |  |  | Relinquished by: <u>[Signature]</u> Date: 09-14-11 Time: 1200                           |  | Received by: <u>[Signature]</u> Date: 9-14-11 Time: 1200                                  |  |
|  |  |  | Relinquished by: <u>[Signature]</u> Date: 9/14/11 Time: 1630                            |  | Received by: <u>FE</u> Date: Date: Time:  |  |
|  |  |  | Relinquished by Commercial Carrier: UPS <input checked="" type="checkbox"/> FedEx Other |  | Received by: <u>Buanchy Baudry</u> Date: 9/14/11 Time: 920                                |  |
|  |  |  | Temperature Upon Receipt: 1.7 - 3.1 °C  |  | Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |



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

# Analysis Report

## ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron c/o CRA  
Suite 107  
10969 Trade Center Dr  
Rancho Cordova CA 95670

September 26, 2011

Project: 92506

Submittal Date: 09/15/2011  
Group Number: 1266455  
PO Number: 92506  
Release Number: MTI  
State of Sample Origin: CA

RECEIVED

SEP 27 2011

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

Client Sample Description

B-1-W-110910 Grab Water  
B-3-W-110910 Grab Water  
B-5-W-110910 Grab Water  
B-7-W-110910 Grab Water  
B-8-W-110910 Grab Water  
B-9-W-110910 Grab Water

Lancaster Labs (LLI) #

6406254  
6406255  
6406256  
6406257  
6406258  
6406259

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

ELECTRONIC COPY TO Gettler-Ryan, Inc.  
ELECTRONIC COPY TO Chevron c/o CRA  
ELECTRONIC COPY TO Chevron

Attn: Rachelle Munoz

Attn: Report Contact

Attn: Anna Avina





## ***Analysis Report***

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

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

Respectfully Submitted,

A handwritten signature in black ink that reads "Marla S. Lord".

**Marla S. Lord**  
**Senior Specialist**



# Analysis Report

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

Sample Description: B-1-W-110910 Grab Water

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-1

LLI Sample # WW 6406254  
LLI Group # 1266455  
Account # 12099

Project Name: 92506

Collected: 09/10/2011 12:10 by FT

Chevron c/o CRA  
Suite 107

Submitted: 09/15/2011 09:20

10969 Trade Center Dr  
Rancho Cordova CA 95670

Reported: 09/26/2011 02:48

BRO01

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            | ug/l               | ug/l                               |                 |
| 10943                               | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.5                                | 1               |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 10943                               | t-Butyl alcohol             | 75-65-0    | 340                | 2                                  | 1               |
| 10943                               | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.5                                | 1               |
| 10943                               | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | 1               |
| 10943                               | Ethyl t-butyl ether         | 637-92-3   | 3                  | 0.5                                | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 10943                               | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 2                  | 0.5                                | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            | ug/l               | ug/l                               |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst             | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 10943   | BTEX+5 Oxys+EDC+EDB Water  | SW-846 8260B | 1      | D112621AA | 09/19/2011 19:46       | Daniel H Heller     | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | D112621AA | 09/19/2011 19:46       | Daniel H Heller     | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 11262A07A | 09/20/2011 13:27       | Catherine J Schwarz | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 11262A07A | 09/20/2011 13:27       | Catherine J Schwarz | 1               |

**Sample Description: B-3-W-110910 Grab Water**
**Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-3**
**LLI Sample # WW 6406255**
**LLI Group # 1266455**
**Account # 12099**
**Project Name: 92506**

