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11:18 am, Nov 02, 2011

Alameda County
Environmental Health

Ian Robb
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6692
Fax (925) 549-1441
irobbs@chevron.com

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

Re: Former Signal Oil Station No. 20-6145
800 Center Street
Oakland, CA

I have reviewed the attached report dated October 31, 2011.

I agree with the conclusions and recommendations presented in the referenced report. This 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 who 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,

A handwritten signature in blue ink, appearing to read "I. Robb".

Ian Robb
Project Manager

Attachment: Second Semi-Annual 2011 Groundwater Monitoring and Sampling Report



**CONESTOGA-ROVERS
& ASSOCIATES**

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

October 31, 2011

Reference No. 312002

Mr. Mark Detterman
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Second Semi-Annual 2011
Groundwater Monitoring and Sampling Report
Former Signal Oil Service Station 20-6145
800 Center Street
Oakland, California
ACEH Case RO0000454

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting this *Second Semi-Annual 2011 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Gettler-Ryan, Inc. (G-R) of Dublin, California. G-R's August 17, 2011 *Groundwater Monitoring and Sampling Data Package* is included as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' August 18, 2011 *Analytical Results* is included as Attachment B. Historical groundwater monitoring and sampling data are included as Attachment C.

RESULTS OF SECOND SEMI-ANNUAL EVENT

On August 4, 2011, G-R monitored and sampled the site wells per the established schedule. Results of the current monitoring event indicate the following:

- Groundwater Flow Direction Southwest (Figure 2)
- Hydraulic Gradient 0.004
- Depth to Water Shallow - approximately 8 to 10 feet below grade (fbg)
Intermediate - approximately 9 fbg
Deep - approximately 10 to 11 fbg

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Employer



October 31, 2011

Reference No. 312002

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

| TABLE A: GROUNDWATER ANALYTICAL DATA | | | | | | | |
|--------------------------------------|---|----------------|-------------------|-------------------|------------------------|----------------------------|----------------|
| Well ID | TPHd w/ Si Gel (µg/L) | TPHg (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) |
| ESLs | 100 | 1 | 40 | 30 | 20 | 5 | 12 |
| MW-1A | 750 | <50 | 0.9 | <0.5 | <0.5 | <1.5 | <2.5 |
| MW-2 | 99 | 1,500 | 43 | 100 | 1.4 | 47 | 34 |
| MW-3 | 2,100 | 1,200 | 6.5 | 4.6 | 110 | 8.9 | 16 |
| MW-4 | 940 | 590 | 110 | 9.0 | 10 | 4.6 | 4.4 |
| MW-5 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| MW-6 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| MW-7 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| MW-8 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 |
| MW-9 | Sampled bi-annually during third quarter | | | | | | |
| MW-10 | | | | | | | |
| MW-11 | | | | | | | |
| MW-12 | | | | | | | |
| MW-13 | | | | | | | |
| MW-14 | | | | | | | |
| MW-15 | | | | | | | |
| MW-16 | | | | | | | |
| MW-17 | | | | | | | |
| µg/L | Micrograms per liter | | | | | | |
| < | Indicates constituent was not detected at or above laboratory reporting limit. | | | | | | |
| NA | Not analyzed | | | | | | |
| ESL | RWQCB-San Francisco Bay Region, <i>Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater</i> , Interim final, November 2007, revised May 2008, Table F1-a. | | | | | | |



**CONESTOGA-ROVERS
& ASSOCIATES**

October 31, 2011

Reference No. 312002

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CONCLUSIONS AND RECOMMENDATIONS

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

- Dissolved hydrocarbons are detected in shallow onsite wells MW-1A, MW-2, and MW-3 and offsite well MW-4 and are laterally defined downgradient by MW-6 and MW-8, crossgradient by MW-5 and upgradient by MW-7.
- Analytical results from wells MW-9 through MW-14 vertically define hydrocarbons in groundwater.
- Dissolved hydrocarbons in shallow groundwater are fluctuating but decreasing overall.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring

G-R will monitor and sample site wells per the established schedule. CRA will submit a groundwater monitoring and sampling report.

Revised Feasibility Study and Corrective Action Plan

As requested by Alameda County Environmental Health in an August 17, 2011 letter, CRA will prepare and submit a *Revised Feasibility Study and Corrective Action Plan*, including a preferential pathway study and a list of interested parties by November 30, 2011.



**CONESTOGA-ROVERS
& ASSOCIATES**

October 31, 2011

Reference No. 312002

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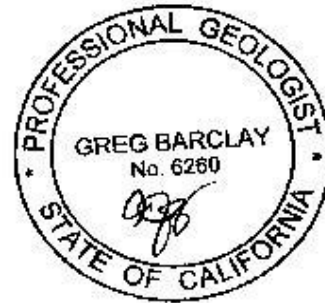
Please contact Kiersten Hoey at (510) 420-3347 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Kiersten Hoey

Greg Barclay, PG 6260



KH/aa/19
Encl.

