



**Catalina Espino  
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Project Manager  
Marketing Business Unit

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

Re: Chevron Service Station No. 9-4800  
1700 Castro Street  
Oakland, CA

**RECEIVED**

*2:15 pm, Aug 01, 2012*

Alameda County  
Environmental Health

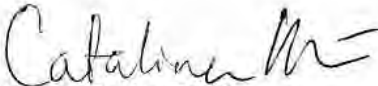
I have reviewed the attached report dated July 18, 2012.

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 to the best of my knowledge.

Sincerely,

  
Catalina Espino Devine  
Project Manager

Attachment: Report



**CONESTOGA-ROVERS  
& ASSOCIATES**

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

July 18, 2012

Reference No. 060061

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

Re: First Semi-Annual 2012  
Groundwater Monitoring and Sampling Report  
Chevron Service Station 94800  
1700 Castro Street  
Oakland, California  
Fuel Leak Case No. RO0000342

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Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *First Semi-Annual 2012 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (Chevron). Groundwater monitoring and sampling was performed by Blaine Tech Services (Blaine Tech) of San Jose, California. Blaine Tech's *Second Quarter 2012 Monitoring* report is included as Attachment A. Groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' *Analytical Results* is included as Attachment B.

### **RESULTS OF FIRST SEMI-ANNUAL EVENT**

Blaine Tech monitored and sampled the site wells per the established schedule. Results of the current monitoring event indicate the following:

- Groundwater Flow Direction West
- Hydraulic Gradient 0.01
- Approximate Depth to Water 24 to 27 feet below grade

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July 18, 2012

Reference No. 060061

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Results of the current sampling event are presented below in Table A.

| <b>TABLE A: GROUNDWATER ANALYTICAL DATA</b> |  |                        |                           |                           |                                |                                     |                        |
|---|--|------------------------|---------------------------|---------------------------|--------------------------------|-------------------------------------|------------------------|
| <i>Well ID</i>                              | <i>TPHd<br/>(µg/L)</i>   | <i>TPHg<br/>(µg/L)</i> | <i>Benzene<br/>(µg/L)</i> | <i>Toluene<br/>(µg/L)</i> | <i>Ethylbenzene<br/>(µg/L)</i> | <i>Total<br/>Xylenes<br/>(µg/L)</i> | <i>MTBE<br/>(µg/L)</i> |
| <b>Groundwater<br/>ESLs</b>                 | <b>100</b>   | <b>100</b>             | <b>1.0</b>                | <b>40</b>                 | <b>30</b>                      | <b>20</b>                           | <b>5</b>               |
| MW-1  | <50  | <50                    | <0.5                      | <0.5                      | <0.5                           | <0.5                                | <b>23</b>              |
| MW-2  | 78 J   | 75 J                   | <0.5                      | <0.5                      | <0.5                           | <0.5                                | <b>4</b>               |
| MW-3  | <50  | <50                    | 1                         | <0.5                      | <0.5                           | 1                                   | <b>18</b>              |
| MW-4  | <b>140</b>   | <50                    | <0.5                      | <0.5                      | <0.5                           | <0.5                                | <b>17</b>              |
| MW-7  | 81 J   | <b>240</b>             | <3                        | <3                        | <3                             | <3                                  | <b>10,000</b>          |
| ESL   | Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Prepared by California Regional Water Quality Control Board San Francisco Bay Region, Interim Final - November 2007, (Revised May 2008), Table F-1a-Groundwater Screening Levels-Current or Potential Drinking Water Resource. |                        |                           |                           |                                |                                     |                        |
| µg/L  | Micrograms per Liter   |                        |                           |                           |                                |                                     |                        |
| J   | Estimated Value (the result is ≥the Method Detection Limit and < the Limit of Quantitation)  |                        |                           |                           |                                |                                     |                        |

## CONCLUSIONS AND RECOMMENDATIONS

The first semi-annual 2012 sampling event results indicate:

- All dissolved hydrocarbon concentrations in groundwater in all wells were below historical maximums or not detected.

## ANTICIPATED FUTURE ACTIVITIES

### *Groundwater Monitoring*

Blaine Tech will monitor and sample site wells per the established schedule. CRA will prepare and submit the sampling results within 60 days of the sampling date.



**CONESTOGA-ROVERS  
& ASSOCIATES**

July 18, 2012

Reference No. 060061

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Please contact Nathan Lee at (510) 420-3333 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES



Nathan Lee, PG 8486

BW/cw/9

Encl.

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

cc: Ms. Catalina Espino Devine, Chevron (electronic only)

## FIGURES

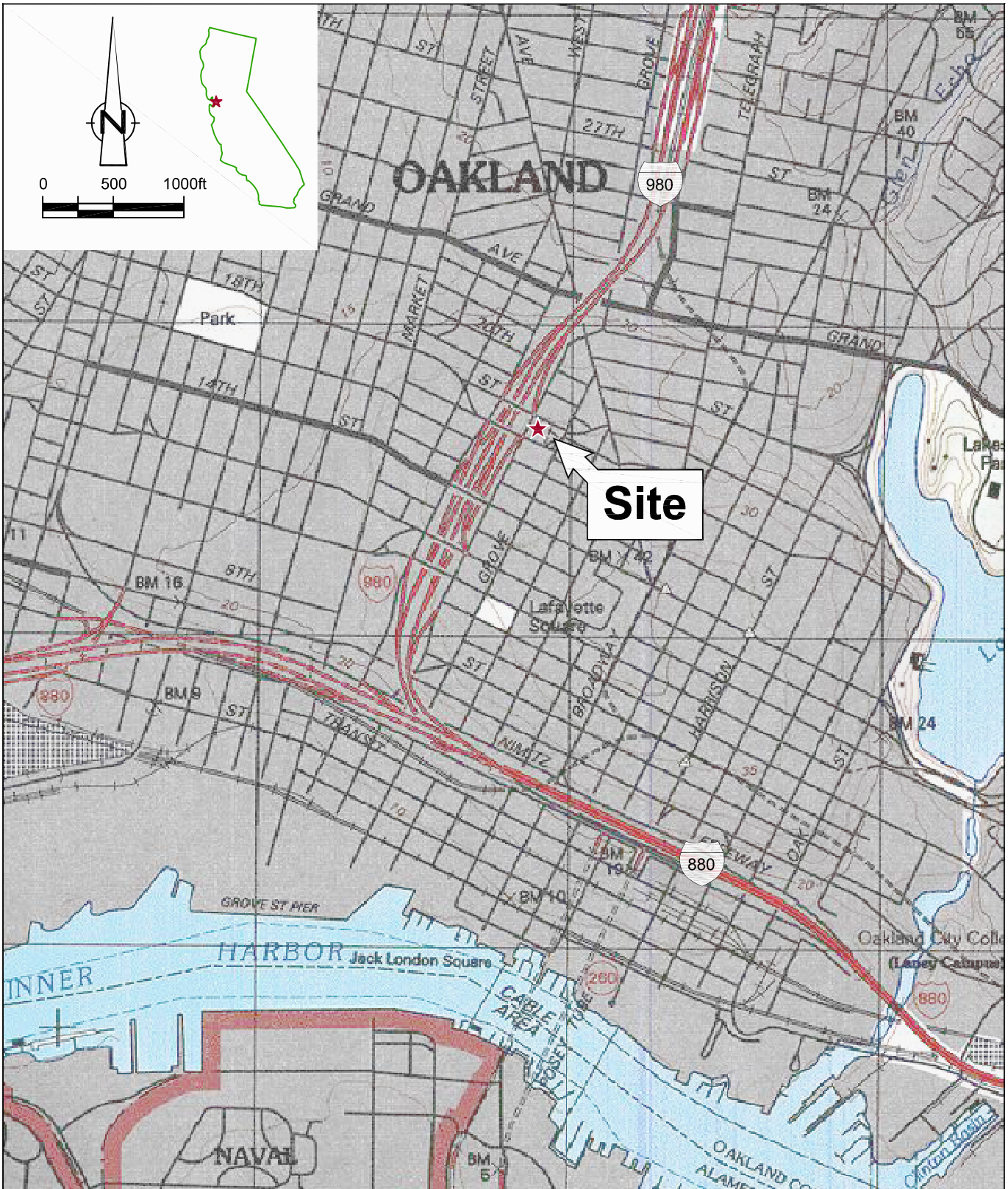
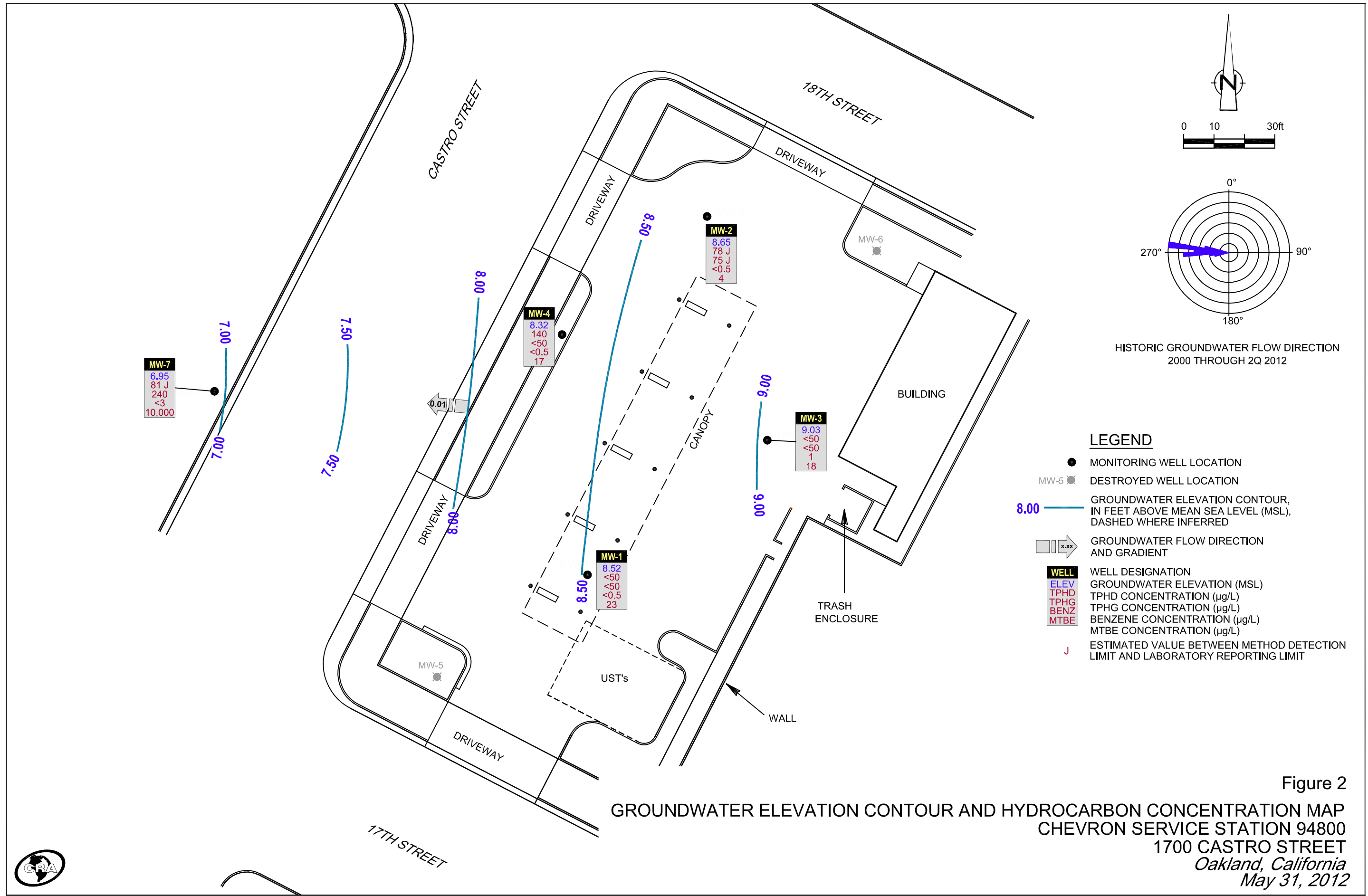


Figure 1  
 VICINITY MAP  
 CHEVRON SERVICE STATION 94800  
 1700 CASTRO STREET  
 Oakland, California