Collected: 09/10/2011 13:50 by FT

Chevron c/o CRA

Suite 107

Submitted: 09/15/2011 09:20

10969 Trade Center Dr

Reported: 09/26/2011 02:48

Rancho Cordova CA 95670

BRO03

| CAT No.                | Analysis Name               | CAS Number          | As Received Result | As Received Method Detection Limit | Dilution Factor |
|------------------------|-----------------------------|---------------------|--------------------|------------------------------------|-----------------|
| <b>GC/MS Volatiles</b> |                             | <b>SW-846 8260B</b> | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 10943                  | t-Amyl methyl ether         | 994-05-8            | N.D.               | 0.5                                | 1               |
| 10943                  | Benzene                     | 71-43-2             | N.D.               | 0.5                                | 1               |
| 10943                  | t-Butyl alcohol             | 75-65-0             | 590                | 2                                  | 1               |
| 10943                  | 1,2-Dibromoethane           | 106-93-4            | N.D.               | 0.5                                | 1               |
| 10943                  | 1,2-Dichloroethane          | 107-06-2            | N.D.               | 0.5                                | 1               |
| 10943                  | Ethyl t-butyl ether         | 637-92-3            | 2                  | 0.5                                | 1               |
| 10943                  | Ethylbenzene                | 100-41-4            | N.D.               | 0.5                                | 1               |
| 10943                  | di-Isopropyl ether          | 108-20-3            | N.D.               | 0.5                                | 1               |
| 10943                  | Methyl Tertiary Butyl Ether | 1634-04-4           | 8                  | 0.5                                | 1               |
| 10943                  | Toluene                     | 108-88-3            | 0.8                | 0.5                                | 1               |
| 10943                  | Xylene (Total)              | 1330-20-7           | 1                  | 0.5                                | 1               |
| <b>GC Volatiles</b>    |                             | <b>SW-846 8015B</b> | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 01728                  | TPH-GRO N. CA water C6-C12  | n.a.                | 320                | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2501

Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst             | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 10943   | BTEX+5 Oxys+EDC+EDB Water  | SW-846 8260B | 1      | D112621AA | 09/19/2011 20:09       | Daniel H Heller     | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | D112621AA | 09/19/2011 20:09       | Daniel H Heller     | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 11262A07A | 09/20/2011 13:53       | Catherine J Schwarz | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 11262A07A | 09/20/2011 13:53       | Catherine J Schwarz | 1               |



# Analysis Report

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

Page 1 of 1

**Sample Description:** B-5-W-110910 Grab Water  
**Facility#** 92506 **Job#** 385203 **MTI#** 61H-1962 GRD  
 2630 Broadway-Oakland T0600101812 B-5

**LLI Sample #** WW 6406256  
**LLI Group #** 1266455  
**Account #** 12099

**Project Name:** 92506

Collected: 09/10/2011 11:12 by FT Chevron c/o CRA  
 Suite 107  
 Submitted: 09/15/2011 09:20 10969 Trade Center Dr  
 Reported: 09/26/2011 02:48 Rancho Cordova CA 95670

BRO05

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            | ug/l               | ug/l                               |                 |
| 10943                               | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.5                                | 1               |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 10943                               | t-Butyl alcohol             | 75-65-0    | 13                 | 2                                  | 1               |
| 10943                               | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.5                                | 1               |
| 10943                               | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | 1               |
| 10943                               | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 10943                               | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 8                  | 0.5                                | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            | ug/l               | ug/l                               |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | 430                | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2501  
 Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst             | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 10943   | BTEX+5 Oxys+EDC+EDB Water  | SW-846 8260B | 1      | D112621AA | 09/19/2011 20:32       | Daniel H Heller     | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | D112621AA | 09/19/2011 20:32       | Daniel H Heller     | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 11262A07A | 09/20/2011 14:19       | Catherine J Schwarz | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 11262A07A | 09/20/2011 14:19       | Catherine J Schwarz | 1               |