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

cc: Mr. Ian Robb, Chevron (*electronic copy*)
Mr. Rene Boisvert, 800 Center LLC

FIGURES

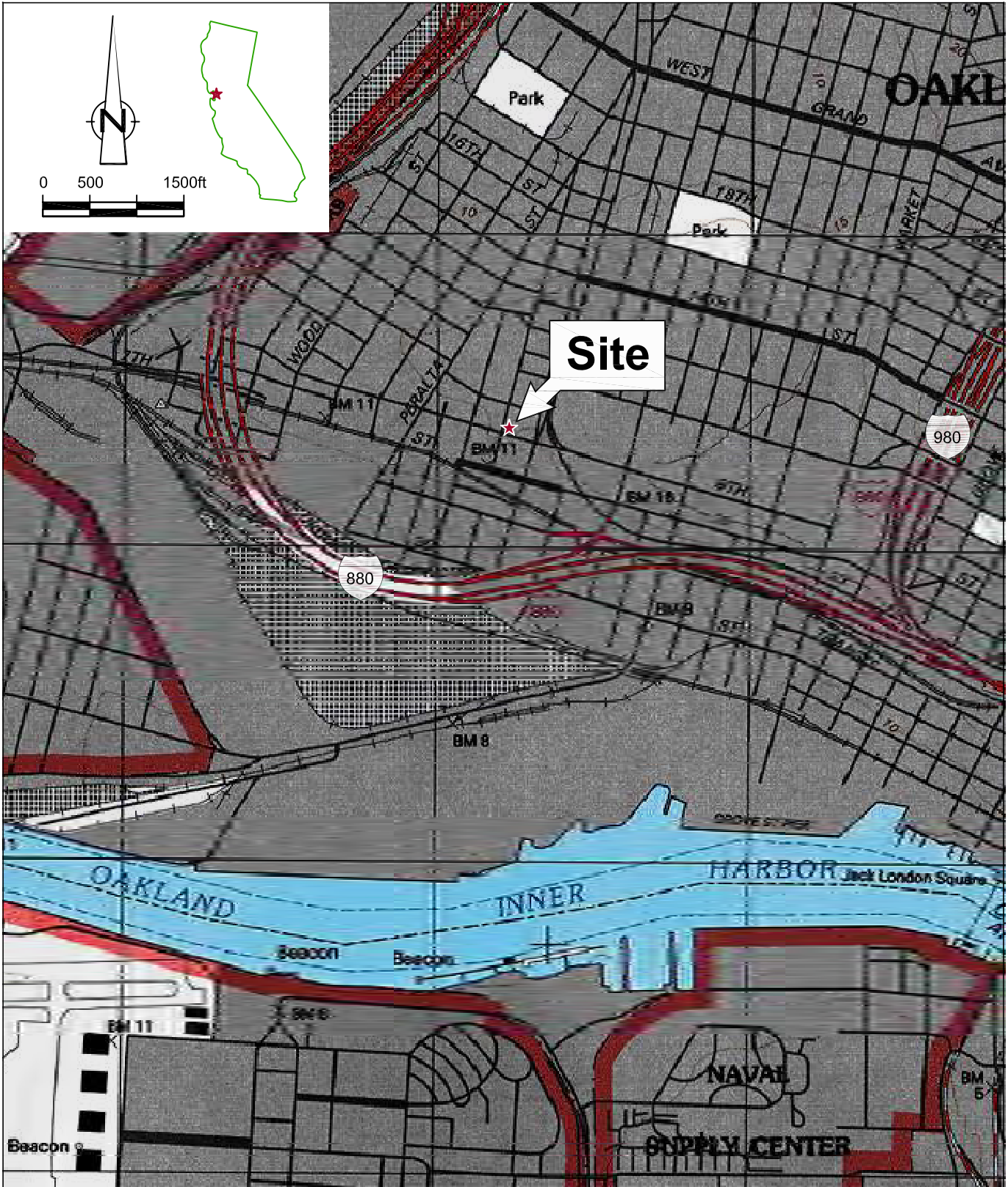


Figure 1
 VICINITY MAP
 FORMER CHEVRON SERVICE STATION 20-6145
 800 CENTER STREET
 Oakland, California



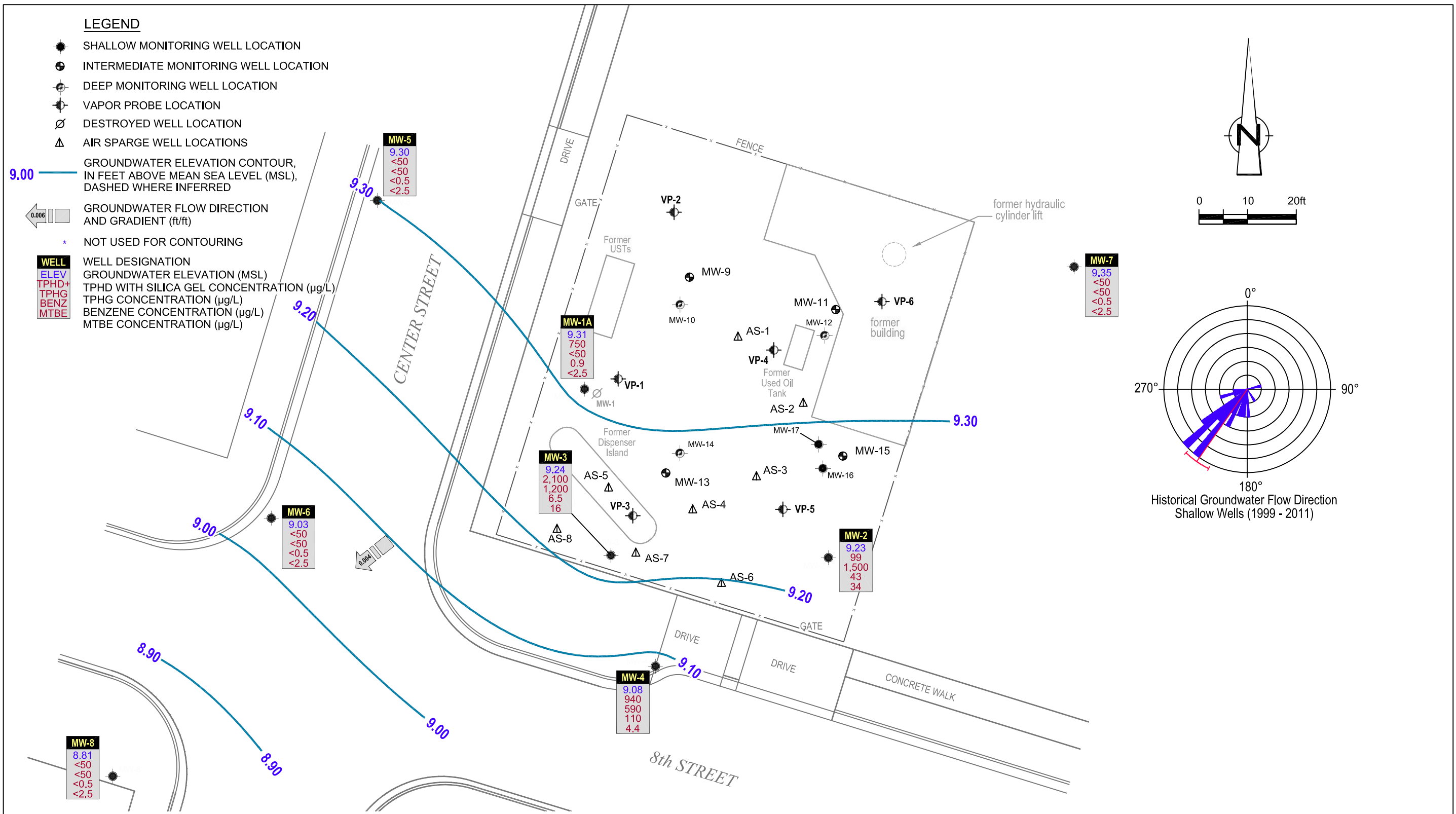


Figure 2
 SHALLOW GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
 FORMER SIGNAL OIL SERVICE STATION 20-6145
 800 CENTER STREET
 Oakland, California
 August 4, 2011