## TABLE



TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location | Date                     | TOC   | DTW   | GWE     | HYDROCARBONS       |                   |                    | PRIMARY VOCs |      |      |      |             |                | ADDITIONAL VOCs |         |      |      |      |      |      |
|----------|--------------------------|-------|-------|---------|--------------------|-------------------|--------------------|--------------|------|------|------|-------------|----------------|-----------------|---------|------|------|------|------|------|
|          |                          |       |       |         | TPH-DRO            | TPH-DRO w/ Si Gel | TPH-GRO            | B            | T    | E    | X    | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL | TBA  | DIPE | ETBE | TAME |      |
|          | Units                    | ft    | ft    | ft-amsl | µg/L               | µg/L              | µg/L               | µg/L         | µg/L | µg/L | µg/L | µg/L        | µg/L           | µg/L            | µg/L    | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-1     | 06/04/1997               | 30.75 | 25.82 | 4.39    | 71 <sup>1</sup>    | -                 | 890                | 100          | 110  | 29   | 150  | <10         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 09/16/1997               | 30.75 | 25.90 | 4.85    | 75 <sup>1</sup>    | -                 | 1,600              | 210          | 210  | 60   | 250  | <10         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 12/17/1997               | 30.75 | 25.87 | 4.88    | 65 <sup>1</sup>    | -                 | 940                | 120          | 100  | 41   | 160  | <25         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 03/18/1998               | 30.75 | 24.85 | 5.90    | 77 <sup>1</sup>    | -                 | 530                | 91           | 39   | 22   | 65   | 6.8         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 06/28/1998               | 30.75 | 24.83 | 5.92    | 140 <sup>1</sup>   | -                 | 1,100              | 220          | 140  | 37   | 120  | -           | 14             | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 09/07/1998               | 30.75 | 25.19 | 5.56    | 280 <sup>1</sup>   | -                 | 1,700              | 530          | 86   | 84   | 240  | 49          | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 12/09/1998               | 30.75 | 25.65 | 5.10    | 240 <sup>1</sup>   | -                 | 1,700              | 240          | 130  | 100  | 270  | 32          | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 03/11/1999               | 30.75 | 25.45 | 5.30    | 98 <sup>1</sup>    | -                 | 353                | 53.9         | 28.6 | 20.5 | 56.1 | 14.1        | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 06/17/1999               | 30.75 | 25.36 | 5.39    | 217 <sup>1</sup>   | -                 | 810                | 270          | 150  | 95   | 340  | 15          | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 09/29/1999               | 30.75 | 25.62 | 5.13    | 153 <sup>1</sup>   | -                 | 659                | 76           | 49.7 | 35.1 | 118  | 12.6        | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 12/14/1999               | 30.75 | 25.68 | 5.07    | 188 <sup>1,2</sup> | -                 | 2,760              | 287          | 199  | 139  | 502  | <12.5       | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 03/09/2000 <sup>3</sup>  | 30.75 | 25.21 | 5.54    | 166 <sup>1</sup>   | -                 | 1,590              | 238          | 94.9 | 72.2 | 247  | 22.3        | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 06/10/2000               | 30.75 | 25.02 | 5.73    | -                  | -                 | 1,460              | 242          | 47.8 | 83.8 | 151  | 97.3        | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 09/30/2000               | 30.75 | 25.45 | 5.30    | 240 <sup>7</sup>   | -                 | 650 <sup>6</sup>   | 130          | 49   | 69   | 190  | 21          | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 12/22/2000               | 30.75 | 25.70 | 5.05    | 200 <sup>9</sup>   | -                 | 640 <sup>6</sup>   | 110          | 33   | 58   | 160  | 68          | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 03/01/2001               | 30.75 | 25.50 | 5.25    | 211 <sup>7</sup>   | -                 | 1,500 <sup>6</sup> | 210          | 67.9 | 109  | 320  | 87.3        | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 05/04/2001               | 30.75 | 25.34 | 5.41    | 130 <sup>7</sup>   | -                 | 991                | 127          | 32.6 | 73.0 | 137  | 95.4        | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 09/05/2001               | 30.75 | 25.59 | 5.16    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 12/21/2001               | 30.75 | 25.58 | 5.17    | 210                | -                 | 2,000              | 220          | 16   | 110  | 400  | 34          | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 03/15/2002               | 30.75 | 25.15 | 5.60    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 06/15/2002               | 30.75 | 25.26 | 5.49    | 140                | -                 | 350                | 54           | 0.61 | 12   | 40   | 130         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 09/06/2002               | 30.75 | 25.49 | 5.26    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 12/06/2002               | 30.75 | 25.63 | 5.12    | 2,900              | -                 | 900                | 71           | 2.1  | 39   | 150  | 34          | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 03/03/2003               | 30.75 | 25.29 | 5.46    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 06/17/2003 <sup>14</sup> | 30.75 | 25.11 | 5.64    | 180                | -                 | 290                | 34           | 0.6  | 23   | 90   | -           | -              | 92              | -       | -    | -    | -    | -    | -    |
| MW-1     | 09/16/2003               | 30.75 | 25.38 | 5.37    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 12/31/2003 <sup>14</sup> | 30.75 | 25.55 | 5.20    | 150                | -                 | 1,500              | 97           | 6    | 70   | 230  | -           | -              | 86              | <50     | -    | -    | -    | -    | -    |
| MW-1     | 03/26/2004               | 30.75 | 25.01 | 5.74    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 08/17/2004 <sup>14</sup> | 30.75 | 26.16 | 4.59    | 860                | -                 | 500                | 44           | 5    | 12   | 54   | -           | -              | 76              | <50     | -    | -    | -    | -    | -    |
| MW-1     | 11/16/2004 <sup>14</sup> | 34.01 | 26.16 | 7.85    | <26                | -                 | 570                | 33           | <0.5 | 14   | 53   | -           | -              | 48              | <50     | -    | -    | -    | -    | -    |
| MW-1     | 02/18/2005               | 34.01 | 25.76 | 8.25    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 05/06/2005 <sup>14</sup> | 34.01 | 25.39 | 8.62    | 110                | -                 | 170                | 13           | <0.5 | 4    | 18   | -           | -              | 220             | <50     | -    | -    | -    | -    | -    |
| MW-1     | 08/05/2005               | 34.01 | 25.70 | 8.31    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-1     | 11/07/2005 <sup>14</sup> | 34.01 | 26.02 | 7.99    | 260 <sup>20</sup>  | -                 | 180                | 7            | <0.5 | 3    | 24   | -           | -              | 260             | <50     | -    | -    | -    | -    | -    |
| MW-1     | 02/06/2006               | 34.01 | 25.68 | 8.33    | -                  | -                 | -                  | -            | -    | -    | -    | -           | -              | -               | -       | -    | -    | -    | -    | -    |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location    | Date                     | TOC          | DTW          | GWE         | HYDROCARBONS       |                   |                    | PRIMARY VOCs   |                |                |                |                            |                | ADDITIONAL VOCs |               |          |          |          |          |
|-------------|--------------------------|--------------|--------------|-------------|--------------------|-------------------|--------------------|----------------|----------------|----------------|----------------|----------------------------|----------------|-----------------|---------------|----------|----------|----------|----------|
|             |                          |              |              |             | TPH-DRO            | TPH-DRO w/ Si Gel | TPH-GRO            | B              | T              | E              | X              | MTBE by VOC                | MTBE by SW8240 | MTBE by SW8260  | ETHANOL       | TBA      | DIPE     | ETBE     | TAME     |
| Units       | ft                       | ft           | ft-amsl      | µg/L        | µg/L               | µg/L              | µg/L               | µg/L           | µg/L           | µg/L           | µg/L           | µg/L                       | µg/L           | µg/L            | µg/L          | µg/L     | µg/L     | µg/L     | µg/L     |
| MW-1        | 05/08/2006 <sup>14</sup> | 34.01        | 24.98        | 9.03        | 730                | -                 | 270                | 23             | <0.7           | 1              | 18             | 590                        | -              | -               | <50           | -        | -        | -        | -        |
| MW-1        | 08/08/2006               | 34.01        | 25.52        | 8.49        | -                  | -                 | -                  | -              | -              | -              | -              | -                          | -              | -               | -             | -        | -        | -        | -        |
| MW-1        | 11/08/2006 <sup>14</sup> | 34.01        | 25.90        | 8.11        | 380                | -                 | <50                | 0.6            | <0.5           | <0.5           | 2              | 140                        | -              | -               | <50           | -        | -        | -        | -        |
| MW-1        | 02/06/2007               | 34.01        | 25.98        | 8.03        | -                  | -                 | -                  | -              | -              | -              | -              | -                          | -              | -               | -             | -        | -        | -        | -        |
| MW-1        | 05/01/2007 <sup>14</sup> | 34.01        | 25.78        | 8.23        | 750                | -                 | 58                 | 0.8            | <0.5           | <0.5           | 1              | -                          | -              | 280             | <50           | -        | -        | -        | -        |
| MW-1        | 07/31/2007               | 34.01        | 26.00        | 8.01        | -                  | -                 | -                  | -              | -              | -              | -              | -                          | -              | -               | -             | -        | -        | -        | -        |
| MW-1        | 11/08/2007 <sup>14</sup> | 34.01        | 26.16        | 7.85        | 330                | -                 | <50                | <0.5           | <0.5           | <0.5           | 0.9            | -                          | -              | 270             | <50           | -        | -        | -        | -        |
| MW-1        | 02/04/2008               | 34.01        | 25.97        | 8.04        | -                  | -                 | -                  | -              | -              | -              | -              | -                          | -              | -               | -             | -        | -        | -        | -        |
| MW-1        | 05/01/2008 <sup>14</sup> | 34.01        | 25.95        | 8.06        | 86                 | -                 | <50                | <0.5           | <0.5           | <0.5           | <0.5           | -                          | -              | 470             | <50           | -        | -        | -        | -        |
| MW-1        | 08/01/2008               | 34.01        | 26.04        | 7.97        | -                  | -                 | -                  | -              | -              | -              | -              | -                          | -              | -               | -             | -        | -        | -        | -        |
| MW-1        | 11/13/2008 <sup>14</sup> | 34.01        | 26.13        | 7.88        | <50                | -                 | 170                | 1              | <0.5           | <0.5           | 2              | -                          | -              | 190             | <50           | -        | -        | -        | -        |
| MW-1        | 02/23/2009               | 34.01        | 25.94        | 8.07        | -                  | -                 | -                  | -              | -              | -              | -              | -                          | -              | -               | -             | -        | -        | -        | -        |
| MW-1        | 05/20/2009               | 34.01        | 25.63        | 8.38        | 88 J               | -                 | <50                | 0.6 J          | <0.5           | <0.5           | 2              | -                          | -              | 190             | <50           | -        | -        | -        | -        |
| MW-1        | 08/25/2009               | 34.01        | 25.80        | 8.21        | -                  | -                 | -                  | -              | -              | -              | -              | -                          | -              | -               | -             | -        | -        | -        | -        |
| MW-1        | 11/18/2009               | 34.01        | 25.93        | 8.08        | 150                | -                 | <50                | <0.5           | <0.5           | 0.6 J          | <0.5           | -                          | -              | 310             | <50           | -        | -        | -        | -        |
| MW-1        | 05/18/2010               | 34.01        | 25.54        | 8.47        | 110                | -                 | <50                | <0.5           | <0.5           | <0.5           | <0.5           | -                          | -              | 230             | <50           | 9        | -        | -        | -        |
| MW-1        | 12/01/2010               | 34.01        | 25.92        | 8.09        | 52 J               | -                 | <50                | <0.5           | <0.5           | <0.5           | <0.5           | -                          | -              | 230             | <50           | -        | -        | -        | -        |
| MW-1        | 05/04/2011               | 34.01        | 25.26        | 8.75        | -                  | 75 J              | <50                | <0.5           | <0.5           | <0.5           | <0.5           | -                          | -              | 180             | <50           | -        | -        | -        | -        |
| MW-1        | 12/09/2011               | 34.01        | 25.79        | 8.22        | 67 J               | -                 | 61 J               | <0.5           | <0.5           | <0.5           | <0.5           | -                          | -              | 89              | <50           | -        | -        | -        | -        |
| <b>MW-1</b> | <b>05/31/2012</b>        | <b>34.01</b> | <b>25.49</b> | <b>8.52</b> | <b>&lt;50</b>      | <b>-</b>          | <b>&lt;50</b>      | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>-</b>                   | <b>-</b>       | <b>23</b>       | <b>&lt;50</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> |
| MW-2        | 06/04/1997               | 30.00        | 24.87        | 5.13        | 4,000 <sup>1</sup> | -                 | 13,000             | 790            | 30             | 420            | 1,700          | 4,000                      | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 09/16/1997               | 30.00        | 24.94        | 5.06        | 2,200 <sup>1</sup> | -                 | 4,000              | 360            | 9.7            | 210            | 460            | 1,500                      | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 12/17/1997               | 30.00        | 24.82        | 5.18        | 2,100 <sup>1</sup> | -                 | 4,100              | 380            | <10            | 200            | 460            | 2,100                      | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 03/18/1998               | 30.00        | 23.57        | 6.43        | 3,700 <sup>1</sup> | -                 | 8,400              | 1,800          | <50            | 350            | 630            | 13,000                     | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 06/28/1998 <sup>4</sup>  | 30.00        | 23.79        | 6.21        | 4,400 <sup>1</sup> | -                 | 9,300              | 740            | 340            | 710            | 2,300          | -                          | 3,800          | -               | -             | -        | -        | -        | -        |
| MW-2        | 09/07/1998               | 30.00        | 24.22        | 5.78        | 3,100 <sup>1</sup> | -                 | 9,900              | 1,000          | 150            | 640            | 1,800          | 4,500 / 4,100 <sup>5</sup> | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 12/09/1998               | 30.00        | 24.69        | 5.31        | 1,900 <sup>1</sup> | -                 | 8,500              | 860            | 74             | 610            | 960            | 2,600 / 2,600 <sup>5</sup> | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 03/11/1999               | 30.00        | 24.21        | 5.79        | 2,700 <sup>1</sup> | -                 | 12,500             | 1,520          | 42.2           | 645            | 2,250          | 5,050 / 3,400 <sup>5</sup> | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 06/17/1999               | 30.00        | 24.31        | 5.69        | 7,150 <sup>1</sup> | -                 | 27,000             | 2,200          | 260            | 1,500          | 5,900          | 4,700                      | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 09/29/1999               | 30.00        | 24.55        | 5.45        | 3,030 <sup>1</sup> | -                 | 6,910              | 582            | 11.1           | 491            | 1,170          | 1,970                      | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 12/14/1999               | 30.00        | 24.61        | 5.39        | 615 <sup>1,2</sup> | -                 | 4,230              | 282            | 12.3           | 284            | 690            | 631                        | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 03/09/2000 <sup>3</sup>  | 30.00        | 23.92        | 6.08        | 3,300 <sup>1</sup> | -                 | 15,300             | 1,110          | 39.4           | 1,040          | 3,030          | 2,470                      | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 06/10/2000               | 30.00        | 23.87        | 6.13        | -                  | -                 | 7,360              | 560            | 40.7           | 627            | 1,280          | 1,260                      | -              | -               | -             | -        | -        | -        | -        |
| MW-2        | 09/30/2000               | 30.00        | 24.33        | 5.67        | 1,800 <sup>7</sup> | -                 | 3,600 <sup>6</sup> | 280            | <10            | 420            | 430            | 290                        | -              | -               | -             | -        | -        | -        | -        |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location | Date                     | TOC   | DTW   | GWE     | HYDROCARBONS        |                   |                    | PRIMARY VOCs |       |       |       |             |                | ADDITIONAL VOCs |         |      |      |      |      |      |
|----------|--------------------------|-------|-------|---------|---------------------|-------------------|--------------------|--------------|-------|-------|-------|-------------|----------------|-----------------|---------|------|------|------|------|------|
|          |                          |       |       |         | TPH-DRO             | TPH-DRO w/ Si Gel | TPH-GRO            | B            | T     | E     | X     | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL | TBA  | DIPE | ETBE | TAME |      |
|          | Units                    | ft    | ft    | ft-amsl | µg/L                | µg/L              | µg/L               | µg/L         | µg/L  | µg/L  | µg/L  | µg/L        | µg/L           | µg/L            | µg/L    | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-2     | 12/22/2000               | 30.00 | 24.61 | 5.39    | 870 <sup>9</sup>    | -                 | 1,500 <sup>6</sup> | 100          | <1.3  | 160   | 59    | 380         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 03/01/2001               | 30.00 | 24.21 | 5.79    | 1,320 <sup>7</sup>  | -                 | 2,340 <sup>6</sup> | 171          | <5.00 | 238   | 157   | 864         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 05/04/2001               | 30.00 | 24.17 | 5.83    | 3,100 <sup>7</sup>  | -                 | 11,900             | 199          | 33.9  | 1,420 | 290   | 3,890       | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 09/05/2001               | 30.00 | 24.55 | 5.45    | 2,200               | -                 | 3,300              | 170          | 1.7   | 310   | 110   | 1,100       | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 12/21/2001               | 30.00 | 24.40 | 5.60    | 980                 | -                 | 1,100              | 58           | 0.72  | 120   | 14    | 450         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 03/15/2002               | 30.00 | 23.95 | 6.05    | 2,200               | -                 | 5,000              | 250          | 9.1   | 470   | 430   | 1,800       | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 06/15/2002               | 30.00 | 24.16 | 5.84    | 3,700               | -                 | 5,200              | 240          | 5.2   | 540   | 210   | 2,200       | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 09/06/2002               | 30.00 | 24.41 | 5.59    | 2,200               | -                 | 2,100              | 84           | 1.4   | 250   | 30    | 1,000       | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 12/06/2002               | 30.00 | 24.56 | 5.44    | 730                 | -                 | 780                | 21           | <0.50 | 58    | 3.4   | 480         | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 03/03/2003               | 30.00 | 24.21 | 5.79    | 3,500               | -                 | 4,800              | 220          | 1.9   | 650   | 46    | 4,400       | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 06/17/2003 <sup>14</sup> | 30.00 | 23.93 | 6.07    | 4,100               | -                 | 4,700              | 140          | 4     | 370   | 84    | -           | -              | 2,700           | -       | -    | -    | -    | -    | -    |
| MW-2     | 09/16/2003 <sup>14</sup> | 30.00 | 24.31 | 5.69    | 1,800 <sup>15</sup> | -                 | 1,300              | 38           | <1    | 110   | 3     | -           | -              | 1,300           | <130    | -    | -    | -    | -    | -    |
| MW-2     | 12/31/2003 <sup>14</sup> | 30.00 | 24.36 | 5.64    | 330                 | -                 | 990                | 11           | <0.5  | 23    | 3     | -           | -              | 440             | <50     | -    | -    | -    | -    | -    |
| MW-2     | 03/26/2004               | 30.00 | 23.75 | 6.25    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 08/17/2004 <sup>14</sup> | 30.00 | 24.47 | 5.53    | 400                 | -                 | 300                | 9            | <0.5  | 18    | 1     | -           | -              | 340             | <50     | -    | -    | -    | -    | -    |
| MW-2     | 11/16/2004 <sup>14</sup> | 32.59 | 24.45 | 8.14    | 4,300               | -                 | 10,000             | 91           | 7     | 830   | 1,300 | -           | -              | 1,100           | <100    | -    | -    | -    | -    | -    |
| MW-2     | 02/18/2005               | 32.59 | 23.92 | 8.67    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 05/06/2005 <sup>14</sup> | 32.59 | 23.53 | 9.06    | 1,300               | -                 | 4,900              | 62           | 4     | 290   | 320   | -           | -              | 400             | <50     | -    | -    | -    | -    | -    |
| MW-2     | 08/05/2005               | 32.59 | 23.98 | 8.61    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 11/07/2005 <sup>14</sup> | 32.59 | 24.32 | 8.27    | 300 <sup>20</sup>   | -                 | 800                | 2            | <0.5  | <0.5  | <0.5  | -           | -              | 66              | <50     | -    | -    | -    | -    | -    |
| MW-2     | 02/06/2006               | 32.59 | 23.83 | 8.76    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 05/08/2006 <sup>14</sup> | 32.59 | 23.10 | 9.49    | 2,100               | -                 | 6,100              | 32           | 4     | 430   | 460   | 360         | -              | -               | <50     | -    | -    | -    | -    | -    |
| MW-2     | 08/08/2006               | 32.59 | 23.80 | 8.79    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 11/08/2006 <sup>14</sup> | 32.59 | 24.27 | 8.32    | 770                 | -                 | 120                | 12           | <0.5  | 0.7   | 8     | 840         | -              | -               | <50     | -    | -    | -    | -    | -    |
| MW-2     | 02/06/2007               | 32.59 | 24.29 | 8.30    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 05/01/2007 <sup>14</sup> | 32.59 | 24.05 | 8.54    | 160                 | -                 | 850                | <0.5         | <0.5  | 16    | 36    | -           | -              | 100             | <50     | -    | -    | -    | -    | -    |
| MW-2     | 07/31/2007               | 32.59 | 24.31 | 8.28    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 11/08/2007 <sup>14</sup> | 32.59 | 24.47 | 8.12    | 800                 | -                 | 180                | <0.5         | <0.5  | <0.5  | <0.5  | -           | -              | 37              | <50     | -    | -    | -    | -    | -    |
| MW-2     | 02/04/2008               | 32.59 | 24.21 | 8.38    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 05/01/2008 <sup>14</sup> | 32.59 | 24.25 | 8.34    | 500                 | -                 | 430                | <0.5         | <0.5  | <0.5  | 5     | -           | -              | 120             | <50     | -    | -    | -    | -    | -    |
| MW-2     | 08/01/2008               | 32.59 | 24.33 | 8.26    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 11/13/2008 <sup>14</sup> | 32.59 | 24.42 | 8.17    | 2,600               | -                 | 2,500              | 3            | 1     | 190   | 83    | -           | -              | 240             | <50     | -    | -    | -    | -    | -    |
| MW-2     | 02/23/2009               | 32.59 | 24.21 | 8.38    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |
| MW-2     | 05/20/2009               | 32.59 | 23.65 | 8.94    | 2,800 J             | -                 | 4,000              | 4            | 1     | 42    | 55    | -           | -              | 160             | <50     | -    | -    | -    | -    | -    |
| MW-2     | 08/25/2009               | 32.59 | 24.00 | 8.59    | -                   | -                 | -                  | -            | -     | -     | -     | -           | -              | -               | -       | -    | -    | -    | -    | -    |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location    | Date                     | TOC          | DTW          | GWE         | HYDROCARBONS      |                   |                  | PRIMARY VOCS   |                |                |                |             |                | ADDITIONAL VOCS |               |      |      |      |      |
|-------------|--------------------------|--------------|--------------|-------------|-------------------|-------------------|------------------|----------------|----------------|----------------|----------------|-------------|----------------|-----------------|---------------|------|------|------|------|
|             |                          |              |              |             | TPH-DRO           | TPH-DRO w/ Si Gel | TPH-GRO          | B              | T              | E              | X              | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL       | TBA  | DIPE | ETBE | TAME |
| Units       | ft                       | ft           | ft-amsl      | µg/L        | µg/L              | µg/L              | µg/L             | µg/L           | µg/L           | µg/L           | µg/L           | µg/L        | µg/L           | µg/L            | µg/L          | µg/L | µg/L | µg/L | µg/L |
| MW-2        | 11/18/2009               | 32.59        | 24.51        | 8.08        | 2,800             | -                 | 5,400            | 4              | 1 J            | 69             | 34             | -           | -              | 79              | <100          | -    | -    | -    | -    |
| MW-2        | 05/18/2010               | 32.59        | 23.65        | 8.94        | 1,100             | -                 | 580              | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 22              | <50           | 6    | -    | -    | -    |
| MW-2        | 12/01/2010               | 32.59        | 24.20        | 8.39        | 930               | -                 | 230              | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 20              | <50           | -    | -    | -    | -    |
| MW-2        | 05/04/2011               | 32.59        | 23.50        | 9.09        | -                 | 1,300             | 830              | <0.5           | <0.5           | 51             | 10             | -           | -              | 16              | <50           | -    | -    | -    | -    |
| MW-2        | 12/09/2011               | 32.59        | 24.12        | 8.47        | 180               | -                 | 140              | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 8               | <50           | -    | -    | -    | -    |
| <b>MW-2</b> | <b>05/31/2012</b>        | <b>32.59</b> | <b>23.94</b> | <b>8.65</b> | <b>78 J</b>       | -                 | <b>75 J</b>      | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | -           | -              | <b>4</b>        | <b>&lt;50</b> | -    | -    | -    | -    |
|             |                          |              |              |             |                   |                   |                  |                |                |                |                |             |                |                 |               |      |      |      |      |
| MW-3        | 06/04/1997               | 31.32        | 26.05        | 5.27        | <50               | -                 | 190              | 26             | 20             | 1.5            | 16             | 8.2         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 09/16/1997               | 31.32        | 26.15        | 5.17        | <50               | -                 | 270              | 58             | 53             | 6.1            | 30             | 21          | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 12/17/1997               | 31.32        | 26.10        | 5.22        | <50               | -                 | 290              | 50             | 54             | 8.1            | 37             | 21          | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 03/18/1998               | 31.32        | 24.90        | 6.42        | <50               | -                 | 390              | 140            | 33             | 4.6            | 30             | 94          | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 06/28/1998               | 31.32        | 24.93        | 6.39        | <50               | -                 | 290              | 90             | 11             | 1.6            | 13             | -           | 150            | -               | -             | -    | -    | -    | -    |
| MW-3        | 09/07/1998               | 31.32        | 25.35        | 5.97        | <50               | -                 | 170              | 46             | 20             | 4.3            | 19             | 120         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 12/09/1998               | 31.32        | 25.91        | 5.41        | 55 <sup>1</sup>   | -                 | 660              | 120            | 93             | 22             | 72             | 150         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 03/11/1999               | 31.32        | 25.47        | 5.85        | <50               | -                 | 653              | 136            | 69.5           | 13.7           | 63.8           | 144         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 06/17/1999               | 31.32        | 25.42        | 5.90        | 103 <sup>1</sup>  | -                 | 530              | 190            | 110            | 24             | 88             | 210         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 09/29/1999               | 31.32        | 25.71        | 5.61        | 232 <sup>1</sup>  | -                 | 433              | 97.8           | 61.4           | 16.9           | 56.6           | 156         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 12/14/1999               | 31.32        | 25.77        | 5.55        | <50 <sup>2</sup>  | -                 | 8,650            | 1,040          | 795            | 212            | 800            | 995         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 03/09/2000 <sup>3</sup>  | 31.32        | 25.18        | 6.14        | 74.6 <sup>1</sup> | -                 | 1,170            | 304            | 103            | 25.2           | 114            | 539         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 06/10/2000               | 31.32        | 25.03        | 6.29        | -                 | -                 | 359              | 63.8           | 27.8           | 10.5           | 35.4           | 393         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 09/30/2000               | 31.32        | 25.53        | 5.79        | 100 <sup>8</sup>  | -                 | 220 <sup>6</sup> | 42             | 33             | 12             | 38             | 67          | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 12/22/2000               | 31.32        | 25.80        | 5.52        | 110 <sup>9</sup>  | -                 | 370 <sup>9</sup> | 96             | 48             | 18             | 58             | 180         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 03/01/2001               | 31.32        | 25.57        | 5.75        | 144 <sup>7</sup>  | -                 | 912 <sup>6</sup> | 218            | 89.0           | 36.0           | 110            | 310         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 05/04/2001               | 31.32        | 25.36        | 5.96        | <50               | -                 | 1,260            | 146            | 79.6           | 38.2           | 101            | 1,070       | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 09/05/2001               | 31.32        | 25.71        | 5.61        | -                 | -                 | -                | -              | -              | -              | -              | -           | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 12/21/2001               | 31.32        | 25.65        | 5.67        | 180               | -                 | 850              | 160            | 11             | 32             | 84             | 300         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 03/15/2002               | 31.32        | 25.17        | 6.15        | -                 | -                 | -                | -              | -              | -              | -              | -           | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 06/15/2002               | 31.32        | 25.31        | 6.01        | <50               | -                 | 550              | 110            | 3.0            | 23             | 58             | 590         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 09/06/2002               | 31.32        | 25.58        | 5.74        | -                 | -                 | -                | -              | -              | -              | -              | -           | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 12/06/2002               | 31.32        | 25.76        | 5.56        | 160               | -                 | 350              | 60             | 1.3            | 11             | 32             | 530         | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 03/03/2003               | 31.32        | 25.40        | 5.92        | -                 | -                 | -                | -              | -              | -              | -              | -           | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 06/17/2003 <sup>14</sup> | 31.32        | 25.13        | 6.19        | 130               | -                 | 560              | 90             | 2              | 19             | 57             | -           | -              | 590             | -             | -    | -    | -    | -    |
| MW-3        | 09/16/2003               | 31.32        | 25.47        | 5.85        | -                 | -                 | -                | -              | -              | -              | -              | -           | -              | -               | -             | -    | -    | -    | -    |
| MW-3        | 12/31/2003 <sup>14</sup> | 31.32        | 25.65        | 5.67        | 120               | -                 | 840              | 140            | 24             | 25             | 87             | -           | -              | 670             | 66            | -    | -    | -    | -    |
| MW-3        | 03/26/2004               | 31.32        | 24.99        | 6.33        | -                 | -                 | -                | -              | -              | -              | -              | -           | -              | -               | -             | -    | -    | -    | -    |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location    | Date                     | TOC          | DTW          | GWE         | HYDROCARBONS       |                   |                  | PRIMARY VOCS |                |                |          |               |                | ADDITIONAL VOCS |               |          |          |          |          |
|-------------|--------------------------|--------------|--------------|-------------|--------------------|-------------------|------------------|--------------|----------------|----------------|----------|---------------|----------------|-----------------|---------------|----------|----------|----------|----------|
|             |                          |              |              |             | TPH-DRO            | TPH-DRO w/ Si Gel | TPH-GRO          | B            | T              | E              | X        | MTBE by VOC   | MTBE by SW8240 | MTBE by SW8260  | ETHANOL       | TBA      | DIPE     | ETBE     | TAME     |
|             |                          |              |              |             | µg/L               | µg/L              | µg/L             | µg/L         | µg/L           | µg/L           | µg/L     | µg/L          | µg/L           | µg/L            | µg/L          | µg/L     | µg/L     | µg/L     | µg/L     |
| MW-3        | 08/17/2004 <sup>14</sup> | 31.32        | 25.86        | 5.46        | 110                | -                 | 630              | 84           | 18             | 11             | 35       | -             | -              | 410             | <50           | -        | -        | -        | -        |
| MW-3        | 11/16/2004 <sup>14</sup> | 34.16        | 25.90        | 8.26        | 92                 | -                 | 740              | 100          | 4              | 21             | 45       | -             | -              | 460             | <50           | -        | -        | -        | -        |
| MW-3        | 02/18/2005               | 34.16        | 25.37        | 8.79        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 05/06/2005 <sup>14</sup> | 34.16        | 24.98        | 9.18        | 83                 | -                 | 290              | 43           | <1             | 6              | 11       | -             | -              | 740             | <100          | -        | -        | -        | -        |
| MW-3        | 08/05/2005               | 34.16        | 25.35        | 8.81        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 11/07/2005 <sup>14</sup> | 34.16        | 25.69        | 8.47        | 66                 | -                 | 220              | 29           | 0.7            | 3              | 26       | -             | -              | 440             | <50           | -        | -        | -        | -        |
| MW-3        | 02/06/2006               | 34.16        | 25.28        | 8.88        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 05/08/2006 <sup>14</sup> | 34.16        | 24.49        | 9.67        | 310                | -                 | 560              | 70           | <1             | 3              | 24       | 3,300         | -              | -               | <100          | -        | -        | -        | -        |
| MW-3        | 08/08/2006               | 34.16        | 25.16        | 9.00        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 11/08/2006 <sup>14</sup> | 34.16        | 25.59        | 8.57        | 210                | -                 | 510              | <0.5         | <0.5           | <0.5           | <0.5     | 73            | -              | -               | <50           | -        | -        | -        | -        |
| MW-3        | 02/06/2007               | 34.16        | 25.68        | 8.48        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 05/01/2007 <sup>14</sup> | 34.16        | 25.46        | 8.70        | 84                 | -                 | 260              | 36           | <0.5           | 0.8            | 18       | -             | -              | 1,200           | <50           | -        | -        | -        | -        |
| MW-3        | 07/31/2007               | 34.16        | 25.70        | 8.46        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 11/08/2007 <sup>14</sup> | 34.16        | 25.87        | 8.29        | 260                | -                 | 270              | 32           | 0.9            | 3              | 29       | -             | -              | 440             | <50           | -        | -        | -        | -        |
| MW-3        | 02/04/2008               | 34.16        | 25.68        | 8.48        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 05/01/2008 <sup>14</sup> | 34.16        | 25.66        | 8.50        | 82                 | -                 | 240              | 30           | <0.5           | <0.5           | 20       | -             | -              | 690             | <50           | -        | -        | -        | -        |
| MW-3        | 08/01/2008               | 34.16        | 25.76        | 8.40        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 11/13/2008 <sup>14</sup> | 34.16        | 25.80        | 8.36        | <50                | -                 | 720              | 22           | <0.5           | <0.5           | 7        | -             | -              | 790             | <50           | -        | -        | -        | -        |
| MW-3        | 02/23/2009               | 34.16        | 25.72        | 8.44        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 05/20/2009               | 34.16        | 25.30        | 8.86        | 210                | -                 | 460              | 42           | <0.5           | 1              | 20       | -             | -              | 450             | <50           | -        | -        | -        | -        |
| MW-3        | 08/25/2009               | 34.16        | 25.56        | 8.60        | -                  | -                 | -                | -            | -              | -              | -        | -             | -              | -               | -             | -        | -        | -        | -        |
| MW-3        | 11/18/2009               | 34.16        | 25.71        | 8.45        | 240                | -                 | 280              | 25           | <0.5           | <0.5           | 9        | -             | -              | 170             | <50           | -        | -        | -        | -        |
| MW-3        | 05/18/2010               | 34.16        | 25.11        | 9.05        | 150                | -                 | 63 J             | 11           | <0.5           | <0.5           | 1        | -             | -              | 110             | <50           | 470      | -        | -        | -        |
| MW-3        | 12/01/2010               | 34.16        | 25.69        | 8.47        | 110                | -                 | 78 J             | 6            | <0.5           | <0.5           | 3        | -             | -              | 19              | <50           | -        | -        | -        | -        |
| MW-3        | 05/04/2011               | 34.16        | 24.90        | 9.26        | -                  | 250               | 370              | 30           | <0.5           | <0.5           | 8        | -             | -              | 200             | <50           | -        | -        | -        | -        |
| MW-3        | 12/09/2011               | 34.16        | 25.56        | 8.60        | 64 J               | -                 | 210              | 10           | <0.5           | <0.5           | 9        | -             | -              | 230             | <50           | -        | -        | -        | -        |
| <b>MW-3</b> | <b>05/31/2012</b>        | <b>34.16</b> | <b>25.13</b> | <b>9.03</b> | <b>&lt;50</b>      | <b>-</b>          | <b>&lt;50</b>    | <b>1</b>     | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>1</b> | <b>-</b>      | <b>-</b>       | <b>18</b>       | <b>&lt;50</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> |
| MW-4        | 04/08/1999               | 30.13        | -            | -           | -                  | -                 | 130              | 3.1          | <0.5           | <0.5           | 7.7      | 4,700 / 5,400 | -              | -               | <25,000       | <5,000   | <100     | <100     | <100     |
| MW-4        | 06/17/1999               | 30.13        | 24.94        | 5.19        | 3,780 <sup>1</sup> | -                 | 590              | 58           | <5.0           | <5.0           | 160      | 6,200         | -              | -               | -             | -        | -        | -        | -        |
| MW-4        | 09/29/1999               | 30.13        | 25.17        | 4.96        | 1,130 <sup>1</sup> | -                 | 692              | 10.7         | <2.5           | 5.51           | 236      | 7,840         | -              | -               | -             | -        | -        | -        | -        |
| MW-4        | 12/14/1999               | 30.13        | 25.22        | 4.91        | 571 <sup>1,2</sup> | -                 | 625              | <10          | 3.83           | <10            | 94.6     | 4,470         | -              | -               | -             | -        | -        | -        | -        |
| MW-4        | 03/09/2000 <sup>3</sup>  | 30.13        | 24.68        | 5.45        | 600 <sup>1</sup>   | -                 | 402              | 3.76         | 1.18           | <0.5           | 71.4     | 3,140         | -              | -               | -             | -        | -        | -        | -        |
| MW-4        | 06/10/2000               | 30.13        | 24.60        | 5.53        | -                  | -                 | <1,000           | 13.2         | <10.0          | <10.0          | 97.8     | 3,080         | -              | -               | -             | -        | -        | -        | -        |
| MW-4        | 09/30/2000               | 30.13        | 25.04        | 5.09        | 1,400 <sup>7</sup> | -                 | 280 <sup>6</sup> | 21           | 0.67           | 6.3            | 60       | 3,300         | -              | -               | -             | -        | -        | -        | -        |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA  
 FORMER CHEVRON SERVICE STATION 94800  
 1700 CASTRO ST.  
 OAKLAND, CALIFORNIA