# Analysis Report

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Page 1 of 1

Sample Description: B-7-W-110910 Grab Water

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-7

LLI Sample # WW 6406257  
LLI Group # 1266455  
Account # 12099

Project Name: 92506

Collected: 09/10/2011 13:40 by FT

Chevron c/o CRA

Submitted: 09/15/2011 09:20

Suite 107

Reported: 09/26/2011 02:48

10969 Trade Center Dr  
Rancho Cordova CA 95670

BRO07

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            | ug/l               | ug/l                               |                 |
| 10943                               | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.5                                | 1               |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 10943                               | t-Butyl alcohol             | 75-65-0    | N.D.               | 2                                  | 1               |
| 10943                               | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.5                                | 1               |
| 10943                               | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | 1               |
| 10943                               | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 10943                               | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 14                 | 0.5                                | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            | ug/l               | ug/l                               |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst             | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 10943   | BTEX+5 Oxys+EDC+EDB Water  | SW-846 8260B | 1      | D112621AA | 09/19/2011 20:54       | Daniel H Heller     | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | D112621AA | 09/19/2011 20:54       | Daniel H Heller     | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 11262A07A | 09/20/2011 14:44       | Catherine J Schwarz | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 11262A07A | 09/20/2011 14:44       | Catherine J Schwarz | 1               |

**Sample Description:** B-8-W-110910 Grab Water  
**Facility#** 92506 **Job#** 385203 **MTI#** 61H-1962 GRD  
 2630 Broadway-Oakland T0600101812 B-8

**LLI Sample #** WW 6406258  
**LLI Group #** 1266455  
**Account #** 12099

**Project Name:** 92506

Collected: 09/10/2011 10:30 by FT Chevron c/o CRA  
Suite 107  
 Submitted: 09/15/2011 09:20 10969 Trade Center Dr  
 Reported: 09/26/2011 02:48 Rancho Cordova CA 95670

BRO08

| CAT No.                | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|------------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>GC/MS Volatiles</b> |                             |            | <b>ug/l</b>        | <b>ug/l</b>                        |                 |
| 10943                  | t-Amyl methyl ether         | 994-05-8   | N.D.               | 0.5                                | 1               |
| 10943                  | Benzene                     | 71-43-2    | N.D.               | 0.5                                | 1               |
| 10943                  | t-Butyl alcohol             | 75-65-0    | N.D.               | 2                                  | 1               |
| 10943                  | 1,2-Dibromoethane           | 106-93-4   | N.D.               | 0.5                                | 1               |
| 10943                  | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | 1               |
| 10943                  | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                | 1               |
| 10943                  | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                | 1               |
| 10943                  | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | 1               |
| 10943                  | Methyl Tertiary Butyl Ether | 1634-04-4  | 6                  | 0.5                                | 1               |
| 10943                  | Toluene                     | 108-88-3   | N.D.               | 0.5                                | 1               |
| 10943                  | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                | 1               |
| <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. 2501  
 Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst             | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 10943   | BTEX+5 Oxys+EDC+EDB Water  | SW-846 8260B | 1      | D112621AA | 09/19/2011 21:17       | Daniel H Heller     | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | D112621AA | 09/19/2011 21:17       | Daniel H Heller     | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 11262A07A | 09/20/2011 15:10       | Catherine J Schwarz | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 11262A07A | 09/20/2011 15:10       | Catherine J Schwarz | 1               |



# Analysis Report

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

Page 1 of 1

Sample Description: B-9-W-110910 Grab Water

Facility# 92506 Job# 385203 MTI# 61H-1962 GRD  
2630 Broadway-Oakland T0600101812 B-9