TABLE

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER SIGNAL OIL SERVICE 20-6145
 800 CENTER STREET
 OAKLAND, CALIFORNIA

| Location | Date | TOC | DTW | GWE | HYDROCARBONS | | PRIMARY VOCS | | | | | GENERAL CHEMISTRY | | | | | |
|--------------|-------------------------------|--------------|-------------|-------------|-------------------|---------------|--------------|----------------|----------------|----------------|----------------|-------------------|------------------|----------------|----------------------|----------------------|---------------|
| | | | | | TPH-DRO w/ Si Gel | TPH-GRO | B | T | E | X | MTBE by SW8021 | Carbon dioxide | Nitrate Nitrogen | Sulfate | Alkalinity to pH 4.5 | Alkalinity to pH 8.3 | Ferrous Iron |
| | 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 |
| MW-1A | 09/03/2010 ¹ | 18.11 | 9.54 | 8.57 | 590 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-1A | 02/03/2011 ¹ | 18.11 | 8.05 | 10.06 | 840 | 100 | 2.5 | 0.6 | 6.7 | 2.0 | <2.5 | - | - | - | - | - | - |
| MW-1A | 05/04/2011 ^{1,7} | 18.11 | 7.16 | 10.95 | 1,500 | <50 | 6.7 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-1A | 08/04/2011¹ | 18.11 | 8.80 | 9.31 | 750 | <50 | 0.9 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-2 | 09/03/2010 ¹ | 18.40 | 9.98 | 8.42 | 130 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-2 | 02/03/2011 ¹ | 18.40 | 8.61 | 9.79 | 430 | 75 | <0.5 | <0.5 | <0.5 | <1.5 | 8.9 | - | - | - | - | - | - |
| MW-2 | 05/04/2011 ^{1,7} | 18.40 | 4.55 | 13.85 | 160 | 1,300 | 12 | 48 | 0.7 | 47 | <100 | - | - | - | - | - | - |
| MW-2 | 08/04/2011¹ | 18.40 | 9.17 | 9.23 | 99 | 1,500 | 43 | 100 | 1.4 | 47 | 34 | - | - | - | - | - | - |
| MW-3 | 09/03/2010 | - | - | - | - | - | - | - | - | - | - | 160,000 | 390 | 45,900 | 531,000 | <460 | 21,500 |
| MW-3 | 09/03/2010 ¹ | 18.07 | 9.70 | 8.37 | 4,000 | 32,000 | 65 | 690 | 3,100 | 4,900 | 380 | - | - | - | - | - | - |
| MW-3 | 02/03/2011 ¹ | 18.07 | 8.39 | 9.68 | 1,400 | 2,000 | 17 | 34 | 250 | 190 | 26 | 44,000 | <250 | 180,000 | 385,000 | <460 | 28,500 |
| MW-3 | 05/04/2011 ^{1,7} | 18.07 | 7.30 | 10.77 | 340 | 57 | <0.5 | 1.1 | 3.8 | 7.7 | <2.5 | 20,000 | <250 | 222,000 | 310,000 | <460 | 10,500 |
| MW-3 | 08/04/2011¹ | 18.07 | 8.83 | 9.24 | 2,100 | 1,200 | 6.5 | 4.6 | 110 | 8.9 | 16 | 68,000 | 350 | 275,000 | 362,000 | <460 | 32,500 |
| MW-4 | 09/03/2010 | - | - | - | - | - | - | - | - | - | - | 210,000 | <250 | 2,000 | 400,000 | <460 | 7,500 |
| MW-4 | 09/03/2010 ¹ | 16.98 | 8.63 | 8.35 | 400 | 310 | <5.0 | <0.5 | 1.2 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-4 | 02/03/2011 ¹ | 16.98 | 7.43 | 9.55 | 160 | 55 | 1.6 | <0.5 | <0.5 | <1.5 | <2.5 | 75,000 | <250 | 52,600 | 309,000 | <460 | 4,100 |
| MW-4 | 05/04/2011 ^{1,7} | 16.98 | 6.32 | 10.66 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | 76,000 | <250 | 16,700 | 183,000 | <460 | 2,600 |
| MW-4 | 08/04/2011¹ | 16.98 | 7.90 | 9.08 | 940 | 590 | 110 | 9.0 | 10 | 4.6 | 4.4 | 130,000 | <250 | 68,900 | 361,000 | <460 | 4,200 |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER SIGNAL OIL SERVICE 20-6145
 800 CENTER STREET
 OAKLAND, CALIFORNIA

| Location | Date | TOC | DTW | GWE | HYDROCARBONS | | PRIMARY VOCS | | | | | GENERAL CHEMISTRY | | | | | |
|-------------|-----------------------------|--------------|-------------|-------------|-------------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------------|---------|----------------------|----------------------|--------------|
| | | | | | TPH-DRO w/ Si Gel | TPH-GRO | B | T | E | X | MTBE by SW8021 | Carbon dioxide | Nitrate Nitrogen | Sulfate | Alkalinity to pH 4.5 | Alkalinity to pH 8.3 | Ferrous Iron |
| | 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 |
| MW-5 | 09/03/2010 ¹ | 17.68 | 9.28 | 8.40 | 62 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-5 | 02/03/2011 ¹ | 17.68 | 7.83 | 9.85 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-5 | 05/04/2011 ^{1,7} | 17.68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-5 | 08/04/2011 | 17.68 | 8.38 | 9.30 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-6 | 09/03/2010 ¹ | 17.33 | 9.13 | 8.20 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-6 | 02/03/2011 ¹ | 17.33 | 7.65 | 9.68 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-6 | 05/04/2011 ^{1,7} | 17.33 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-6 | 08/04/2011 | 17.33 | 8.30 | 9.03 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-7 | 09/03/2010 ¹ | 19.26 | 10.74 | 8.52 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-7 | 02/03/2011 ¹ | 19.26 | 9.20 | 10.06 | 220 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-7 | 05/04/2011 ^{1,7} | 19.26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-7 | 08/04/2011 | 19.26 | 9.91 | 9.35 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-8 | 09/03/2010 ¹ | 17.79 | 9.75 | 8.04 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-8 | 02/03/2011 ¹ | 17.79 | 8.46 | 9.33 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-8 | 05/04/2011 ^{1,7} | 17.79 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-8 | 08/04/2011 | 17.79 | 8.98 | 8.81 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - |
| MW-9 | 09/03/2010 ² | 18.42 | 10.01 | 8.41 | 95 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - |
| MW-9 | 02/03/2011 ^{2,4,5} | 18.42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