| Location | Date                     | TOC   | DTW   | GWE     | HYDROCARBONS        |                   |                  | PRIMARY VOCs |        |      |      |             |                | ADDITIONAL VOCs     |         |      |      |      |      |      |
|----------|--------------------------|-------|-------|---------|---------------------|-------------------|------------------|--------------|--------|------|------|-------------|----------------|---------------------|---------|------|------|------|------|------|
|          |                          |       |       |         | TPH-DRO             | TPH-DRO w/ Si Gel | TPH-GRO          | B            | T      | E    | X    | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260      | ETHANOL | TBA  | DIPE | ETBE | TAME |      |
|          | Units                    | ft    | ft    | ft-amsl | µg/L                | µg/L              | µg/L             | µg/L         | µg/L   | µg/L | µg/L | µg/L        | µg/L           | µg/L                | µg/L    | µg/L | µg/L | µg/L | µg/L | µg/L |
| MW-4     | 12/22/2000               | 30.13 | 25.23 | 4.90    | 740 <sup>9</sup>    | -                 | 240 <sup>6</sup> | 2.2          | <0.50  | 1.3  | 25   | 2,200       | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 03/01/2001               | 30.13 | 24.98 | 5.15    | 661 <sup>7</sup>    | -                 | 193              | 2.31         | <0.500 | 1.34 | 12.1 | 1,220       | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 05/04/2001               | 30.13 | 24.88 | 5.25    | 1,100 <sup>7</sup>  | -                 | 722              | 12.0         | <5.00  | 17.1 | 89.4 | 2,390       | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 09/05/2001               | 30.13 | 25.17 | 4.96    | 2,500               | -                 | 1,400            | 23           | 2.2    | 19   | 260  | 2,300       | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 12/21/2001               | 30.13 | 25.07 | 5.06    | 1,100               | -                 | 310              | 2.9          | <0.50  | 2.6  | 32   | 860         | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 03/15/2002               | 30.13 | 24.69 | 5.44    | 3,100               | -                 | 520              | 5.0          | <0.50  | 15   | 6.8  | 2,700       | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 06/15/2002               | 30.13 | 24.84 | 5.29    | 2,400               | -                 | 950              | 16           | 3.6    | 41   | 100  | 2,200       | -              | 2,400 <sup>12</sup> | -       | 840  | <2.0 | <2.0 | 110  |      |
| MW-4     | 09/06/2002               | 30.13 | 25.06 | 5.07    | 2,600               | -                 | 640              | 9.6          | 0.52   | 9.8  | 28   | 1,700       | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 12/06/2002               | 30.13 | 25.20 | 4.93    | 1,400               | -                 | 280              | 3.6          | <0.50  | 1.7  | <1.5 | 730         | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 03/03/2003               | 30.13 | 24.85 | 5.28    | 1,500               | -                 | 280              | 2.7          | <0.50  | 7.3  | 2.3  | 910         | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 06/17/2003 <sup>14</sup> | 30.13 | 24.69 | 5.44    | 2,000               | -                 | 660              | 8            | 1      | 38   | 16   | -           | -              | 1,100               | -       | 520  | <0.5 | <0.5 | 110  |      |
| MW-4     | 09/16/2003 <sup>14</sup> | 30.13 | 24.98 | 5.15    | 2,100 <sup>16</sup> | -                 | 480              | 6            | <1     | 11   | 3    | -           | -              | 710                 | <100    | -    | -    | -    | -    | -    |
| MW-4     | 12/31/2003 <sup>14</sup> | 30.13 | 25.06 | 5.07    | 1,400               | -                 | 220              | 3            | <0.5   | 2    | <0.5 | -           | -              | 390                 | <50     | -    | -    | -    | -    | -    |
| MW-4     | 03/26/2004               | 30.13 | 24.53 | 5.60    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 08/17/2004 <sup>14</sup> | 30.13 | 25.45 | 4.68    | 2,100               | -                 | 470              | 12           | 1      | 28   | 4    | -           | -              | 370                 | <50     | 66   | <0.5 | <0.5 | 50   |      |
| MW-4     | 11/16/2004 <sup>14</sup> | 33.07 | 25.44 | 7.63    | 960                 | -                 | 270              | 7            | <0.5   | 7    | 6    | -           | -              | 270                 | <50     | -    | -    | -    | -    | -    |
| MW-4     | 02/18/2005               | 33.07 | 25.00 | 8.07    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 05/06/2005 <sup>14</sup> | 33.07 | 24.69 | 8.38    | 350                 | -                 | 86               | 0.7          | <0.5   | <0.5 | <0.5 | -           | -              | 110                 | <50     | 21   | <0.5 | <0.5 | 8    |      |
| MW-4     | 08/05/2005               | 33.07 | 25.02 | 8.05    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 11/07/2005 <sup>14</sup> | 33.07 | 25.33 | 7.74    | 150                 | -                 | 54               | 0.6          | <0.5   | <0.5 | <0.5 | -           | -              | 59                  | <50     | -    | -    | -    | -    | -    |
| MW-4     | 02/06/2006               | 33.07 | 24.94 | 8.13    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 05/08/2006 <sup>14</sup> | 33.07 | 24.27 | 8.80    | 200                 | -                 | 66               | 0.5          | <0.5   | <0.5 | <0.5 | 92          | -              | -                   | <50     | -    | -    | -    | -    | -    |
| MW-4     | 08/08/2006               | 33.07 | 25.16 | 7.91    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 11/08/2006 <sup>14</sup> | 33.07 | 25.23 | 7.84    | 400                 | -                 | 55               | <0.5         | <0.5   | <0.5 | <0.5 | 40          | -              | -                   | <50     | -    | -    | -    | -    | -    |
| MW-4     | 02/06/2007               | 33.07 | 25.28 | 7.79    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 05/01/2007 <sup>14</sup> | 33.07 | 25.08 | 7.99    | 150                 | -                 | 67               | <0.5         | <0.5   | <0.5 | <0.5 | -           | -              | 76                  | <50     | 10   | <0.5 | <0.5 | 6    |      |
| MW-4     | 07/31/2007               | 33.07 | 25.27 | 7.80    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 11/08/2007 <sup>14</sup> | 33.07 | 25.42 | 7.65    | 850                 | -                 | <50              | <0.5         | <0.5   | <0.5 | <0.5 | -           | -              | 44                  | <50     | -    | -    | -    | -    | -    |
| MW-4     | 02/04/2008               | 33.07 | 25.23 | 7.84    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 05/01/2008 <sup>14</sup> | 33.07 | 25.21 | 7.86    | 110                 | -                 | <50              | <0.5         | <0.5   | <0.5 | <0.5 | -           | -              | 67                  | <50     | 12   | <0.5 | <0.5 | 4    |      |
| MW-4     | 08/01/2008               | 33.07 | 25.28 | 7.79    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 11/13/2008 <sup>14</sup> | 33.07 | 25.43 | 7.64    | 330                 | -                 | 64               | <0.5         | <0.5   | <0.5 | 1    | -           | -              | 220                 | <50     | -    | -    | -    | -    | -    |
| MW-4     | 02/23/2009               | 33.07 | 25.06 | 8.01    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |
| MW-4     | 05/20/2009               | 33.07 | 24.73 | 8.34    | 560                 | -                 | 130              | <0.5         | <0.5   | <0.5 | <0.5 | -           | -              | 190                 | <50     | 58   | <0.5 | <0.5 | 6    |      |
| MW-4     | 08/25/2009               | 33.07 | 24.97 | 8.10    | -                   | -                 | -                | -            | -      | -    | -    | -           | -              | -                   | -       | -    | -    | -    | -    | -    |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location    | Date                     | TOC          | DTW          | GWE         | HYDROCARBONS      |                   |               | PRIMARY VOCs   |                |                |                |             |                | ADDITIONAL VOCs |               |           |                |                |              |
|-------------|--------------------------|--------------|--------------|-------------|-------------------|-------------------|---------------|----------------|----------------|----------------|----------------|-------------|----------------|-----------------|---------------|-----------|----------------|----------------|--------------|
|             |                          |              |              |             | TPH-DRO           | TPH-DRO w/ Si Gel | TPH-GRO       | B              | T              | E              | X              | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL       | TBA       | DIPE           | ETBE           | TAME         |
|             |                          |              |              |             | µg/L              | µg/L              | µg/L          | µg/L           | µg/L           | µg/L           | µg/L           | µg/L        | µg/L           | µg/L            | µg/L          | µg/L      | µg/L           | µg/L           | µg/L         |
| MW-4        | 11/18/2009               | 33.07        | 25.27        | 7.80        | 860               | -                 | 120           | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 150             | <50           | -         | -              | -              | -            |
| MW-4        | 05/18/2010               | 33.07        | 24.73        | 8.34        | 340               | -                 | 56 J          | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 70              | <50           | 33        | <0.5           | <0.5           | 4            |
| MW-4        | 12/01/2010               | 33.07        | 25.13        | 7.94        | 570               | -                 | 64 J          | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 110             | <50           | -         | -              | -              | -            |
| MW-4        | 05/04/2011               | 33.07        | 24.50        | 8.57        | -                 | 60 J              | <50           | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 25              | <50           | 49        | <0.5           | <0.5           | <0.5         |
| MW-4        | 12/09/2011               | 33.07        | 25.12        | 7.95        | 140               | -                 | 56 J          | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | 18              | <50           | -         | -              | -              | -            |
| <b>MW-4</b> | <b>05/31/2012</b>        | <b>33.07</b> | <b>24.75</b> | <b>8.32</b> | <b>140</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>17</b>       | <b>&lt;50</b> | <b>60</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>0.7 J</b> |
| MW-5        | 04/08/1999               | 30.93        | -            | -           | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | <2.0 / <2.5 | -              | -               | <500          | <100      | <2.0           | <2.0           | <2.0         |
| MW-5        | 06/17/1999               | 30.93        | 26.00        | 4.93        | 53.8 <sup>1</sup> | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 09/29/1999               | 30.93        | 26.20        | 4.73        | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 12/14/1999               | 30.93        | 26.32        | 4.61        | <50 <sup>2</sup>  | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | 0.598       | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 03/09/2000 <sup>3</sup>  | 30.93        | 25.93        | 5.00        | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 06/10/2000               | 30.93        | 25.72        | 5.21        | -                 | -                 | <50.0         | <0.500         | <0.500         | <0.500         | <0.500         | <2.50       | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 09/30/2000               | 30.93        | 26.14        | 4.79        | 130 <sup>8</sup>  | -                 | <50           | <0.50          | <0.50          | <0.50          | <0.50          | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 12/22/2000               | 30.93        | 26.33        | 4.60        | 250 <sup>8</sup>  | -                 | <50           | <0.50          | <0.50          | <0.50          | <0.50          | 9.1         | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 03/01/2001               | 30.93        | 26.16        | 4.77        | 77.4 <sup>7</sup> | -                 | <50.0         | <0.500         | <0.500         | <0.500         | <0.500         | <2.50       | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 05/04/2001               | 30.93        | 26.04        | 4.89        | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 09/05/2001               | 30.93        | 26.21        | 4.72        | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 12/21/2001               | 30.93        | 26.20        | 4.73        | 110               | -                 | <50           | <0.50          | <0.50          | <0.50          | <1.5           | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 03/15/2002               | 30.93        | 25.87        | 5.06        | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 06/15/2002               | 30.93        | 25.98        | 4.95        | <50               | -                 | <50           | <0.50          | <0.50          | <0.50          | <1.5           | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 09/06/2002               | 30.93        | 26.18        | 4.75        | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 12/06/2002               | 30.93        | 26.32        | 4.61        | <50               | -                 | <50           | <0.50          | <0.50          | <0.50          | <1.5           | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 03/03/2003               | 30.93        | 25.99        | 4.94        | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 06/17/2003 <sup>14</sup> | 30.93        | 25.87        | 5.06        | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | <0.5            | -             | -         | -              | -              |              |
| MW-5        | 09/16/2003               | 30.93        | 26.09        | 4.84        | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 12/31/2003 <sup>14</sup> | 30.93        | 26.21        | 4.72        | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | -           | -              | <0.5            | <50           | -         | -              | -              |              |
| MW-5        | 03/26/2004               | 30.93        | 25.74        | 5.19        | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-5        | 08/17/2004               | 30.93        | -            | -           | -                 | -                 | -             | -              | -              | -              | -              | -           | -              | -               | -             | -         | -              | -              |              |
| MW-6        | 04/08/1999               | 30.58        | -            | -           | -                 | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | 5.6 / 4.5   | -              | -               | <500          | <100      | <2.0           | <2.0           | <2.0         |
| MW-6        | 06/17/1999               | 30.58        | 24.59        | 5.99        | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | <2.5        | -              | -               | -             | -         | -              | -              |              |
| MW-6        | 09/29/1999               | 30.58        | 24.77        | 5.81        | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | 4.46        | -              | -               | -             | -         | -              | -              |              |
| MW-6        | 12/14/1999               | 30.58        | 24.84        | 5.74        | <50 <sup>2</sup>  | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | 4.13        | -              | -               | -             | -         | -              | -              |              |
| MW-6        | 03/09/2000 <sup>3</sup>  | 30.58        | 24.09        | 6.49        | <50               | -                 | <50           | <0.5           | <0.5           | <0.5           | <0.5           | 2.82        | -              | -               | -             | -         | -              | -              |              |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location | Date                     | TOC   | DTW   | GWE  | HYDROCARBONS      |                   |         | PRIMARY VOCs |        |        |        |             |                | ADDITIONAL VOCs      |         |      |      |      |      |
|----------|--------------------------|-------|-------|------|-------------------|-------------------|---------|--------------|--------|--------|--------|-------------|----------------|----------------------|---------|------|------|------|------|
|          |                          |       |       |      | TPH-DRO           | TPH-DRO w/ Si Gel | TPH-GRO | B            | T      | E      | X      | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260       | ETHANOL | TBA  | DIPE | ETBE | TAME |
|          |                          |       |       |      | µg/L              | µg/L              | µg/L    | µg/L         | µg/L   | µg/L   | µg/L   | µg/L        | µg/L           | µg/L                 | µg/L    | µg/L | µg/L | µg/L | µg/L |
| MW-6     | 06/10/2000               | 30.58 | 24.00 | 6.58 | -                 | -                 | <50.0   | <0.500       | <0.500 | <0.500 | <0.500 | <2.50       | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 09/30/2000               | 30.58 | 24.58 | 6.00 | 110 <sup>8</sup>  | -                 | <50     | <0.50        | <0.50  | <0.50  | <0.50  | 7.3         | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 12/22/2000               | 30.58 | 24.83 | 5.75 | 100 <sup>8</sup>  | -                 | <50     | <0.50        | <0.50  | <0.50  | <0.50  | 4.5         | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 03/01/2001               | 30.58 | 24.51 | 6.07 | 141 <sup>7</sup>  | -                 | <50.0   | <0.500       | <0.500 | <0.500 | <0.500 | 7.52        | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 05/04/2001               | 30.58 | 24.32 | 6.26 | <50               | -                 | <50.0   | <0.500       | <0.500 | <0.500 | <0.500 | 2.74        | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 09/05/2001               | 30.58 | 24.59 | 5.99 | -                 | -                 | -       | -            | -      | -      | -      | -           | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 12/21/2001               | 30.58 | 24.65 | 5.93 | 200               | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 8.5         | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 03/15/2002               | 30.58 | 24.14 | 6.44 | -                 | -                 | -       | -            | -      | -      | -      | -           | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 06/15/2002               | 30.58 | 24.33 | 6.25 | <50               | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 4.3         | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 09/06/2002               | 30.58 | 24.60 | 5.98 | -                 | -                 | -       | -            | -      | -      | -      | -           | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 12/06/2002               | 30.58 | 24.79 | 5.79 | 64                | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 5.0         | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 03/03/2003               | 30.58 | 24.44 | 6.14 | -                 | -                 | -       | -            | -      | -      | -      | -           | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 06/17/2003 <sup>14</sup> | 30.58 | 24.11 | 6.47 | <50               | -                 | <50     | <0.5         | <0.5   | <0.5   | <0.5   | -           | -              | 13                   | -       | -    | -    | -    | -    |
| MW-6     | 09/16/2003               | 30.58 | 24.52 | 6.06 | -                 | -                 | -       | -            | -      | -      | -      | -           | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 12/31/2003 <sup>14</sup> | 30.58 | 24.58 | 6.00 | <50               | -                 | <50     | <0.5         | <0.5   | <0.5   | 0.5    | -           | -              | 14                   | <50     | -    | -    | -    | -    |
| MW-6     | 03/26/2004               | 30.58 | 23.89 | 6.69 | -                 | -                 | -       | -            | -      | -      | -      | -           | -              | -                    | -       | -    | -    | -    | -    |
| MW-6     | 08/17/2004               | 30.58 | -     | -    | -                 | -                 | -       | -            | -      | -      | -      | -           | -              | -                    | -       | -    | -    | -    | -    |
| MW-7     | 05/04/2001 <sup>11</sup> | 31.90 | 27.87 | 4.03 | <50               | -                 | <50.0   | <0.500       | <5.00  | <5.00  | <5.00  | 567         | -              | 470 <sup>12</sup>    | <500    | 57   | <2.0 | <2.0 | 11   |
| MW-7     | 09/05/2001               | 31.90 | 28.04 | 3.86 | <50               | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 1,400       | -              | 1,300 <sup>12</sup>  | <500    | <100 | <2.0 | <2.0 | 32   |
| MW-7     | 12/21/2001               | 31.90 | 28.86 | 3.04 | 210               | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 620         | -              | 670 <sup>12</sup>    | <500    | <100 | <2.0 | <2.0 | 15   |
| MW-7     | 03/15/2002               | 31.90 | 27.72 | 4.18 | <50               | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 350 / 320   | -              | 350 <sup>12</sup>    | <500    | <100 | <2.0 | <2.0 | 8    |
| MW-7     | 06/15/2002               | 31.90 | 27.84 | 4.06 | <50               | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 850         | -              | 960 <sup>12</sup>    | -       | <100 | <2.0 | <2.0 | 18   |
| MW-7     | 09/06/2002               | 31.90 | 27.97 | 3.93 | <50               | -                 | 59      | <0.50        | <0.50  | <0.50  | <1.5   | 1,900       | -              | -                    | -       | -    | -    | -    |      |
| MW-7     | 12/06/2002               | 31.90 | 28.03 | 3.87 | <50               | -                 | 68      | <0.50        | <0.50  | <0.50  | <1.5   | 2,200       | -              | -                    | -       | -    | -    | -    |      |
| MW-7     | 03/03/2003               | 31.90 | 27.69 | 4.21 | <50               | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | 1,300       | -              | -                    | -       | -    | -    | -    |      |
| MW-7     | 06/17/2003 <sup>14</sup> | 31.90 | 27.76 | 4.14 | <50               | -                 | 79      | <0.5         | <0.5   | <0.5   | <0.5   | -           | -              | 2,500                | -       | 37   | <0.5 | <0.5 | 53   |
| MW-7     | 09/16/2003 <sup>14</sup> | 31.90 | 27.83 | 4.07 | <50 <sup>17</sup> | -                 | 110     | <5           | <5     | <5     | <5     | -           | -              | 4,400                | <500    | -    | -    | -    |      |
| MW-7     | 12/31/2003 <sup>14</sup> | 31.90 | 27.86 | 4.04 | <50               | -                 | 76      | <2.0         | <2.0   | <2.0   | <2.0   | -           | -              | 3,000                | <200    | -    | -    | -    |      |
| MW-7     | 03/26/2004 <sup>14</sup> | 31.90 | 27.65 | 4.25 | <50               | -                 | 61      | <1           | <1     | <1     | <1     | -           | -              | 2,000                | -       | -    | -    | -    |      |
| MW-7     | 08/17/2004 <sup>14</sup> | 31.90 | 27.88 | 4.02 | 2,200             | -                 | 130     | <5           | <5     | <5     | <5     | -           | -              | 8,000                | <500    | <50  | <5   | <5   | 140  |
| MW-7     | 11/16/2004 <sup>14</sup> | 34.35 | 27.87 | 6.48 | <50               | -                 | 200     | <3           | <3     | <3     | <3     | -           | -              | 7,300                | <250    | -    | -    | -    |      |
| MW-7     | 02/18/2005 <sup>14</sup> | 34.35 | 27.60 | 6.75 | 64                | -                 | 86      | <10          | <10    | <10    | <10    | -           | -              | 5,700                | <1,000  | -    | -    | -    |      |
| MW-7     | 05/06/2005 <sup>14</sup> | 34.35 | 27.43 | 6.92 | 60                | -                 | 160     | <5           | <5     | <5     | <5     | -           | -              | 8,400                | <500    | <50  | <5   | <5   | 140  |
| MW-7     | 08/05/2005 <sup>14</sup> | 34.35 | 27.65 | 6.70 | 81 <sup>18</sup>  | -                 | 500     | <5           | <5     | <5     | <5     | -           | -              | 20,000 <sup>19</sup> | <500    | -    | -    | -    |      |



TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location    | Date                     | TOC          | DTW          | GWE         | HYDROCARBONS     |                   |            | PRIMARY VOCs |              |              |              |             |                | ADDITIONAL VOCs |                |               |              |              |            |
|-------------|--------------------------|--------------|--------------|-------------|------------------|-------------------|------------|--------------|--------------|--------------|--------------|-------------|----------------|-----------------|----------------|---------------|--------------|--------------|------------|
|             |                          |              |              |             | TPH-DRO          | TPH-DRO w/ Si Gel | TPH-GRO    | B            | T            | E            | X            | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL        | TBA           | DIPE         | ETBE         | TAME       |
|             |                          |              |              |             | µg/L             | µg/L              | µg/L       | µg/L         | µg/L         | µg/L         | µg/L         | µg/L        | µg/L           | µg/L            | µg/L           | µg/L          | µg/L         | µg/L         | µg/L       |
| MW-7        | 11/07/2005 <sup>14</sup> | 34.35        | 27.79        | 6.56        | 68               | -                 | 300        | <10          | <10          | <10          | <10          | -           | -              | 24,000          | <1,000         | -             | -            | -            | -          |
| MW-7        | 02/06/2006 <sup>14</sup> | 34.35        | 27.54        | 6.81        | 72 <sup>21</sup> | -                 | 300        | <0.5         | <0.5         | <0.5         | <0.5         | 14,000      | -              | -               | <50            | -             | -            | -            | -          |
| MW-7        | 05/08/2006 <sup>14</sup> | 34.35        | 27.15        | 7.20        | 94               | -                 | 80         | <2.0         | <2.0         | 3            | 7            | 6,500       | -              | -               | <200           | -             | -            | -            | -          |
| MW-7        | 08/08/2006 <sup>14</sup> | 34.35        | 27.53        | 6.82        | 150              | -                 | 520        | <10          | <10          | <10          | <10          | 17,000      | -              | -               | <1,000         | -             | -            | -            | -          |
| MW-7        | 11/08/2006 <sup>14</sup> | 34.35        | 27.75        | 6.60        | 440              | -                 | 900        | <5           | <5           | <5           | <5           | 41,000      | -              | -               | <500           | -             | -            | -            | -          |
| MW-7        | 02/06/2007 <sup>14</sup> | 34.35        | 27.76        | 6.59        | 200              | -                 | 590        | <5           | <5           | <5           | <5           | -           | -              | 31,000          | <500           | -             | -            | -            | -          |
| MW-7        | 05/01/2007 <sup>14</sup> | 34.35        | 27.65        | 6.70        | 190              | -                 | 380        | <3           | <3           | <3           | <3           | -           | -              | 14,000          | <250           | <10           | <3           | <3           | 260        |
| MW-7        | 07/31/2007 <sup>14</sup> | 34.35        | 27.75        | 6.60        | 270              | -                 | 570        | <3           | <3           | <3           | <3           | -           | -              | 15,000          | <250           | -             | -            | -            | -          |
| MW-7        | 11/08/2007 <sup>14</sup> | 34.35        | 27.83        | 6.52        | 150              | -                 | 520        | <5           | <5           | <5           | <5           | -           | -              | 25,000          | <500           | -             | -            | -            | -          |
| MW-7        | 02/04/2008 <sup>14</sup> | 34.35        | 27.69        | 6.66        | 87               | -                 | 540        | <1           | <1           | <1           | <1           | -           | -              | 17,000          | <100           | -             | -            | -            | -          |
| MW-7        | 05/01/2008 <sup>14</sup> | 34.35        | 27.72        | 6.63        | <50              | -                 | 230        | <5           | <5           | <5           | <5           | -           | -              | 10,000          | <500           | <20           | <5           | <5           | 170        |
| MW-7        | 08/01/2008 <sup>14</sup> | 34.35        | 27.84        | 6.51        | <50              | -                 | 330        | <3           | <3           | <3           | <3           | -           | -              | 12,000          | <250           | -             | -            | -            | -          |
| MW-7        | 11/13/2008 <sup>14</sup> | 34.35        | 28.01        | 6.34        | 64               | -                 | 390        | <10          | <10          | <10          | <10          | -           | -              | 16,000          | <1,000         | -             | -            | -            | -          |
| MW-7        | 02/23/2009 <sup>14</sup> | 34.35        | 27.65        | 6.70        | 100              | -                 | 270        | <3           | <3           | <3           | <3           | -           | -              | 11,000          | <250           | -             | -            | -            | -          |
| MW-7        | 05/20/2009               | 34.35        | 27.55        | 6.80        | 48 J             | -                 | 210        | <1           | <1           | <1           | <1           | -           | -              | 6,300           | <100           | 31            | <1           | <1           | 120        |
| MW-7        | 08/25/2009               | 34.35        | 27.70        | 6.65        | <100 U           | -                 | 160        | <3           | <3           | <3           | <3           | -           | -              | 5,700           | <250           | -             | -            | -            | -          |
| MW-7        | 11/18/2009               | 34.35        | 27.77        | 6.58        | 250              | -                 | 100        | <1           | <1           | <1           | <1           | -           | -              | 2,800           | <130           | -             | -            | -            | -          |
| MW-7        | 05/18/2010               | 34.35        | 27.51        | 6.84        | 160              | -                 | 76 J       | <1           | <1           | <1           | <1           | -           | -              | 2,400           | <100           | <4            | <1           | 2            | 52         |
| MW-7        | 12/01/2010               | 34.35        | 27.71        | 6.64        | 120              | -                 | 230        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | 7,000           | <50            | -             | -            | -            | -          |
| MW-7        | 05/04/2011               | 34.35        | 27.35        | 7.00        | -                | 85 J              | 150        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | 4,200           | <50            | <2            | <0.5         | 1            | 100        |
| MW-7        | 12/09/2011               | 34.35        | 26.15        | 8.20        | 66 J             | -                 | 250        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | 7,400           | <50            | -             | -            | -            | -          |
| <b>MW-7</b> | <b>05/31/2012</b>        | <b>34.35</b> | <b>27.40</b> | <b>6.95</b> | <b>81 J</b>      | -                 | <b>240</b> | <b>&lt;3</b> | <b>&lt;3</b> | <b>&lt;3</b> | <b>&lt;3</b> | -           | -              | <b>10,000</b>   | <b>&lt;250</b> | <b>&lt;10</b> | <b>&lt;3</b> | <b>&lt;3</b> | <b>230</b> |
| QA          | 12/21/2001               | -            | -            | -           | -                | -                 | <50        | <0.50        | <0.50        | <0.50        | <1.5         | <2.5        | -              | -               | -              | -             | -            | -            | -          |
| QA          | 03/15/2002               | -            | -            | -           | -                | -                 | <50        | <0.50        | <0.50        | <0.50        | <1.5         | <2.5        | -              | -               | -              | -             | -            | -            | -          |
| QA          | 06/15/2002               | -            | -            | -           | -                | -                 | <50        | <0.50        | <0.50        | <0.50        | <1.5         | <2.5        | -              | -               | -              | -             | -            | -            | -          |
| QA          | 09/06/2002               | -            | -            | -           | -                | -                 | <50        | <0.50        | <0.50        | <0.50        | <1.5         | <2.5        | -              | -               | -              | -             | -            | -            | -          |
| QA          | 12/06/2002               | -            | -            | -           | -                | -                 | <50        | <0.50        | <0.50        | <0.50        | <1.5         | <2.5        | -              | -               | -              | -             | -            | -            | -          |
| QA          | 06/17/2003 <sup>14</sup> | -            | -            | -           | -                | -                 | <50        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | <0.5            | -              | -             | -            | -            | -          |
| QA          | 09/16/2003 <sup>14</sup> | -            | -            | -           | -                | -                 | <50        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | <0.5            | -              | -             | -            | -            | -          |
| QA          | 12/31/2003 <sup>14</sup> | -            | -            | -           | -                | -                 | <50        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | <0.5            | -              | -             | -            | -            | -          |
| QA          | 03/26/2004 <sup>14</sup> | -            | -            | -           | -                | -                 | <50        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | <0.5            | -              | -             | -            | -            | -          |
| QA          | 08/17/2004 <sup>14</sup> | -            | -            | -           | -                | -                 | <50        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | <0.5            | -              | -             | -            | -            | -          |
| QA          | 11/16/2004 <sup>14</sup> | -            | -            | -           | -                | -                 | <50        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | <0.5            | -              | -             | -            | -            | -          |
| QA          | 02/18/2005 <sup>14</sup> | -            | -            | -           | -                | -                 | <50        | <0.5         | <0.5         | <0.5         | <0.5         | -           | -              | <0.5            | -              | -             | -            | -            | -          |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA  
 FORMER CHEVRON SERVICE STATION 94800  
 1700 CASTRO ST.  
 OAKLAND, CALIFORNIA