LLI Sample # WW 6406259  
LLI Group # 1266455  
Account # 12099

Project Name: 92506

Collected: 09/10/2011 12:44 by FT

Chevron c/o CRA

Suite 107

Submitted: 09/15/2011 09:20

10969 Trade Center Dr

Reported: 09/26/2011 02:48

Rancho Cordova CA 95670

BRO09

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|------------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            | ug/l               | ug/l                               |                 |
| 10943                               | t-Amyl methyl ether         | 994-05-8   | 0.6                | 0.5                                | 1               |
| 10943                               | Benzene                     | 71-43-2    | 6                  | 0.5                                | 1               |
| 10943                               | t-Butyl alcohol             | 75-65-0    | 100                | 2                                  | 1               |
| 10943                               | 1,2-Dibromoethane           | 106-93-4   | 0.6                | 0.5                                | 1               |
| 10943                               | 1,2-Dichloroethane          | 107-06-2   | N.D.               | 0.5                                | 1               |
| 10943                               | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | 2                  | 0.5                                | 1               |
| 10943                               | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 33                 | 0.5                                | 1               |
| 10943                               | Toluene                     | 108-88-3   | 4                  | 0.5                                | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | 4                  | 0.5                                | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            | ug/l               | ug/l                               |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | 2,700              | 50                                 | 1               |

### General Sample Comments

State of California Lab Certification No. 2501

Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst             | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 10943   | BTEX+5 Oxys+EDC+EDB Water  | SW-846 8260B | 1      | D112621AA | 09/19/2011 21:40       | Daniel H Heller     | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | D112621AA | 09/19/2011 21:40       | Daniel H Heller     | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 11262A07A | 09/20/2011 15:36       | Catherine J Schwarz | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 11262A07A | 09/20/2011 15:36       | Catherine J Schwarz | 1               |

## Quality Control Summary

 Client Name: Chevron c/o CRA  
 Reported: 09/26/11 at 02:48 AM

Group Number: 1266455

Matrix QC may not be reported if insufficient sample or 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: D112621AA     | Sample number(s): 6406254-6406259 |                  |                     |                 |                  |                        |            |                |
| t-Amyl methyl ether         | N.D.                              | 0.5              | ug/l                | 88              |                  | 77-120                 |            |                |
| Benzene                     | N.D.                              | 0.5              | ug/l                | 99              |                  | 79-120                 |            |                |
| t-Butyl alcohol             | N.D.                              | 2.               | ug/l                | 97              |                  | 62-129                 |            |                |
| 1,2-Dibromoethane           | N.D.                              | 0.5              | ug/l                | 95              |                  | 80-120                 |            |                |
| 1,2-Dichloroethane          | N.D.                              | 0.5              | ug/l                | 99              |                  | 70-130                 |            |                |
| Ethyl t-butyl ether         | N.D.                              | 0.5              | ug/l                | 97              |                  | 76-120                 |            |                |
| Ethylbenzene                | N.D.                              | 0.5              | ug/l                | 98              |                  | 79-120                 |            |                |
| di-Isopropyl ether          | N.D.                              | 0.5              | ug/l                | 100             |                  | 71-124                 |            |                |
| Methyl Tertiary Butyl Ether | N.D.                              | 0.5              | ug/l                | 96              |                  | 76-120                 |            |                |
| Toluene                     | N.D.                              | 0.5              | ug/l                | 98              |                  | 79-120                 |            |                |
| Xylene (Total)              | N.D.                              | 0.5              | ug/l                | 98              |                  | 80-120                 |            |                |
| Batch number: 11262A07A     | Sample number(s): 6406254-6406259 |                  |                     |                 |                  |                        |            |                |
| TPH-GRO N. CA water C6-C12  | N.D.                              | 50.              | ug/l                | 109             | 109              | 75-135                 | 0          | 30             |