**GROUNDWATER MONITORING AND SAMPLING DATA
FORMER SIGNAL OIL SERVICE 20-6145
800 CENTER STREET
OAKLAND, CALIFORNIA**

| Location | Date | TOC | DTW | GWE | HYDROCARBONS | | PRIMARY VOCS | | | | | GENERAL CHEMISTRY | | | | | | |
|--------------|-----------------------------------|--------------|--------------|-------------|-------------------|---------|--------------|------|------|------|----------------|-------------------|------------------|---------|----------------------|----------------------|--------------|------|
| | | | | | TPH-DRO w/ Si Gel | TPH-GRO | B | T | E | X | MTBE by SW8021 | Carbon dioxide | Nitrate Nitrogen | Sulfate | Alkalinity to pH 4.5 | Alkalinity to pH 8.3 | Ferrous Iron | |
| | 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 |
| MW-9 | 05/04/2011 ^{2,4,5,7} | 18.42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-9 | 08/04/2011^{2,4,5} | 18.42 | 9.13 | 9.29 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 09/03/2010 ³ | 17.99 | 10.35 | 7.64 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - | - |
| MW-10 | 02/03/2011 ^{3,4,5} | 17.99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 05/04/2011 ^{3,4,5,7} | 17.99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-10 | 08/04/2011^{3,4,5} | 17.99 | 10.60 | 7.39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 09/03/2010 ² | 18.68 | 10.21 | 8.47 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - | - |
| MW-11 | 02/03/2011 ^{2,4,5} | 18.68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 05/04/2011 ^{2,4,5,7} | 18.68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-11 | 08/04/2011^{2,4,5} | 18.68 | 9.35 | 9.33 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 09/03/2010 ³ | 18.46 | 11.05 | 7.41 | 65 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - | - |
| MW-12 | 02/03/2011 ^{3,4,5} | 18.46 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 05/04/2011 ^{3,4,5,7} | 18.46 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-12 | 08/04/2011^{3,4,5} | 18.46 | 9.63 | 8.83 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 09/03/2010 ² | 18.43 | 10.09 | 8.34 | 58 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - | - |
| MW-13 | 02/03/2011 ^{2,4,5} | 18.43 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 05/04/2011 ^{2,4,5,7} | 18.43 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-13 | 08/04/2011^{2,4,5} | 18.43 | 9.27 | 9.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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 FORMER SIGNAL OIL SERVICE 20-6145
 800 CENTER STREET
 OAKLAND, CALIFORNIA

| Location | Date | TOC | DTW | GWE | HYDROCARBONS | | PRIMARY VOCS | | | | | GENERAL CHEMISTRY | | | | | |
|--------------|-----------------------------------|--------------|--------------|-------------|-------------------|---------|--------------|------|------|------|----------------|-------------------|------------------|---------|----------------------|----------------------|--------------|
| | | | | | TPH-DRO w/ Si Gel | TPH-GRO | B | T | E | X | MTBE by SW8021 | Carbon dioxide | Nitrate Nitrogen | Sulfate | Alkalinity to pH 4.5 | Alkalinity to pH 8.3 | Ferrous Iron |
| | 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 |
| MW-14 | 09/03/2010 ³ | 18.59 | 11.52 | 7.07 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - |
| MW-14 | 02/03/2011 ^{3,4,5} | 18.59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 05/04/2011 ^{3,4,5,7} | 18.59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-14 | 08/04/2011^{3,4,5} | 18.59 | 9.99 | 8.60 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-15 | 09/03/2010 ² | 18.38 | 9.95 | 8.43 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - |
| MW-15 | 02/03/2011 ^{2,4,5} | 18.38 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-15 | 05/04/2011 ^{2,4,5,7} | 18.38 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-15 | 08/04/2011^{2,4,5} | 18.38 | 9.13 | 9.25 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-16 | 09/03/2010 ³ | 18.57 | 10.95 | 7.62 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - |
| MW-16 | 02/03/2011 ^{3,4,5} | 18.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-16 | 05/04/2011 ^{3,4,5,7} | 18.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-16 | 08/04/2011^{3,4,5} | 18.57 | 10.13 | 8.44 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-17 | 09/03/2010 ³ | 18.55 | 10.81 | 7.74 | 67 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | - | - | - | - | - | - | - |
| MW-17 | 02/03/2011 ^{3,4,5} | 18.55 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-17 | 05/04/2011 ^{3,4,5,7} | 18.55 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MW-17 | 08/04/2011^{3,4,5} | 18.55 | 10.00 | 8.55 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-1 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER SIGNAL OIL SERVICE 20-6145
 800 CENTER STREET
 OAKLAND, CALIFORNIA

| Location | Date | TOC | DTW | GWE | HYDROCARBONS | | PRIMARY VOCS | | | | | GENERAL CHEMISTRY | | | | | |
|----------|-------------------------|-----|-----|---------|-------------------|---------|--------------|------|------|------|----------------|-------------------|------------------|---------|----------------------|----------------------|--------------|
| | | | | | TPH-DRO w/ Si Gel | TPH-GRO | B | T | E | X | MTBE by SW8021 | Carbon dioxide | Nitrate Nitrogen | Sulfate | Alkalinity to pH 4.5 | Alkalinity to pH 8.3 | Ferrous Iron |
| | 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 |
| AS-1 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-1 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-2 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-2 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-2 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-3 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-3 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-3 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-4 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-4 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-4 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-5 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-5 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-5 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-6 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-6 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-6 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER SIGNAL OIL SERVICE 20-6145
 800 CENTER STREET
 OAKLAND, CALIFORNIA

| Location | Date | TOC | DTW | GWE | HYDROCARBONS | | PRIMARY VOCS | | | | | GENERAL CHEMISTRY | | | | | | |
|----------|-------------------------|-----|-----|---------|-------------------|---------|--------------|------|------|------|----------------|-------------------|------------------|---------|----------------------|----------------------|--------------|------|
| | | | | | TPH-DRO w/ Si Gel | TPH-GRO | B | T | E | X | MTBE by SW8021 | Carbon dioxide | Nitrate Nitrogen | Sulfate | Alkalinity to pH 4.5 | Alkalinity to pH 8.3 | Ferrous Iron | |
| | 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 |
| AS-7 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-7 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-7 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-8 | 02/03/2011 ⁶ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-8 | 05/04/2011 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AS-8 | 08/04/2011 ⁸ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA | 09/03/2010 | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - | - |
| QA | 02/03/2011 | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - | - |
| QA | 05/04/2011 | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - | - |
| QA | 08/04/2011 | - | - | - | - | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | - | - | - | - | - | - | - |

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

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER SIGNAL OIL SERVICE 20-6145
 800 CENTER STREET
 OAKLAND, CALIFORNIA

| Location | Date | TOC | DTW | GWE | HYDROCARBONS | | PRIMARY VOCS | | | | | GENERAL CHEMISTRY | | | | | |
|----------|-------|-----|-----|---------|-------------------|---------|--------------|------|------|------|----------------|-------------------|------------------|---------|----------------------|----------------------|--------------|
| | | | | | TPH-DRO w/ Si Gel | TPH-GRO | B | T | E | X | MTBE by SW8021 | Carbon dioxide | Nitrate Nitrogen | Sulfate | Alkalinity to pH 4.5 | Alkalinity to pH 8.3 | Ferrous Iron |
| | 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 |

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

VOCS = Volatile Organic Compounds

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene

MTBE = Methyl tert butyl ether

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

- 1 Shallow Well
- 2 Intermediate Well
- 3 Deep Well
- 4 Monitored annually during the third quarter
- 5 Sampled bi-annually during the third quarter
- 6 Not able to access well. Well connected to Air Sparge System
- 7 Special Sampling Event
- 8 Not monitored or sampled.