| Location   | Date                     | TOC | DTW | GWE | HYDROCARBONS |                   |         | PRIMARY VOCs |      |      |      |             |                | ADDITIONAL VOCs |         |      |      |      |      |      |
|------------|--------------------------|-----|-----|-----|--------------|-------------------|---------|--------------|------|------|------|-------------|----------------|-----------------|---------|------|------|------|------|------|
|            |                          |     |     |     | TPH-DRO      | TPH-DRO w/ Si Gel | TPH-GRO | B            | T    | E    | X    | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL | TBA  | DIPE | ETBE | TAME |      |
|            |                          |     |     |     | µg/L         | µg/L              | µg/L    | µg/L         | µg/L | µg/L | µg/L | µg/L        | µg/L           | µg/L            | µg/L    | µg/L | µg/L | µg/L | µg/L | µg/L |
| QA         | 05/06/2005 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 08/05/2005 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 11/07/2005 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | 0.6          | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 02/06/2006 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <0.5           | -               | -       | <0.5 | -    | -    | -    | -    |
| QA         | 05/08/2006 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <0.5           | -               | -       | <0.5 | -    | -    | -    | -    |
| QA         | 08/08/2006 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <0.5           | -               | -       | <0.5 | -    | -    | -    | -    |
| QA         | 11/08/2006 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <0.5           | -               | -       | <0.5 | -    | -    | -    | -    |
| QA         | 02/06/2007 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 05/01/2007 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 07/31/2007 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 11/08/2007 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 02/04/2008 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 05/01/2008 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 08/01/2008 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 11/13/2008 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 02/23/2009 <sup>14</sup> | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 05/20/2009               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 08/25/2009               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 11/18/2009               | -   | -   | -   | -            | -                 | <50     | <0.5         | 0.5J | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 05/18/2010               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 12/01/2010               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 05/04/2011               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 12/09/2011               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| QA         | 05/31/2012               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | -               | <0.5    | -    | -    | -    | -    | -    |
| Trip Blank | 06/04/1997               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 09/16/1997               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 12/17/1997               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 03/18/1998               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 06/28/1998               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | -              | <2.5            | -       | -    | -    | -    | -    | -    |
| Trip Blank | 09/07/1998               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 12/09/1998               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 03/11/1999               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <5.0           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 06/17/1999               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 12/14/1999               | -   | -   | -   | -            | -                 | <50     | <0.5         | <0.5 | <0.5 | <0.5 | <0.5        | <2.5           | -               | -       | -    | -    | -    | -    | -    |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA  
 FORMER CHEVRON SERVICE STATION 94800  
 1700 CASTRO ST.  
 OAKLAND, CALIFORNIA

| Location   | Date                     | TOC | DTW | GWE     | HYDROCARBONS |                   |         | PRIMARY VOCS |        |        |        |             |                | ADDITIONAL VOCS |         |      |      |      |      |      |
|------------|--------------------------|-----|-----|---------|--------------|-------------------|---------|--------------|--------|--------|--------|-------------|----------------|-----------------|---------|------|------|------|------|------|
|            |                          |     |     |         | TPH-DRO      | TPH-DRO w/ Si Gel | TPH-GRO | B            | T      | E      | X      | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL | TBA  | DIPE | ETBE | TAME |      |
| Units      |                          | ft  | ft  | ft-amsl | µg/L         | µg/L              | µg/L    | µg/L         | µg/L   | µg/L   | µg/L   | µg/L        | µg/L           | µg/L            | µg/L    | µg/L | µg/L | µg/L | µg/L | µg/L |
| Trip Blank | 03/09/2000 <sup>3</sup>  | -   | -   | -       | -            | -                 | <50     | <0.5         | <0.5   | <0.5   | <0.5   | <2.5        | -              | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 06/10/2000               | -   | -   | -       | -            | -                 | <50.0   | <0.500       | <0.500 | <0.500 | <0.500 | <2.50       | -              | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 09/30/2000               | -   | -   | -       | -            | -                 | <50     | <0.50        | <0.50  | <0.50  | <0.50  | <2.5        | -              | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 12/22/2000 <sup>10</sup> | -   | -   | -       | -            | -                 | <50     | <0.50        | <0.50  | <0.50  | <0.50  | <2.5        | -              | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 03/01/2001               | -   | -   | -       | -            | -                 | <50.0   | <0.500       | <0.500 | <0.500 | <0.500 | <2.50       | -              | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 05/04/2001               | -   | -   | -       | -            | -                 | <50.0   | <0.500       | <5.00  | <5.00  | <5.00  | <0.500      | -              | -               | -       | -    | -    | -    | -    | -    |
| Trip Blank | 09/05/2001               | -   | -   | -       | -            | -                 | <50     | <0.50        | <0.50  | <0.50  | <1.5   | <2.5        | -              | -               | -       | -    | -    | -    | -    | -    |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location | Date | TOC | DTW     | GWE  | HYDROCARBONS |                   |         | PRIMARY VOCS |      |      |      |             |                | ADDITIONAL VOCS |         |      |      |      |      |      |
|----------|------|-----|---------|------|--------------|-------------------|---------|--------------|------|------|------|-------------|----------------|-----------------|---------|------|------|------|------|------|
|          |      |     |         |      | TPH-DRO      | TPH-DRO w/ Si Gel | TPH-GRO | B            | T    | E    | X    | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL | TBA  | DIPE | ETBE | TAME |      |
| Units    | ft   | ft  | ft-amsl | µg/L | µg/L         | µg/L              | µg/L    | µg/L         | µg/L | µg/L | µg/L | µg/L        | µg/L           | µg/L            | µg/L    | µg/L | µg/L | µg/L | µg/L | µg/L |

**Abbreviations and Notes:**

TOC = Top of casing

DTW = Depth to water

GWE = Groundwater elevation

(ft-amsl) = Feet above mean sea level

ft = Feet

µg/L = Micrograms per liter

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

VOCS = Volatile organic compounds

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes (Total)

MTBE = Methyl tertiary butyl ether

TBA = Tert-butyl alcohol

DIPE = Di-isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = Tert-amyl methyl ether

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

J = Estimated Value (The result is  $\geq$  the method detection limit and < the limit of quantitation)

- 1 Chromatogram pattern indicates an unidentified hydrocarbon.
- 2 Sample was extracted outside EPA recommended holding time.
- 3 TPH-G, BTEX and MTBE was analyzed outside EPA recommended holding time.
- 4 EPA Method 8240.
- 5 Confirmation run.
- 6 Laboratory report indicates gasoline C6-C12.
- 7 Laboratory report indicates unidentified hydrocarbons C9-C24.
- 8 Laboratory report indicates unidentified hydrocarbons >C16.
- 9 Laboratory report indicates unidentified hydrocarbons C9-C40.
- 10 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.
- 11 Well development performed.