### Sample Matrix Quality Control

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

| <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: D112621AA     | Sample number(s): 6406254-6406259 UNSPK: P406253 |                 |                      |            |                |                 |                 |                |                    |
| t-Amyl methyl ether         | 85   | 92              | 75-122               | 8          | 30             |                 |                 |                |                    |
| Benzene                     | 97   | 104             | 80-126               | 7          | 30             |                 |                 |                |                    |
| t-Butyl alcohol             | 88   | 95              | 67-119               | 7          | 30             |                 |                 |                |                    |
| 1,2-Dibromoethane           | 93   | 98              | 77-116               | 6          | 30             |                 |                 |                |                    |
| 1,2-Dichloroethane          | 93   | 99              | 66-141               | 7          | 30             |                 |                 |                |                    |
| Ethyl t-butyl ether         | 91   | 99              | 74-122               | 8          | 30             |                 |                 |                |                    |
| Ethylbenzene                | 102  | 110             | 71-134               | 7          | 30             |                 |                 |                |                    |
| di-Isopropyl ether          | 95   | 101             | 70-129               | 7          | 30             |                 |                 |                |                    |
| Methyl Tertiary Butyl Ether | 88   | 94              | 72-126               | 7          | 30             |                 |                 |                |                    |
| Toluene                     | 100  | 104             | 80-125               | 4          | 30             |                 |                 |                |                    |
| Xylene (Total)              | 97   | 104             | 79-125               | 7          | 30             |                 |                 |                |                    |

### Surrogate Quality Control

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

\*- Outside of specification

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



## Quality Control Summary

Client Name: Chevron c/o CRA  
Reported: 09/26/11 at 02:48 AM

Group Number: 1266455

### Surrogate Quality Control

Analysis Name: UST VOCs by 8260B - Water  
Batch number: D112621AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 6406254 | 98                   | 98                    | 100        | 98                   |
| 6406255 | 97                   | 95                    | 102        | 101                  |
| 6406256 | 96                   | 98                    | 102        | 102                  |
| 6406257 | 101                  | 102                   | 101        | 95                   |
| 6406258 | 98                   | 99                    | 100        | 97                   |
| 6406259 | 96                   | 97                    | 108        | 98                   |
| Blank   | 100                  | 98                    | 100        | 98                   |
| LCS     | 99                   | 98                    | 100        | 103                  |
| MS      | 97                   | 99                    | 102        | 95                   |
| MSD     | 98                   | 97                    | 102        | 95                   |
| Limits: | 80-116               | 77-113                | 80-113     | 78-113               |

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 11262A07A  
Trifluorotoluene-F

|         |        |
|---------|--------|
| 6406254 | 101    |
| 6406255 | 108    |
| 6406256 | 104    |
| 6406257 | 101    |
| 6406258 | 100    |
| 6406259 | 134    |
| Blank   | 103    |
| LCS     | 111    |
| LCSD    | 110    |
| Limits: | 63-135 |

\*- Outside of specification

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

# Explanation of Symbols and Abbreviations

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

|                         |  |                 |                                  |
|-------------------------|--|-----------------|----------------------------------|
| <b>RL</b>               | Reporting Limit  | <b>BMQL</b>     | Below Minimum Quantitation Level |
| <b>N.D.</b>             | none detected  | <b>MPN</b>      | Most Probable Number             |
| <b>TNTC</b>             | Too Numerous To Count  | <b>CP Units</b> | cobalt-chloroplatinate units     |
| <b>IU</b>               | International Units  | <b>NTU</b>      | nephelometric turbidity units    |
| <b>umhos/cm</b>         | micromhos/cm   | <b>ng</b>       | nanogram(s)                      |
| <b>C</b>                | degrees Celsius  | <b>F</b>        | degrees Fahrenheit               |
| <b>meq</b>              | milliequivalents   | <b>lb.</b>      | pound(s)                         |
| <b>g</b>                | gram(s)  | <b>kg</b>       | kilogram(s)                      |
| <b>ug</b>               | microgram(s)   | <b>mg</b>       | milligram(s)                     |
| <b>ml</b>               | milliliter(s)  | <b>l</b>        | liter(s)                         |
| <b>m3</b>               | cubic meter(s)   | <b>ul</b>       | microliter(s)                    |
| <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>J</b>                | estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).   |                 |                                  |
| <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. All other results are reported on an as-received basis.   |                 |                                  |

## U.S. EPA CLP Data Qualifiers:

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

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

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

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

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