ATTACHMENT A

MONITORING DATA PACKAGE



TRANSMITTAL

August 17, 2011
G-R #386492

TO: Ms. Kiersten Hoey
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

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

**RE: Former Chevron (Signal Oil)
Service Station #206145 (S-800)
800 Center Street
Oakland, California
RO 0000454**

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DESCRIPTION |
|---------------|--|
| VIA PDF | Groundwater Monitoring and Sampling Data Package Second Semi-Annual Event of August 4, 2011 |

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/206145

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #206145
 Site Address: 800 Center Street
 City: Oakland, CA

Job #: 386492
 Event Date: 8.4.11
 Sampler: FT & GM

| WELL ID | Vault Frame Condition | Gasket/O-Ring (M)missing | BOLTS (M) Missing (R) Replaced | Bolt Flanges B= Broken S= Stripped R=Retap | APRON Condition C=Cracked B=Broken G=Gone | Grout Seal (Deficient) inches from TOC | Casing (Condition prevents tight cap seal) | REPLACE LOCK Y/N | REPLACE CAP Y/N | WELL VAULT Manufacture/Size/ # of Bolts | Pictures Taken Yes/No |
|----------------|-----------------------|--------------------------|--------------------------------|---|--|--|--|------------------|-----------------|--|-----------------------|
| MW-1A | OK | | → | 1 BROKEN BOLT IN FLANGE | OK | → | | | | MONNISON 6" 2 | |
| MW-2 | | | → | S=2 | OK | → | | | | MONNISON 8" 2 | |
| MW-3 | | (M) | → | B=3 | OK | → | | | | BOANT L. 8" 3 | |
| MW-4 | | | → | S=2 | OK | → | | | | MONNISON 8" 2 | |
| MW-5 | | | → | S=2 | OK | → | | | | ↓ ↓ | |
| MW-6 | | | → | S=2 | OK | → | | | | | |
| MW-7 | | | → | | | → | | | | EMCO 8" 2 | |
| MW-8 | | | → | S=2 | OK | → | | | | MONNISON 8" 2 | |
| MW-9 | | | → | | | → | | | | EMCO 12" 2 | |
| MW-10 | | | → | | | → | | | | | |
| MW-11 | | | → | | | → | | | | | |
| MW-12 | | | → | | | → | | | | | |
| MW-13 | | | → | | | → | | | | | |
| MW-14 | | | → | | | → | | | | | |
| MW-15 | | | → | | | → | | | | | |
| MW-16 | | | → | | | → | | | | | |
| Comments MW-17 | | | → | | | → | | | | | |

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8.4.11 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-1A
 Well Diameter: 2 in.
 Total Depth: 16.71 ft.
 Depth to Water: 8.80 ft.

Date Monitored: 8.4.11

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.38
 xVF = 0.17 = 1.34 x3 case volume = Estimated Purge Volume: 40 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1205 Weather Conditions: FOL
 Sample Time/Date: 1224 / 8.4.11 Water Color: CLEAR Odor: 0 / N MODERATE
 Approx. Flow Rate: _____ gpm. Sediment Description: NONE
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.85

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (° / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|---------------------|-----------------|------------|
| <u>1208</u> | <u>1.5</u> | <u>6.98</u> | <u>545</u> | <u>19.5</u> | <u>PRE: 1.7</u> | <u>-25</u> |
| <u>1211</u> | <u>3.0</u> | <u>6.96</u> | <u>547</u> | <u>19.6</u> | | |
| <u>1214</u> | <u>4.0</u> | <u>6.94</u> | <u>550</u> | <u>19.7</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|--------------|-------------------------|---------|---------------|------------|-------------------------------|
| <u>MW-1A</u> | <u>3</u> x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | <u>2</u> x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: MORRISON 6" (1 BEAKER BOLT IN FLANGE)

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8.4.11 (inclusive)
 City: Oakland, CA Sampler: FR

Well ID: MW-2 Date Monitored: 8.4.11

Well Diameter: 2 in.

Total Depth: 13.43 ft.

Depth to Water: 9.17 ft.

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

Check if water column is less than 0.50 ft.

4.26 xVF .17 = .72 x3 case volume = Estimated Purge Volume: 2.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.02

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1120 Weather Conditions: Fog
 Sample Time/Date: 1150 / 8.4.11 Water Color: CLEAN Odor: DIN STRONG
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9.24

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (° F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|-------------------|-----------------|-----------|
| <u>1123</u> | <u>.75</u> | <u>7.16</u> | <u>524</u> | <u>20.1</u> | <u>PRE: 1.9</u> | <u>75</u> |
| <u>1126</u> | <u>1.5</u> | <u>7.14</u> | <u>520</u> | <u>19.6</u> | | |
| <u>1140</u> | <u>2.0</u> | <u>7.11</u> | <u>516</u> | <u>19.4</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|--------------------------|---------|---------------|------------|-------------------------------|
| <u>MW-2</u> | <u>3</u> x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | <u>2</u> -x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: MORRISON 8" (2SF)

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8.4.11 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-3
 Well Diameter: 2 in.
 Total Depth: 14.03 ft.
 Depth to Water: 8.83 ft.

Date Monitored: 8.4.11

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

Check if water column is less than 0.50 ft.

5.20 xVF .17 = .88 x3 case volume = Estimated Purge Volume: 2.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.87

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1240 Weather Conditions: Fog
 Sample Time/Date: 1300 8.4.11 Water Color: gray Odor: Oil N Strong
 Approx. Flow Rate: 1 gpm. Sediment Description: S. Silty
 Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.90

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|---------------------|-----------------|------------|
| <u>1243</u> | <u>.75</u> | <u>6.94</u> | <u>516</u> | <u>20.3</u> | <u>PRE: 1.6</u> | <u>-65</u> |
| <u>1246</u> | <u>1.5</u> | <u>6.90</u> | <u>521</u> | <u>20.1</u> | | |
| <u>1250</u> | <u>2.8</u> | <u>6.91</u> | <u>527</u> | <u>19.9</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-------------------------|---------|---------------|------------|-------------------------------|
| <u>MW-3</u> | <u>3</u> x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | <u>2</u> x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | <u>1</u> x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | <u>1</u> x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | <u>2</u> x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | <u>2</u> x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: Boam L - 8" (3 BF)

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: ~~8/3~~ 8/4/11 (inclusive)
 City: Oakland, CA Sampler: GM

Well ID: MW-4 Date Monitored: 8/4/11
 Well Diameter: 2 in.
 Total Depth: 13.37 ft.
 Depth to Water: 7.90 ft. Check if water column is less than 0.50 ft.
5.47 xVF .17 = 0.93 x3 case volume = Estimated Purge Volume: 3 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.99