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA  
FORMER CHEVRON SERVICE STATION 94800  
1700 CASTRO ST.  
OAKLAND, CALIFORNIA**

| Location | Date | TOC | DTW | GWE | HYDROCARBONS |                   |         | PRIMARY VOCs |      |      |      |             |                | ADDITIONAL VOCs |         |      |      |      |      |      |
|----------|------|-----|-----|-----|--------------|-------------------|---------|--------------|------|------|------|-------------|----------------|-----------------|---------|------|------|------|------|------|
|          |      |     |     |     | TPH-DRO      | TPH-DRO w/ Si Gel | TPH-GRO | B            | T    | E    | X    | MTBE by VOC | MTBE by SW8240 | MTBE by SW8260  | ETHANOL | TBA  | DIPE | ETBE | TAME |      |
| Units    |      |     |     |     | µg/L         | µg/L              | µg/L    | µg/L         | µg/L | µg/L | µg/L | µg/L        | µg/L           | µg/L            | µg/L    | µg/L | µg/L | µg/L | µg/L | µg/L |

- 12 MTBE by EPA Method 8260.
- 14 BTEX and MTBE by EPA Method 8260.
- 15 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. The TPH-D result from the re-extraction is 910 ppb.
- 16 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. The TPH-D result from the re-extraction is 1,700 ppb.
- 17 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. Similar results were obtained in both extracts.
- 18 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
- 19 Analytical result confirmed.
- 20 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
- 21 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to individual peak(s) eluting in the DRO range.

ATTACHMENT A

MONITORING DATA PACKAGE



June 19, 2012

Chevron Environmental Management Company  
Catalina Devine  
6111 Bollinger Canyon Rd.  
San Ramon, CA 94583

Second Quarter 2012 Monitoring at  
Chevron Service Station 94800  
1700 Castro St.  
Oakland, CA

Monitoring performed on May 31, 2012

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**Blaine Tech Services, Inc. Groundwater Monitoring Event 120531-BW1**

This submission covers the routine monitoring of groundwater wells conducted on May 31, 2012 at this location. Five monitoring wells were measured for depth to groundwater (DTW). Five monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

Water levels measurements were collected using an electronic slope indicator. All sampled wells were purged of three case volumes, depending on well recovery, or until water temperature, pH and conductivity stabilized. Purging was accomplished using electric submersible pumps, positive air-displacement pumps or stainless steel, Teflon or disposable bailers. Subsequent sample collection and sample handling was performed in accordance with EPA protocols using disposable bailers. Alternately, where applicable, wells were sampled utilizing no-purge methodology. All reused equipment was decontaminated in an integrated stainless steel sink with de-ionized water supplied Hotsy pressure washer and Liquinox or equivalent.

Second Quarter Groundwater Monitoring at Chevron 94800, 1700 Castro St., Oakland, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

SAN DIEGO

1680 ROGERS AVENUE

SAN JOSE, CA 95112-1105

(408) 573-0555

FAX (408) 573-7771

LIC. 746684

[www.blainetech.com](http://www.blainetech.com)

Samples were delivered under chain-of-custody to Lancaster Laboratories of Lancaster, Pennsylvania, for analysis. Monitoring well purgewater and equipment rinsate water was collected and transported under bill-of-lading to IWM facilities of San Jose, California.

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, and Chain-of-Custody.

Blaine Tech Services, Inc.'s activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrogeologic conditions or formulation of recommendations was performed.

Please call if you have any questions.

Sincerely,



Dustin Becker  
Blaine Tech Services, Inc.  
Senior Project Manager

attachments: SOP  
Well Gauging Sheet  
Individual Well Monitoring Data Sheets  
Chain of Custody  
Wellhead Inspection Form  
Bill of Lading  
Calibration Log

cc: CRA  
Attn: Nathan Lee  
5900 Hollis St. Suite A  
Emeryville, CA 94608

Second Quarter Groundwater Monitoring at Chevron 94800, 1700 Castro St., Oakland, CA

SAN JOSE

SACRAMENTO

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# BLAINE TECH SERVICES, INC. METHODS AND PROCEDURES FOR THE ROUTINE MONITORING OF GROUNDWATER WELLS AT CHEVRON SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

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## SAMPLING PROCEDURES OVERVIEW

### SAFETY

All groundwater monitoring assignments performed for Chevron comply with Chevron's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Chevron site.

### INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. GeoTech). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

### EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be

evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

## PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

## DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewateres and does not immediately recharge.

## MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed approximately 2 hours to recharge prior to sampling or will be sampled at site departure. All wells requiring off-site traffic control in the public right-of-way, the 80% recharge rule may be disregarded in the interests of Health and Safety. The sample may be collected as soon as there is sufficient water. The water level at time of sampling will be noted.

## PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Chevron approved disposal facility.

## SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

## SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

## TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

## DUPLICATES

Duplicates, if requested, may be collected at a site. The Duplicate sample is collected, typically from the well containing the most measurable contaminants. The Duplicate sample is labeled the same as the original.

## SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

## DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

## DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

## DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 550) or HACH field test kits.

The YSI meters are able to collect accurate in-situ readings. The probe allows downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe is lowered into the water column and the reading is allowed to stabilize prior to collection.

## OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

## FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

## WELL GAUGING DATA

Project # 120531-BW1 Date 5/31/12 Client Chevron

Site 1700 Castro Street Oakland

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---------|------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|-------|
| MW-1    | 1114 | 2               |              |                                  |                                      |                                    | 25.49                | 30.73                      | ↓                        | 1     |
| MW-2    | 1143 | 2               |              |                                  |                                      | 23.94                              | 30.32                | 5                          |                          |       |
| MW-3    | 1120 | 2               |              |                                  |                                      | 25.13                              | 30.30                | 2                          |                          |       |
| MW-4    | 1138 | 2               |              |                                  |                                      | 24.75                              | 28.88                | 4                          |                          |       |
| MW-7    | 1130 | 2               |              |                                  |                                      | 27.40                              | 30.20                | 3                          |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |
|         |      |                 |              |                                  |                                      |                                    |                      |                            |                          |       |

## CHEVRON WELL MONITORING DATA SHEET

|  |                                     |
|--|-------------------------------------|
| Project #: 120531-BW1  | Station #: 9-4800                   |
| Sampler: B. Weeks  | Date: 5/31/12                       |
| Weather: Sunny   | Ambient Air Temperature: 74°F       |
| Well I.D.: MW-1  | Well Diameter: (2) 3 4 6 8 _____    |
| Total Well Depth: 30.73  | Depth to Water: 25.49               |
| Depth to Free Product: -   | Thickness of Free Product (feet): - |
| Referenced to: (PVC) Grade   | D.O. Meter (if req'd): YSI HACH     |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.54 |                                     |

Purge Method:  Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible

Water:  Waterra  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other \_\_\_\_\_

0.8 (Gals.) X 3 = 2.4 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

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

| Time | Temp (°F) | pH   | Cond. (mS or μS) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|------|------------------|------------------|---------------|--------------|
| 1159 | 67.7      | 6.12 | 918              | 360              | 0.8           |              |
| 1203 | 67.3      | 6.26 | 915              | 452              | 1.6           |              |
| 1207 | 66.9      | 6.30 | 914              | 466              | 2.5           |              |
|      |           |      |                  |                  |               |              |
|      |           |      |                  |                  |               |              |

Did well dewater? Yes  No  Gallons actually evacuated: 2.5

Sampling Date: 5/31/12      Sampling Time: 1215      Depth to Water: 25.73

Sample I.D.: MW-1      Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

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

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

## CHEVRON WELL MONITORING DATA SHEET

|  |                                   |
|--|-----------------------------------|
| Project #: 120531-BW1  | Station #: 9-4800                 |
| Sampler: B. Weeks  | Date: 5/31/12                     |
| Weather: Sunny   | Ambient Air Temperature: 78°F     |
| Well I.D.: MW-2  | Well Diameter: (2) 3 4 6 8        |
| Total Well Depth: 30.32  | Depth to Water: 23.94             |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade   | D.O. Meter (if req'd): YSI HACH   |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.22 |                                   |

|                           |                         |
|---------------------------|-------------------------|
| Purge Method:             | Sampling Method: Bailer |
| Bailer                    | Watera                  |
| X Disposable Bailer       | X Disposable Bailer     |
| Positive Air Displacement | Peristaltic             |
| Electric Submersible      | Extraction Pump         |
|                           | Extraction Port         |
|                           | Dedicated Tubing        |
|                           | Other: _____            |

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

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

| Time | Temp (°F) | pH   | Cond. (mS or (μS)) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|------|--------------------|------------------|---------------|--------------|
| 1414 | 70.2      | 6.93 | 793                | >1000            | 1.0           |              |
| 1418 | 71.0      | 7.01 | 785                | >1000            | 2.0           |              |
| 1422 | 71.2      | 7.03 | 783                | >1000            | 3.0           |              |
|      |           |      |                    |                  |               |              |
|      |           |      |                    |                  |               |              |

Did well dewater? Yes  No  Gallons actually evacuated: 3.0

Sampling Date: 5/31/12 Sampling Time: 1430 Depth to Water: 24.38

Sample I.D.: MW-2 Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

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

## CHEVRON WELL MONITORING DATA SHEET

|  |                                     |
|--|-------------------------------------|
| Project #: 120531-BW1  | Station #: 9-4800                   |
| Sampler: B. Weeks  | Date: 5/31/12                       |
| Weather: Sunny   | Ambient Air Temperature: 74°F       |
| Well I.D.: MW-3  | Well Diameter: (2) 3 4 6 8 _____    |
| Total Well Depth: 30.30  | Depth to Water: 25.13               |
| Depth to Free Product: -   | Thickness of Free Product (feet): - |
| Referenced to: <u>PVC</u> Grade                                      | D.O. Meter (if req'd): YSI HACH     |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.16 |                                     |

Purge Method:

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

Sampling Method:

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

|               |                   |                   |
|---------------|-------------------|-------------------|
| 0.8 (Gals.) X | 3                 | = 2.4 Gals.       |
| I Case Volume | Specified Volumes | Calculated Volume |

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

| Time | Temp (°F) | pH   | Cond. (mS or $\mu$ S) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|------|-----------------------|------------------|---------------|--------------|
| 1234 | 68.9      | 6.78 | 1105                  | 536              | 0.8           |              |
| 1237 | 69.2      | 6.76 | 998                   | 552              | 1.6           |              |
| 1240 | 69.4      | 6.79 | 990                   | 556              | 2.5           |              |
|      |           |      |                       |                  |               |              |
|      |           |      |                       |                  |               |              |

Did well dewater? Yes  No  Gallons actually evacuated: 2.5

Sampling Date: 5/31/12 Sampling Time: 1245 Depth to Water: 25.62

Sample I.D.: MW-3 Laboratory: Lancaster Other \_\_\_\_\_

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

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

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



## CHEVRON WELL MONITORING DATA SHEET

|  |                                   |
|--|-----------------------------------|
| Project #: 120531-BW1  | Station #: 9-4800                 |
| Sampler: B. Weeks  | Date: 5/31/12                     |
| Weather: Sunny   | Ambient Air Temperature: 76°F     |
| Well I.D.: MW-4  | Well Diameter: (2) 3 4 6 8        |
| Total Well Depth: 28.88  | Depth to Water: 24.75             |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade   | D.O. Meter (if req'd): YSI HACH   |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.58 |                                   |

Purge Method:

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

Sampling Method:

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

|               |                   |                   |
|---------------|-------------------|-------------------|
| 0.7 (Gals.) X | 3                 | = 2.1 Gals.       |
| 1 Case Volume | Specified Volumes | Calculated Volume |

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

| Time | Temp (°F) | pH   | Cond. (mS or (μS)) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|------|--------------------|------------------|---------------|--------------|
| 1350 | 69.2      | 6.86 | 857                | 735              | 0.7           |              |
| 1353 | 69.6      | 6.80 | 853                | 885              | 1.4           |              |
| 1355 | 70.2      | 6.76 | 850                | 909              | 2.1           |              |
|      |           |      |                    |                  |               |              |
|      |           |      |                    |                  |               |              |

Did well dewater? Yes  No  Gallons actually evacuated: 2.1

Sampling Date: 5/31/12 Sampling Time: 1400 Depth to Water: 25.12

Sample I.D.: MW-4 Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

|  |                                   |
|--|-----------------------------------|
| Project #: 120531-BW1  | Station #: 9-4800                 |
| Sampler: B. Weeks  | Date: 5/31/12 7                   |
| Weather: Sunny   | Ambient Air Temperature: 74°F     |
| Well I.D.: MW-7  | Well Diameter: (2) 3 4 6 8        |
| Total Well Depth: 30.20  | Depth to Water: 27.40             |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade   | D.O. Meter (if req'd): YSI HACH   |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.96 |                                   |

Purge Method:

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

Sampling Method:

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

|               |                   |   |                   |       |
|---------------|-------------------|---|-------------------|-------|
| 0.5 (Gals.) X | 3                 | = | 1.5               | Gals. |
| I Case Volume | Specified Volumes |   | Calculated Volume |       |

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

| Time | Temp (°F) | pH   | Cond. (mS or μS) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|------|------------------|------------------|---------------|--------------|
| 1312 | 72.2      | 7.35 | 893              | 519              | 0.5           |              |
| 1315 | 69.1      | 6.82 | 980              | 71000            | 1.0           |              |
| 1319 | 69.0      | 6.84 | 981              | 71000            | 1.5           |              |
|      |           |      |                  |                  |               |              |
|      |           |      |                  |                  |               |              |

Did well dewater? Yes  No  Gallons actually evacuated: 1.5

Sampling Date: 5/31/12 Sampling Time: 1325 Depth to Water: 27.63

Sample I.D.: MW-7 Laboratory: (Lancaster) Other \_\_\_\_\_

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

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

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

Chevron Site Number: 94800  
 Chevron Site Global ID: T0600102076  
 Chevron Site Address: 1700 Casrto St., Oakland, CA  
 Chevron PM: DAVE PATTEN  
 Chevron PM Phone No.: (925)790-6491  
 Retail and Terminal Business Unit (RTBU) Job  
 Construction/Retail Job