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1245 Weather Conditions: CLOUDY
 Sample Time/Date: 1305 / 8/4/11 Water Color: CLEAR Odor: YIN MODERATE
 Approx. Flow Rate: _____ gpm. Sediment Description: SL SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.04

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - ⑬) | Temperature (°C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|-----------------------------|----------------------|-----------------|------------|
| <u>1247</u> | <u>1</u> | <u>6.41</u> | <u>695</u> | <u>22.1</u> | PRE: <u>1.3</u> | <u>-16</u> |
| <u>1249</u> | <u>2</u> | <u>6.40</u> | <u>701</u> | <u>21.9</u> | | |
| <u>1251</u> | <u>3</u> | <u>6.38</u> | <u>703</u> | <u>21.9</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|------------------|---------|---------------|------------|-------------------------------|
| MW-4 | 3 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | 2 x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | 1 x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | 1 x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | 2 x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | 2 x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: 2 STRIPPED FLANGES

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8/4/11 (inclusive)
 City: Oakland, CA Sampler: GM

Well ID: MW-5 Date Monitored: 8/4/11
 Well Diameter: 2 in.
 Total Depth: 19.38 ft.
 Depth to Water: 8.38 ft. Check if water column is less than 0.50 ft.
 $11.00 \times VF .17 = 1.87$ x3 case volume = Estimated Purge Volume: 6 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.58

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1100 Weather Conditions: CLOUDY / MISTY
 Sample Time/Date: 1115 8/4/11 Water Color: SL CLOUDY Odor: YIN
 Approx. Flow Rate: ✓ gpm. Sediment Description: SL SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.40

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm) (µS) | Temperature (C) (F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|---------------------|-----------------|-------------|
| <u>1104</u> | <u>2</u> | <u>6.80</u> | <u>380</u> | <u>20.9</u> | <u>PRE: 2.3</u> | <u>████</u> |
| <u>1108</u> | <u>4</u> | <u>6.85</u> | <u>391</u> | <u>20.5</u> | | |
| <u>1111</u> | <u>6</u> | <u>6.85</u> | <u>392</u> | <u>20.4</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|------------------|---------|---------------|------------|-------------------------------|
| MW-5 | 3 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | 2 x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: 2 STRIPPED FLANGES

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8/4/11 (inclusive)
 City: Oakland, CA Sampler: GM

Well ID: MW-6
 Well Diameter: 2 in.
 Total Depth: 15.03 ft.
 Depth to Water: 8.30 ft.
6.73 xVF .17 = 1.14

Date Monitored: 8/4/11

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 3 gal.

Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): 9.65

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1130 Weather Conditions: CLOUDY / COOL
 Sample Time/Date: 1150 / 8/4/11 Water Color: SL CLOUDY Odor: Y I N
 Approx. Flow Rate: _____ gpm. Sediment Description: SL SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.38

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - <u>MS</u>) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------------------|---------------------|-----------------|-----------------------|
| <u>1132</u> | <u>1</u> | <u>6.50</u> | <u>472</u> | <u>21.1</u> | <u>PRE: 1.6</u> | <u>1.6</u> |
| <u>1134</u> | <u>2</u> | <u>6.52</u> | <u>470</u> | <u>21.8</u> | | |
| <u>1137</u> | <u>3</u> | <u>6.52</u> | <u>469</u> | <u>21.6</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-------------------------|---------|---------------|------------|-------------------------------|
| <u>MW-6</u> | <u>3</u> x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | <u>2</u> x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: 2 STRIPPED FLANGES

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8.4.11 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-7
 Well Diameter: 2 in.
 Total Depth: 15.90 ft.
 Depth to Water: 9.91 ft.
5.99 xVF .17 = 1.01 x3 case volume = Estimated Purge Volume: 3.0 gal.

Date Monitored: 8.4.11

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.10

Purge Equipment:

Disposable Bailer /
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer /
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1045 Weather Conditions: LT. DRIZZLE
 Sample Time/Date: 1105 / 8.4.11 Water Color: Brown Odor: Y / 10
 Approx. Flow Rate: / gpm. Sediment Description: SILTY
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9.98

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - µS) | Temperature (°C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|----------------------|-----------------|----------|
| <u>1048</u> | <u>1.0</u> | <u>7.38</u> | <u>401</u> | <u>17.0</u> | <u>PRE: 2.4</u> | |
| <u>1051</u> | <u>2.0</u> | <u>7.35</u> | <u>398</u> | <u>17.1</u> | | |
| <u>1054</u> | <u>3.0</u> | <u>7.32</u> | <u>395</u> | <u>17.3</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW-7 | 3 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| 2 | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: EMCO 8" OIL

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



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8/4/11 (inclusive)
 City: Oakland, CA Sampler: GM

Well ID: MW-8
 Well Diameter: 2 in.
 Total Depth: 20.03 ft.
 Depth to Water: 8.98 ft.
11.05 xVF .17 = 1.87

Date Monitored: 8/4/11

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.19 gal.

Purge Equipment:

Disposable Bailer ✓
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer ✓
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1207 Weather Conditions: CLOUDY / COOL
 Sample Time/Date: 1230 / 8/4/11 Water Color: SL CLOUDY Odor: Y I (N)
 Approx. Flow Rate: _____ gpm. Sediment Description: SL SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 11.06

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µmhos/cm - (µS)) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|--------------------------------|---------------------|-----------------|-----------|
| <u>1209</u> | <u>2</u> | <u>6.86</u> | <u>163</u> | <u>19.9</u> | PRE: <u>3.3</u> | <u>37</u> |
| <u>1211</u> | <u>4</u> | <u>6.78</u> | <u>227</u> | <u>19.2</u> | | |
| <u>1214</u> | <u>6</u> | <u>6.78</u> | <u>225</u> | <u>19.1</u> | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|------------------|---------|---------------|------------|-------------------------------|
| MW-8 | 3 x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | 2 x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: 2 STRIPPED FLANGES

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8-4-11 (inclusive)
 City: Oakland, CA Sampler: FR & LM

Well ID: MW-9 Date Monitored: 8-4-11
 Well Diameter: 2 in.
 Total Depth: 38.34 ft.
 Depth to Water: 9.13 ft. Check if water column is less than 0.50 ft.
29.21 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |
| | | | | | |
| | | | | | |

COMMENTS: M6

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8-4-11 (inclusive)
 City: Oakland, CA Sampler: PTG/ML

Well ID: MW-10
 Well Diameter: 2 in.
 Total Depth: 57.54 ft.
 Depth to Water: 10.60 ft.
46.94 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 8-4-11

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

- Disposable Bailer _____
- Stainless Steel Bailer _____
- Stack Pump _____
- Suction Pump _____
- Grundfos _____
- Peristaltic Pump _____
- QED Bladder Pump _____
- Other: _____

Sampling Equipment:

- Disposable Bailer _____
- Pressure Bailer _____
- Discrete Bailer _____
- Peristaltic Pump _____
- QED Bladder Pump _____
- Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: M10

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8-4-11 (inclusive)
 City: Oakland, CA Sampler: RT&LM

Well ID: MW-11
 Well Diameter: 2 in.
 Total Depth: 38.77 ft.
 Depth to Water: 9.35 ft.
29.42 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 8-4-11

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |
| | | | | | |
| | | | | | |

COMMENTS: MLP

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8-4-11 (inclusive)
 City: Oakland, CA Sampler: FT/ELN

Well ID: MW-12
 Well Diameter: 2 in.
 Total Depth: 55.94 ft.
 Depth to Water: 9.63 ft.
46.31 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 8-4-11

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: hlo

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8-4-11 (inclusive)
 City: Oakland, CA Sampler: FR & LM

Well ID: MW-13
 Well Diameter: 2 in.
 Total Depth: 39.29 ft.
 Depth to Water: 9.27 ft.
30.02 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 8-4-11

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |
| | | | | | |
| | | | | | |

COMMENTS: MLB

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8-4-11 (inclusive)
 City: Oakland, CA Sampler: FT & M

Well ID: MW-14
 Well Diameter: 2 in.
 Total Depth: 56.48 ft.
 Depth to Water: 9.99 ft.
46.49 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 8-4-11

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |
| | | | | | |
| | | | | | |

COMMENTS: M10

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8.4.11 (inclusive)
 City: Oakland, CA Sampler: FT EGM

Well ID: MW-15
 Well Diameter: 2 in.
 Total Depth: 35.18 ft.
 Depth to Water: 9.13 ft.
26.05 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 8.4.11

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

- Disposable Bailer _____
- Stainless Steel Bailer _____
- Stack Pump _____
- Suction Pump _____
- Grundfos _____
- Peristaltic Pump _____
- QED Bladder Pump _____
- Other: _____

Sampling Equipment:

- Disposable Bailer _____
- Pressure Bailer _____
- Discrete Bailer _____
- Peristaltic Pump _____
- QED Bladder Pump _____
- Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: mlc

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8.4.11 (inclusive)
 City: Oakland, CA Sampler: GM & RT

Well ID: MW-16
 Well Diameter: 2 in.
 Total Depth: 56.90 ft.
 Depth to Water: 10.13 ft.
46.77 xVF = _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 8.4.11

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: M/L

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #206145 Job Number: 386492
 Site Address: 800 Center Street Event Date: 8.4.11 (inclusive)
 City: Oakland, CA Sampler: FT & LM

Well ID: MW-17
 Well Diameter: 2 in.
 Total Depth: 71.24 ft.
 Depth to Water: 10.00 ft.

Date Monitored: 8.4.11

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

Check if water column is less than 0.50 ft.

61.24 xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

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

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

| SAMPLE ID | (#) CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-----------|----------------|---------|---------------|------------|-------------------------------|
| MW- | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX+MTBE(8021) |
| | x voa vial | YES | HCL | LANCASTER | TPH-GRO(8015)/BTEX(8021) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc (8015) |
| | x 250ml amber | YES | HCL | LANCASTER | FERROUS IRON |
| | x 500ml poly | YES | NP | LANCASTER | ALKALINITY |
| | x voa vial | YES | NP | LANCASTER | NITRATE AS NITROGEN/SULFATE |
| | x voa vial | YES | NP | LANCASTER | CARBON DIOXIDE |

COMMENTS: MLP

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Acct. #: _____ Sample #: _____ Group #: **007814**

080411-07

Facility #: SS#206145-OML G-R#386492 Global ID#10600102230
 Site Address: 800 CENTER STREET, OAKLAND, CA
 Chevron PM: IR Lead Consultant: CRAFK Hoey
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: FRANK & GILBERT M

| Matrix | | Analyses Requested | | | | | | | | | | Preservative Codes | | | | | |
|--------|-------|----------------------------------|----------------------------|--|------------------|---|----------------|------------|-------------------|-----------------------|--------------|--------------------|---------|---------------------|----------------|---------|-----------------|
| | | Preservation Codes | | | | | | | | | | Preservative Codes | | | | | |
| Soil | Water | Oil <input type="checkbox"/> Air | Total Number of Containers | BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input checked="" type="checkbox"/> | TPH 8015 MOD GRO | TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup | 8260 full scan | Oxygenates | Total Lead Method | Dissolved Lead Method | FERROUS IRON | ALKALINITY | SULFATE | NITRATE AS NITROGEN | CARBON DIOXIDE | H = HCl | T = Thiosulfate |
| | | | | Potable <input type="checkbox"/> NPDES <input type="checkbox"/> | | | | | | | | | | | | | |

| Sample Identification | Date Collected | Time Collected | Grab | Composite | Soil | Water | Oil <input type="checkbox"/> Air | Total Number of Containers | BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input checked="" type="checkbox"/> | TPH 8015 MOD GRO | TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup | 8260 full scan | Oxygenates | Total Lead Method | Dissolved Lead Method | FERROUS IRON | ALKALINITY | SULFATE | NITRATE AS NITROGEN | CARBON DIOXIDE |
|-----------------------|----------------|----------------|------|-----------|------|-------|----------------------------------|----------------------------|--|------------------|---|----------------|------------|-------------------|-----------------------|--------------|------------|---------|---------------------|----------------|
| QA | 8.4.11 | | | | | W | | 2 | X | X | | | | | | | | | | |
| MW-1A | | 1224 | X | | | | | 5 | X | X | X | | | | | | | | | |
| MW-2 | | 1150 | X | | | | | 5 | X | X | X | | | | | | | | | |
| MW-3 | | 1300 | X | | | | | 11 | X | X | X | | | | | X | X | X | X | |
| MW-4 | | 1305 | X | | | | | 11 | X | X | X | | | | | X | X | X | X | |
| MW-5 | | 1115 | X | | | | | 11 | X | X | X | | | | | | | | | |
| MW-6 | | 1150 | X | | | | | 11 | X | X | X | | | | | | | | | |
| MW-7 | | 1105 | X | | | | | 11 | X | X | X | | | | | | | | | |
| MW-8 | | 1230 | X | | | | | 11 | X | X | X | | | | | | | | | |

Comments / Remarks

Please forward the lab results directly to the Lead Consultant and cc: G-R.