Chevron Consultant: CRA  
 Address: 5900 Hollis St. Suite A Emeryville  
 CA Consultant Contact: Nathan Lee  
 Consultant Phone No. 510-420-3333  
 Consultant Project No. 120531-BW1  
 Sampling Company: Blaine Tech Services  
 Sampled By (Print): Brian Weeks  
 Sampler Signature: [Signature]

| ANALYSES REQUIRED |           |           |                       |                 |           |                       |           |          |          |         |            | Preservation Codes  |
|-------------------|-----------|-----------|-----------------------|-----------------|-----------|-----------------------|-----------|----------|----------|---------|------------|---|
| EPA 8260B/GC/MS   | EPA 8015B | EPA 8021B | EPA 6010              | EPA 6010/7000   | EPA 150.1 | SM2510B               | EPA 418.1 | EPA 8260 | EPA 8015 | ETHANOL | OXYGENATES | H=HCL T=Thiosulfate   |
| TPH LG            | BTEX      | BTEX      | Ca, Fe, K, Mg, Mn, Na | TITLE 22 METALS | PH        | SPECIFIC CONDUCTIVITY | TRPH      |          |          |         |            | N=HNO <sub>3</sub> B=NaOH   |
|                   |           |           |                       |                 |           |                       |           |          |          |         |            | S=H <sub>2</sub> SO <sub>4</sub> O=Other  |
|                   |           |           |                       |                 |           |                       |           |          |          |         |            | Special Instructions  |
|                   |           |           |                       |                 |           |                       |           |          |          |         |            | Must meet lowest detection limits possible for 8260 Compounds, Run TPH-D with Silica Gel Clean Up |
|                   |           |           |                       |                 |           |                       |           |          |          |         |            | Notes/Comments  |

Charge Code: NWRTB-0094800-0-OML  
 NWRTB 00SITE NUMBER-0-WBS  
**(WBS ELEMENTS:**  
 SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L  
 SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L  
**THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.**

**Lancaster Laboratories**  
 Lancaster, PA Lab Contact: Jill Parker  
 2425 New Holland Pike, Lancaster, PA 17601  
 Phone No: (717)656-2300

| Other Lab | Temp. Blank | Check Time | Temp. |
|-----------|-------------|------------|-------|
|           | 1100        |            | 2°C   |
|           | 1400        |            | 2°C   |
|           | 1600        |            | 2°C   |
|           |             |            |       |
|           |             |            |       |

| SAMPLE ID        |        |           |                | Sample Time | # of Containers | Container Type | ANALYSES REQUIRED |           |           |          |               |           |         |           |          |          |         |            | Notes/Comments |
|------------------|--------|-----------|----------------|-------------|-----------------|----------------|-------------------|-----------|-----------|----------|---------------|-----------|---------|-----------|----------|----------|---------|------------|----------------|
| Field Point Name | Matrix | Top Depth | Date (yyymmdd) |             |                 |                | EPA 8260B/GC/MS   | EPA 8015B | EPA 8021B | EPA 6010 | EPA 6010/7000 | EPA 150.1 | SM2510B | EPA 418.1 | EPA 8260 | EPA 8015 | ETHANOL | OXYGENATES |                |
| MW-1             | W      |           | 120531         | 1215        | 8               | VOA, Amber     | X                 | X         |           |          |               |           |         |           |          |          |         |            |                |
| MW-2             | W      |           | 120531         | 1430        | 8               |                | X                 | X         |           |          |               |           |         |           |          |          |         |            |                |
| MW-3             | W      |           | 120531         | 1245        | 8               |                | X                 | X         |           |          |               |           |         |           |          |          |         |            |                |
| MW-4             | W      |           | 120531         | 1400        | 8               |                | X                 | X         |           |          |               |           |         |           |          |          |         |            |                |
| MW-7             | W      |           | 120531         | 1325        | 8               |                | X                 | X         |           |          |               |           |         |           |          |          |         |            |                |
| QA               | T      |           | 120531         | 1055        | 2               | VOA            | X                 | X         |           |          |               |           |         |           |          |          | NO DRO  |            |                |

|  |  |   |
|--|--|---|
| Relinquished By: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>5/31/12 1625</u> | Relinquished To: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>5/31/12 1625</u> | Turnaround Time: Standards <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Other <input type="checkbox"/> |
| Relinquished By: <u>[Signature]</u> Company: <u>BTS</u> Date/Time: <u>6/1/12 1140</u>  | Relinquished To: <u>[Signature]</u> Company: <u>CEI</u> Date/Time: <u>6/1/12 1140</u>  | Sample Integrity: (Check by lab on arrival)   |
| Relinquished By: _____ Company: _____ Date/Time: _____                                 | Relinquished To: _____ Company: _____ Date/Time: _____                                 | Intact: _____ On Ice: _____ Temp: _____ COC # _____   |

# WELLHEAD INSPECTION CHECKLIST

Client Chevron Date 5/31/12

Site Address 1700 Castro St. Oakland

Job Number 120531-BW1 Technician BW

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12" or less) | WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less) | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitted |
|---------|--|---|---|---------------------------|----------------------------|--------------|---------------|------------------------------------|------------------------------------|------------------------|
| MW-1    |  | X   | X   |                           |                            |              |               | X                                  |                                    |                        |
| MW-2    |  | X   | X   |                           |                            |              |               | X                                  |                                    |                        |
| MW-3    | X  | X   | X   |                           |                            |              |               |                                    |                                    |                        |
| MW-4    | X  | X   | X   | X                         |                            |              |               |                                    |                                    |                        |
| MW-7    | X  | X   | X   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |
|         |  |   |   |                           |                            |              |               |                                    |                                    |                        |

NOTES: MW-1 : 1/3 tabs stripped  
 MW-2 : 1/3 tabs broken, 3/3 bolts missing

CHEVRON-NORTHERN CALIFORNIA TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF CALIFORNIA. THE PURGE-WATER WHICH HAS BEEN RECOVERED FROM GROUNDWATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN SAN JOSE, CALIFORNIA FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE TECH), 1680 Rogers Ave. San Jose CA (408) 573-0555). BLAINE TECH. is authorized by Chevron Environmental Management Company (CHEVRON EMC) to recover, collect, apportion into loads, and haul the purgewater that is drawn from wells at the CHEVRON EMC facility indicated below and to deliver that purgewater to BLAINE TECH for temporarily holding. Transport routing of the purgewater may be direct from one CHEVRON EMC facility to BLAINE TECH; from one CHEVRON EMC facility to BLAINE TECH via another CHEVRON EMC facility; or any combination thereof. The well purgewater is and remains the property of CHEVRON EMC.

This Source Record **BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Chevron facility described below:

9-4800  
 CHEVRON # 9-4800 Dave Patten  
 Chevron Project Manager  
 1700 Castro St. Oakland, CA  
 street number street name city state

| WELL I.D.          | GALS.              | WELL I.D.      | GALS.     |
|--------------------|--------------------|----------------|-----------|
| MW-1               | 1 2.5              | /              | /         |
| MW-2               | 1 3.0              | /              | /         |
| MW-3               | 1 2.5              | /              | /         |
| MW-4               | 1 2.1              | /              | /         |
| MW-7               | 1 1.5              | /              | /         |
|                    | /                  | /              | /         |
|                    | /                  | /              | /         |
|                    | /                  | /              | /         |
| added equip.       |                    | any other      |           |
| rinse water        | 1 3.0              | adjustments    | /         |
| <b>TOTAL GALS.</b> |                    | loaded onto    |           |
| <b>RECOVERED</b>   | <u>14.6</u>        | BTS vehicle #  | <u>66</u> |
| BTS event #        | time               | date           |           |
| <u>120531-BW1</u>  | <u>1445</u>        | <u>5/31/12</u> |           |
| signature          | <u>[Signature]</u> |                |           |
| *****              |                    |                |           |
| <b>REC'D AT</b>    | time               | date           |           |
| <u>BTS-55</u>      | <u>1610</u>        | <u>5/31/12</u> |           |
| unloaded by        | signature          |                |           |
|                    | <u>[Signature]</u> |                |           |



ATTACHMENT B

LABORATORY ANALYTICAL REPORT

## ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

June 13, 2012

Project: 94800

Submittal Date: 06/02/2012  
Group Number: 1313143  
PO Number: 0015103600  
Release Number: HORNE  
State of Sample Origin: CA

### Client Sample Description

MW-1-W-120531 NA Water  
MW-2-W-120531 NA Water  
MW-3-W-120531 NA Water  
MW-4-W-120531 NA Water  
MW-7-W-120531 NA Water  
QA-T-120531 NA Water

### Lancaster Labs (LLI) #

6675456  
6675457  
6675458  
6675459  
6675460  
6675461

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

|                    |                            |                      |
|--------------------|----------------------------|----------------------|
| ELECTRONIC COPY TO | Chevron c/o CRA            | Attn: Report Contact |
| ELECTRONIC COPY TO | Blaine Tech Services, Inc. | Attn: Dustin Becker  |
| ELECTRONIC COPY TO | Chevron                    | Attn: Anna Avina     |
| ELECTRONIC COPY TO | CRA                        | Attn: Nathan Lee     |
| ELECTRONIC COPY TO | CRA                        | Attn: Ian Hull       |



Respectfully Submitted,



Jill M. Parker  
Senior Specialist

(717) 556-7262

**Sample Description:** MW-1-W-120531 NA Water  
**Facility#** 94800 BTST  
 1700 Castro St-Oakland T0600102076 MW-1

**LLI Sample #** WW 6675456  
**LLI Group #** 1313143  
**Account #** 10991

**Project Name:** 94800

Collected: 05/31/2012 12:15 by BW

Chevron

6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

Submitted: 06/02/2012 09:30

Reported: 06/13/2012 19:08

CS001

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            |                    |                                     |                                   |                 |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Ethanol                     | 64-17-5    | N.D.               | 50                                  | 250                               | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 23                 | 0.5                                 | 1                                 | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                 | 1                                 | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                  | 100                               | 1               |
| <b>GC Petroleum SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| <b>Hydrocarbons</b>                 |                             |            |                    |                                     |                                   |                 |
| 06609                               | TPH-DRO CA C10-C28          | n.a.       | N.D.               | 50                                  | 100                               | 1               |

**General Sample Comments**

State of California Lab Certification No. 2501

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

**Laboratory Sample Analysis Record**

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst          | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|------------------|-----------------|
| 10943   | UST VOCs by 8260B - Water      | SW-846 8260B | 1      | D121592AA  | 06/07/2012 15:50       | Daniel H Heller  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D121592AA  | 06/07/2012 15:50       | Daniel H Heller  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 12159A07A  | 06/08/2012 21:21       | Marie D John     | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 12159A07A  | 06/08/2012 21:21       | Marie D John     | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 121560010A | 06/06/2012 20:15       | Nicholas R Rossi | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 121560010A | 06/05/2012 11:50       | Denise L Trimby  | 1               |

\*=This limit was used in the evaluation of the final result

**Sample Description:** MW-2-W-120531 NA Water  
**Facility#** 94800 BTST  
 1700 Castro St-Oakland T0600102076 MW-2

**LLI Sample #** WW 6675457  
**LLI Group #** 1313143  
**Account #** 10991

**Project Name:** 94800

Collected: 05/31/2012 14:30 by BW

Chevron

6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

Submitted: 06/02/2012 09:30

Reported: 06/13/2012 19:08

CS002

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            |                    |                                     |                                   |                 |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Ethanol                     | 64-17-5    | N.D.               | 50                                  | 250                               | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 4                  | 0.5                                 | 1                                 | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                 | 1                                 | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | 75 J               | 50                                  | 100                               | 1               |
| <b>GC Petroleum SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| <b>Hydrocarbons</b>                 |                             |            |                    |                                     |                                   |                 |
| 06609                               | TPH-DRO CA C10-C28          | n.a.       | 78 J               | 50                                  | 100                               | 1               |

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst          | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|------------------|-----------------|
| 10943   | UST VOCs by 8260B - Water      | SW-846 8260B | 1      | D121592AA  | 06/07/2012 16:13       | Daniel H Heller  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D121592AA  | 06/07/2012 16:13       | Daniel H Heller  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 12159A20A  | 06/08/2012 16:05       | Marie D John     | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 12159A20A  | 06/08/2012 16:05       | Marie D John     | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 121560010A | 06/06/2012 20:38       | Nicholas R Rossi | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 121560010A | 06/05/2012 11:50       | Denise L Trimby  | 1               |

\*=This limit was used in the evaluation of the final result

**Sample Description:** MW-3-W-120531 NA Water  
**Facility#** 94800 BTST  
 1700 Castro St-Oakland T0600102076 MW-3

**LLI Sample #** WW 6675458  
**LLI Group #** 1313143  
**Account #** 10991

**Project Name:** 94800

Collected: 05/31/2012 12:45 by BW

Chevron

6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

Submitted: 06/02/2012 09:30

Reported: 06/13/2012 19:08

CSO03

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            |                    |                                     |                                   |                 |
| 10943                               | Benzene                     | 71-43-2    | 1                  | 0.5                                 | 1                                 | 1               |
| 10943                               | Ethanol                     | 64-17-5    | N.D.               | 50                                  | 250                               | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 18                 | 0.5                                 | 1                                 | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | 1                  | 0.5                                 | 1                                 | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                  | 100                               | 1               |
| <b>GC Petroleum SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| <b>Hydrocarbons</b>                 |                             |            |                    |                                     |                                   |                 |
| 06609                               | TPH-DRO CA C10-C28          | n.a.       | N.D.               | 50                                  | 100                               | 1               |

**General Sample Comments**

State of California Lab Certification No. 2501

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

**Laboratory Sample Analysis Record**

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst          | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|------------------|-----------------|
| 10943   | UST VOCs by 8260B - Water      | SW-846 8260B | 1      | D121592AA  | 06/07/2012 16:35       | Daniel H Heller  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D121592AA  | 06/07/2012 16:35       | Daniel H Heller  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 12159A20A  | 06/08/2012 16:27       | Marie D John     | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 12159A20A  | 06/08/2012 16:27       | Marie D John     | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 121560010A | 06/06/2012 21:00       | Nicholas R Rossi | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 121560010A | 06/05/2012 11:50       | Denise L Trimby  | 1               |

\*=This limit was used in the evaluation of the final result

**Sample Description:** MW-4-W-120531 NA Water  
**Facility#** 94800 BTST  
**1700 Castro St-Oakland T0600102076 MW-4**

**LLI Sample #** WW 6675459  
**LLI Group #** 1313143  
**Account #** 10991

**Project Name:** 94800

Collected: 05/31/2012 14:00 by BW

Chevron

6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

Submitted: 06/02/2012 09:30

Reported: 06/13/2012 19:08

CS004

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            |                    |                                     |                                   |                 |
| 10943                               | t-Amyl methyl ether         | 994-05-8   | 0.7 J              | 0.5                                 | 1                                 | 1               |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | t-Butyl alcohol             | 75-65-0    | 60                 | 2                                   | 5                                 | 1               |
| 10943                               | Ethanol                     | 64-17-5    | N.D.               | 50                                  | 250                               | 1               |
| 10943                               | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | di-Isopropyl ether          | 108-20-3   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 17                 | 0.5                                 | 1                                 | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                 | 1                                 | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                  | 100                               | 1               |
| <b>GC Petroleum SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| <b>Hydrocarbons</b>                 |                             |            |                    |                                     |                                   |                 |
| 06609                               | TPH-DRO CA C10-C28          | n.a.       | 140                | 50                                  | 100                               | 1               |

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst          | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|------------------|-----------------|
| 10943   | UST VOCs by 8260B - Water      | SW-846 8260B | 1      | D121592AA  | 06/07/2012 13:57       | Daniel H Heller  | 1               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D121592AA  | 06/07/2012 13:57       | Daniel H Heller  | 1               |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 12159A20A  | 06/08/2012 16:49       | Marie D John     | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 12159A20A  | 06/08/2012 16:49       | Marie D John     | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 121560010A | 06/06/2012 21:23       | Nicholas R Rossi | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 121560010A | 06/05/2012 11:50       | Denise L Trimby  | 1               |

**Sample Description:** MW-7-W-120531 NA Water  
**Facility#** 94800 BTST  
**1700 Castro St-Oakland T0600102076 MW-7**

**LLI Sample #** WW 6675460  
**LLI Group #** 1313143  
**Account #** 10991

**Project Name:** 94800

Collected: 05/31/2012 13:25 by BW

Chevron

6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

Submitted: 06/02/2012 09:30

Reported: 06/13/2012 19:08

CS007

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            |                    |                                     |                                   |                 |
| 10943                               | t-Amyl methyl ether         | 994-05-8   | 230                | ug/l 3                              | ug/l 5                            | 5               |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 3                                   | 5                                 | 5               |
| 10943                               | t-Butyl alcohol             | 75-65-0    | N.D.               | 10                                  | 25                                | 5               |
| 10943                               | Ethanol                     | 64-17-5    | N.D.               | 250                                 | 1,300                             | 5               |
| 10943                               | Ethyl t-butyl ether         | 637-92-3   | N.D.               | 3                                   | 5                                 | 5               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 3                                   | 5                                 | 5               |
| 10943                               | di-Isopropyl ether          | 108-20-3   | N.D.               | 3                                   | 5                                 | 5               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | 10,000             | 25                                  | 50                                | 50              |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 3                                   | 5                                 | 5               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 3                                   | 5                                 | 5               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | 240                | ug/l 50                             | ug/l 100                          | 1               |
| <b>GC Petroleum SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| <b>Hydrocarbons</b>                 |                             |            |                    |                                     |                                   |                 |
| 06609                               | TPH-DRO CA C10-C28          | n.a.       | 81                 | J 50                                | 100                               | 1               |

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name                  | Method       | Trial# | Batch#     | Analysis Date and Time | Analyst             | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|---------------------|-----------------|
| 10943   | UST VOCs by 8260B - Water      | SW-846 8260B | 1      | D121592AA  | 06/07/2012 15:05       | Daniel H Heller     | 5               |
| 10943   | UST VOCs by 8260B - Water      | SW-846 8260B | 1      | D121592AA  | 06/07/2012 15:27       | Daniel H Heller     | 50              |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 1      | D121592AA  | 06/07/2012 15:05       | Daniel H Heller     | 5               |
| 01163   | GC/MS VOA Water Prep           | SW-846 5030B | 2      | D121592AA  | 06/07/2012 15:27       | Daniel H Heller     | 50              |
| 01728   | TPH-GRO N. CA water C6-C12     | SW-846 8015B | 1      | 12159A20A  | 06/08/2012 17:11       | Marie D John        | 1               |
| 01146   | GC VOA Water Prep              | SW-846 5030B | 1      | 12159A20A  | 06/08/2012 17:11       | Marie D John        | 1               |
| 06609   | TPH-DRO CA C10-C28             | SW-846 8015B | 1      | 121570025A | 06/07/2012 19:18       | Nicholas R Rossi    | 1               |
| 02376   | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1      | 121570025A | 06/06/2012 10:00       | Cynthia J Salvatori | 1               |

\*=This limit was used in the evaluation of the final result

**Sample Description: QA-T-120531 NA Water**  
**Facility# 94800 BTST**  
**1700 Castro St-Oakland T0600102076 QA**

**LLI Sample # WW 6675461**  
**LLI Group # 1313143**  
**Account # 10991**

**Project Name: 94800**

Collected: 05/31/2012 10:55

Chevron

Submitted: 06/02/2012 09:30

6001 Bollinger Canyon Rd L4310

Reported: 06/13/2012 19:08

San Ramon CA 94583

CSOQA

| CAT No.                             | Analysis Name               | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|-------------------------------------|-----------------------------|------------|--------------------|-------------------------------------|-----------------------------------|-----------------|
| <b>GC/MS Volatiles SW-846 8260B</b> |                             |            |                    |                                     |                                   |                 |
| 10943                               | Benzene                     | 71-43-2    | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Ethylbenzene                | 100-41-4   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Methyl Tertiary Butyl Ether | 1634-04-4  | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Toluene                     | 108-88-3   | N.D.               | 0.5                                 | 1                                 | 1               |
| 10943                               | Xylene (Total)              | 1330-20-7  | N.D.               | 0.5                                 | 1                                 | 1               |
| <b>GC Volatiles SW-846 8015B</b>    |                             |            |                    |                                     |                                   |                 |
| 01728                               | TPH-GRO N. CA water C6-C12  | n.a.       | N.D.               | 50                                  | 100                               | 1               |

### General Sample Comments

State of California Lab Certification No. 2501

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

### Laboratory Sample Analysis Record

| CAT No. | Analysis Name              | Method       | Trial# | Batch#    | Analysis Date and Time | Analyst         | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|-----------------|-----------------|
| 10943   | BTEX/MTBE 8260 Water       | SW-846 8260B | 1      | D121592AA | 06/07/2012 13:34       | Daniel H Heller | 1               |
| 01163   | GC/MS VOA Water Prep       | SW-846 5030B | 1      | D121592AA | 06/07/2012 13:34       | Daniel H Heller | 1               |
| 01728   | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1      | 12159A20A | 06/08/2012 14:37       | Marie D John    | 1               |
| 01146   | GC VOA Water Prep          | SW-846 5030B | 1      | 12159A20A | 06/08/2012 14:37       | Marie D John    | 1               |

## Quality Control Summary

Client Name: Chevron

Group Number: 1313143

Reported: 06/13/12 at 07:08 PM

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.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

### Laboratory Compliance Quality Control

| <u>Analysis Name</u>        | <u>Blank Result</u>               | <u>Blank MDL**</u> | <u>Blank LOQ</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: D121592AA     | Sample number(s): 6675456-6675461 |                    |                  |                     |                 |                  |                        |            |                |
| t-Amyl methyl ether         | N.D.                              | 0.5                | 1                | ug/l                | 95              |                  | 66-120                 |            |                |
| Benzene                     | N.D.                              | 0.5                | 1                | ug/l                | 99              |                  | 77-121                 |            |                |
| t-Butyl alcohol             | N.D.                              | 2.                 | 5                | ug/l                | 99              |                  | 68-125                 |            |                |
| Ethanol                     | N.D.                              | 50.                | 250              | ug/l                | 101             |                  | 54-149                 |            |                |
| Ethyl t-butyl ether         | N.D.                              | 0.5                | 1                | ug/l                | 98              |                  | 66-120                 |            |                |
| Ethylbenzene                | N.D.                              | 0.5                | 1                | ug/l                | 97              |                  | 79-120                 |            |                |
| di-Isopropyl ether          | N.D.                              | 0.5                | 1                | ug/l                | 96              |                  | 71-124                 |            |                |
| Methyl Tertiary Butyl Ether | N.D.                              | 0.5                | 1                | ug/l                | 94              |                  | 68-121                 |            |                |
| Toluene                     | N.D.                              | 0.5                | 1                | ug/l                | 99              |                  | 79-120                 |            |                |
| Xylene (Total)              | N.D.                              | 0.5                | 1                | ug/l                | 97              |                  | 77-120                 |            |                |
| Batch number: 12159A07A     | Sample number(s): 6675456         |                    |                  |                     |                 |                  |                        |            |                |
| TPH-GRO N. CA water C6-C12  | N.D.                              | 50.                | 100              | ug/l                | 118             | 118              | 75-135                 | 0          | 30             |
| Batch number: 12159A20A     | Sample number(s): 6675457-6675461 |                    |                  |                     |                 |                  |                        |            |                |
| TPH-GRO N. CA water C6-C12  | N.D.                              | 50.                | 100              | ug/l                | 91              | 90               | 75-135                 | 1          | 30             |
| Batch number: 121560010A    | Sample number(s): 6675456-6675459 |                    |                  |                     |                 |                  |                        |            |                |
| TPH-DRO CA C10-C28          | N.D.                              | 32.                | 100              | ug/l                | 94              | 94               | 56-122                 | 0          | 20             |
| Batch number: 121570025A    | Sample number(s): 6675460         |                    |                  |                     |                 |                  |                        |            |                |
| TPH-DRO CA C10-C28          | N.D.                              | 32.                | 100              | ug/l                | 88              | 88               | 56-122                 | 0          | 20             |

### Sample Matrix Quality Control

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

| <u>Analysis Name</u>        | <u>MS %REC</u>                                   | <u>MSD %REC</u> | <u>MS/MSD Limits</u> | <u>RPD</u> | <u>RPD MAX</u> | <u>BKG Conc</u> | <u>DUP Conc</u> | <u>DUP RPD</u> | <u>Dup RPD Max</u> |
|-----------------------------|--|-----------------|----------------------|------------|----------------|-----------------|-----------------|----------------|--------------------|
| Batch number: D121592AA     | Sample number(s): 6675456-6675461 UNSPK: 6675459 |                 |                      |            |                |                 |                 |                |                    |
| t-Amyl methyl ether         | 94   | 86              | 65-117               | 9          | 30             |                 |                 |                |                    |
| Benzene                     | 109  | 93              | 72-134               | 16         | 30             |                 |                 |                |                    |
| t-Butyl alcohol             | 101  | 84              | 67-119               | 14         | 30             |                 |                 |                |                    |
| Ethanol                     | 145  | 110             | 53-146               | 27         | 30             |                 |                 |                |                    |
| Ethyl t-butyl ether         | 101  | 90              | 74-122               | 12         | 30             |                 |                 |                |                    |
| Ethylbenzene                | 106  | 97              | 71-134               | 8          | 30             |                 |                 |                |                    |
| di-Isopropyl ether          | 100  | 88              | 70-129               | 13         | 30             |                 |                 |                |                    |
| Methyl Tertiary Butyl Ether | 94   | 69*             | 72-126               | 15         | 30             |                 |                 |                |                    |
| Toluene                     | 109  | 98              | 80-125               | 11         | 30             |                 |                 |                |                    |
| Xylene (Total)              | 106  | 97              | 79-125               | 9          | 30             |                 |                 |                |                    |

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

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



## Quality Control Summary

Client Name: Chevron

Group Number: 1313143

Reported: 06/13/12 at 07:08 PM

### 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</u><br><u>%REC</u> | <u>MSD</u><br><u>%REC</u> | <u>MS/MSD</u><br><u>Limits</u> | <u>RPD</u><br><u>MAX</u> | <u>BKG</u><br><u>Conc</u> | <u>DUP</u><br><u>Conc</u> | <u>DUP</u><br><u>RPD</u> | <u>Dup RPD</u><br><u>Max</u> |
|----------------------|--------------------------|---------------------------|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|------------------------------|
|----------------------|--------------------------|---------------------------|--------------------------------|--------------------------|---------------------------|---------------------------|--------------------------|------------------------------|

### Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water

Batch number: D121592AA

|         | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 6675456 | 105                  | 98                    | 96         | 91                   |
| 6675457 | 104                  | 101                   | 98         | 94                   |
| 6675458 | 105                  | 100                   | 97         | 92                   |
| 6675459 | 102                  | 101                   | 98         | 93                   |
| 6675460 | 100                  | 97                    | 98         | 93                   |
| 6675461 | 104                  | 101                   | 98         | 94                   |
| Blank   | 103                  | 99                    | 100        | 94                   |
| LCS     | 101                  | 101                   | 98         | 100                  |
| MS      | 101                  | 101                   | 98         | 102                  |
| MSD     | 99                   | 98                    | 98         | 101                  |

Limits: 80-116      77-113      80-113      78-113

Analysis Name: TPH-GRO N. CA water C6-C12

Batch number: 12159A07A

|         | Trifluorotoluene-F |
|---------|--------------------|
| 6675456 | 92                 |
| Blank   | 87                 |
| LCS     | 100                |
| LCSD    | 101                |

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12

Batch number: 12159A20A

|         | Trifluorotoluene-F |
|---------|--------------------|
| 6675457 | 85                 |
| 6675458 | 85                 |
| 6675459 | 85                 |
| 6675460 | 114                |
| 6675461 | 85                 |
| Blank   | 84                 |
| LCS     | 108                |
| LCSD    | 107                |

Limits: 63-135

Analysis Name: TPH-DRO CA C10-C28

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

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

## Quality Control Summary

Client Name: Chevron  
Reported: 06/13/12 at 07:08 PM

Group Number: 1313143

### Surrogate Quality Control

Batch number: 121560010A  
Orthoterphenyl

---

|         |     |
|---------|-----|
| 6675456 | 94  |
| 6675457 | 99  |
| 6675458 | 91  |
| 6675459 | 94  |
| Blank   | 95  |
| LCS     | 107 |
| LCSD    | 106 |

---

Limits: 50-154

Analysis Name: TPH-DRO CA C10-C28  
Batch number: 121570025A  
Orthoterphenyl

---

|         |     |
|---------|-----|
| 6675460 | 94  |
| Blank   | 89  |
| LCS     | 104 |
| LCSD    | 105 |

---

Limits: 50-154

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

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

Chevron Site Number: 94800  
 Chevron Site Global ID: T0600102076  
 Chevron Site Address: 1700 Casrto St., Oakland, CA  
 Chevron PM: DAVE PATTEN  
 Chevron PM Phone No.: (925)790-6491  
 Retail and Terminal Business Unit (RTBU) Job  
 Construction/Retail Job

Chevron Consultant: CRA  
 Address: 5900 Hollis St. Suite A Emeryville,  
 CA Consultant Contact: Nathan Lee  
 Consultant Phone No. 510-420-3333  
 Consultant Project No. 120531-BW1  
 Sampling Company: Blaine Tech Services  
 Sampled By (Print): Brian Weeks  
 Sampler Signature: [Signature]

**ANALYSES REQUIRED**

PH-G  BTEX  GRO  DRO  HC SCREEN  HVOC  OXYGENATES  
 MTBE  GRO  GRO  MTBE  STLC  
 EPA 8015B  EPA 8021B BTEX  EPA 6010 Ca, Fe, K, Mg, Mn, Na  
 EPA 6010/7000 TITLE 22 METALS  EPA 310.1 ALKALINITY  
 EPA 150.1 PH  SM2510B SPECIFIC CONDUCTIVITY  
 EPA 418.1 TRPH  EPA 413.1 OIL & GREASE  
 EPA 8260  ETHANOL  EPA 8045  OXYGENATES

Preservation Codes  
 H = HCL T = Thiosulfate  
 N = HNO<sub>3</sub> B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub> O = Other  
acct # 10991  
Co # 1313143  
sample # 6675456-61

Charge Code: NWRTB-0094800-0-OML  
 NWRTB 00SITE NUMBER-0- WBS  
**(WBS ELEMENTS:**  
 SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L  
 SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L  
**THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.**

**Lancaster Laboratories**  
 Lancaster, PA  
 Lab Contact: Jill Parker  
 2425 New Holland Pike,  
 Lancaster, PA 17601  
 Phone No:  
 (717)656-2300

| Other Lab | Temp. Blank Check Time | Temp.      |
|-----------|------------------------|------------|
|           | <u>1100</u>            | <u>2°C</u> |
|           | <u>1400</u>            | <u>2°C</u> |
|           | <u>1600</u>            | <u>2°C</u> |
|           |                        |            |
|           |                        |            |

| SAMPLE ID        |        |           |               | Sample Time | # of Containers | Container Type | ANALYSES REQUIRED |      |      |     |     |           |      |      |                      |                               |                |          | Notes/Comments |
|------------------|--------|-----------|---------------|-------------|-----------------|----------------|-------------------|------|------|-----|-----|-----------|------|------|----------------------|-------------------------------|----------------|----------|----------------|
| Field Point Name | Matrix | Top Depth | Date (yymmdd) |             |                 |                | EPA 8260B/GC/MS   | IPHG | BTEX | GRO | DRO | HC SCREEN | MTBE | STLC | EPA 310.1 ALKALINITY | SM2510B SPECIFIC CONDUCTIVITY | EPA 418.1 TRPH | EPA 8260 |                |
| MW-1             | W      |           | 120531        | 1215        | 8               | VOA, Amber     | X                 | X    |      |     |     |           |      |      |                      |                               |                |          |                |
| MW-2             | W      |           | 120531        | 1430        | 8               |                | X                 | X    |      |     |     |           |      |      |                      |                               |                |          |                |
| MW-3             | W      |           | 120531        | 1245        | 8               |                | X                 | X    |      |     |     |           |      |      |                      |                               |                |          |                |
| MW-4             | W      |           | 120531        | 1400        | 8               |                | X                 | X    |      |     |     |           |      |      |                      |                               |                |          |                |
| MW-7             | W      |           | 120531        | 1325        | 8               |                | X                 | X    |      |     |     |           |      |      |                      |                               |                |          |                |
| QA               | T      |           | 120531        | 1055        | 2               | VOA            | X                 | X    |      |     |     |           |      |      |                      |                               |                |          | NO DRO         |

Relinquished By: [Signature] Company: BTS Date/Time: 5/31/12 1625  
 Relinquished By: [Signature] Company: CCI Date/Time: 6/1/12 1140  
 Relinquished By: [Signature] Company: CCI Date/Time: 6/1/12 1630

Relinquished To: [Signature] Company: BTS Date/Time: 5/31/12 1625  
 Relinquished To: [Signature] Company: CCI Date/Time: 6/1/12 1140  
 Relinquished To: [Signature] Company: CCI Date/Time: 6/1/12 1630

Turnaround Time: Standard  24 Hours  48 hours  72 Hours  
 Sample Integrity: (Check by lab on arrival)  
 Intact:  On Ice:  Temp: low  
 COC #

[Signature] CCI 6/1/12 1630

# 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>µg</b>               | microgram(s)   | <b>mg</b>       | milligram(s)                     |
| <b>mL</b>               | milliliter(s)  | <b>L</b>        | liter(s)                         |
| <b>m<sup>3</sup></b>    | cubic meter(s)   | <b>µL</b>       | microliter(s)                    |
|                         |  | <b>pg/L</b>     | picogram/liter                   |
| <b>&lt;</b>             | less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.  |                 |                                  |
| <b>&gt;</b>             | greater than   |                 |                                  |
| <b>ppm</b>              | parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas. |                 |                                  |
| <b>ppb</b>              | parts per billion  |                 |                                  |
| <b>Dry weight basis</b> | Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.   |                 |                                  |

## Data Qualifiers:

**C** – result confirmed by reanalysis.

**J** - estimated value – The result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).

## 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.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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