Turnaround Time Requested (TAT) (please circle)

STD. TAT 72 hour 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I - Full **EDF/EDD**
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

| | | | | | |
|-------------------------------------|-----------------------|-------------------|---------------------------------|------------------------|-------------------|
| Relinquished by: <u>[Signature]</u> | Date: <u>8.4.11</u> | Time: <u>1500</u> | Received by: <u>[Signature]</u> | Date: <u>04 AUG 11</u> | Time: <u>1500</u> |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
| Relinquished by: | Date: | Time: | Received by: | Date: | Time: |
| Relinquished by Commercial Carrier: | Received by: | | Date: | Time: | |
| UPS FedEx Other _____ | | | | | |
| Temperature Upon Receipt _____ °C | Custody Seals Intact? | | Yes | No | |

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

August 18, 2011

Project: 206145

Submittal Date: 08/05/2011
Group Number: 1260141
PO Number: 0015073761
Release Number: ROBB
State of Sample Origin: CA

| <u>Client Sample Description</u> | <u>Lancaster Labs (LLI) #</u> |
|----------------------------------|-------------------------------|
| QA-T-110804 NA Water | 6366727 |
| MW-1A-W-110804 Grab Water | 6366728 |
| MW-2-W-110804 Grab Water | 6366729 |
| MW-3-W-110804 Grab Water | 6366730 |
| MW-4-W-110804 Grab Water | 6366731 |
| MW-5-W-110804 Grab Water | 6366732 |
| MW-6-W-110804 Grab Water | 6366733 |
| MW-7-W-110804 Grab Water | 6366734 |
| MW-8-W-110804 Grab Water | 6366735 |

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

| | | |
|--------------------|----------------------|----------------------|
| ELECTRONIC COPY TO | CRA c/o Gettler-Ryan | Attn: Rachelle Munoz |
| ELECTRONIC COPY TO | Chevron c/o CRA | Attn: Report Contact |
| ELECTRONIC COPY TO | Chevron | Attn: Anna Avina |
| ELECTRONIC COPY TO | CRA | Attn: Kiersten Hoey |

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

Respectfully Submitted,



Marla S. Lord
Senior Specialist



Analysis Report

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

Sample Description: QA-T-110804 NA Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 QA

LLI Sample # WW 6366727
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011

Chevron

Submitted: 08/05/2011 09:10

6001 Bollinger Canyon Rd L4310

Reported: 08/18/2011 10:36

San Ramon CA 94583

CSOQA

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------------------------|----------------------------|------------|--------------------|---------------------------------------|-----------------|
| GC Volatiles SW-846 8015B ug/l | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | 1 |
| GC Volatiles SW-846 8021B ug/l | | | | | |
| 02102 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | 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 |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 15:39 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 15:39 | Catherine J Schwarz | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 15:39 | Catherine J Schwarz | 1 |



Analysis Report

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

Sample Description: MW-1A-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-1A

LLI Sample # WW 6366728
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 12:24 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS001

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|----------------------------------|------------------------------|-------------------------|--------------------|------------------------------------|-----------------|
| GC Volatiles | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B n.a. | ug/l N.D. | ug/l 50 | 1 |
| GC Volatiles | | | | | |
| 02102 | Benzene | SW-846 8021B 71-43-2 | ug/l 0.9 | ug/l 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | 1 |
| GC Petroleum Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B n.a. | ug/l 750 | ug/l 68 | 2 |

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 |
|---------|------------------------------|--------------|--------|------------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 17:00 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 17:00 | Catherine J Schwarz | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 17:00 | Catherine J Schwarz | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200033A | 08/11/2011 00:38 | Carrie E Miller | 2 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200033A | 08/09/2011 09:15 | Cynthia J Salvatori | 1 |



Analysis Report

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

Sample Description: MW-2-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-2

LLI Sample # WW 6366729
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 11:50 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS002

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------------------------|------------------------------|------------|--------------------|------------------------------------|-----------------|
| GC Volatiles SW-846 8015B ug/l | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | n.a. | 1,500 | 50 | 1 |
| GC Volatiles SW-846 8021B ug/l | | | | | |
| 02102 | Benzene | 71-43-2 | 43 | 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | 1.4 | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | 34 | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | 100 | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | 47 | 1.5 | 1 |
| GC Petroleum SW-846 8015B ug/l | | | | | |
| Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | n.a. | 99 | 50 | 1 |

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|------------------------------|--------------|--------|------------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 17:26 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 17:26 | Catherine J Schwarz | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 17:26 | Catherine J Schwarz | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200033A | 08/11/2011 00:05 | Carrie E Miller | 1 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200033A | 08/09/2011 09:15 | Cynthia J Salvatori | 1 |



Analysis Report

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

Sample Description: MW-3-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-3

LLI Sample # WW 6366730
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 13:00 by FT

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS003

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|--|------------------------------|------------|--------------------|------------------------------------|-----------------|
| GC Volatiles SW-846 8015B ug/l | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | n.a. | 1,200 | 50 | 1 |
| GC Volatiles SW-846 8021B ug/l | | | | | |
| 02102 | Benzene | 71-43-2 | 6.5 | 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | 110 | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | 16 | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | 4.6 | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | 8.9 | 1.5 | 1 |
| GC Miscellaneous SW-846 8015B modified ug/l | | | | | |
| 08097 | CO2 by Headspace | 124-38-9 | 68,000 | 4,000 | 1 |
| GC Petroleum SW-846 8015B ug/l | | | | | |
| Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | n.a. | 2,100 | 50 | 1 |
| Wet Chemistry EPA 300.0 ug/l | | | | | |
| 00368 | Nitrate Nitrogen | 14797-55-8 | 350 | 250 | 5 |
| 00228 | Sulfate | 14808-79-8 | 275,000 | 15,000 | 50 |
| SM20 2320 B ug/l as CaCO3 | | | | | |
| 00202 | Alkalinity to pH 4.5 | n.a. | 362,000 | 460 | 1 |
| 00201 | Alkalinity to pH 8.3 | n.a. | N.D. | 460 | 1 |
| SM20 3500 Fe B ug/l | | | | | |
| 08344 | Ferrous Iron | n.a. | 32,500 | 500 | 50 |

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 |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 17:53 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 17:53 | Catherine J Schwarz | 1 |



Analysis Report

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

Sample Description: MW-3-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-3

LLI Sample # WW 6366730
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 13:00 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CSO03

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|------------------------------|-------------------------|--------|--------------|------------------------|---------------------|-----------------|
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 17:53 | Catherine J Schwarz | 1 |
| 08097 | CO2 by Headspace | SW-846 8015B modified | 1 | 112210041A | 08/10/2011 23:11 | Elizabeth J Marin | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200033A | 08/11/2011 00:21 | Carrie E Miller | 1 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200033A | 08/09/2011 09:15 | Cynthia J Salvatori | 1 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 11217196602A | 08/06/2011 00:41 | Ashley M Adams | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 11217196602A | 08/08/2011 21:15 | Ashley M Adams | 50 |
| 00202 | Alkalinity to pH 4.5 | SM20 2320 B | 1 | 11221020202A | 08/09/2011 10:38 | Susan A Engle | 1 |
| 00201 | Alkalinity to pH 8.3 | SM20 2320 B | 1 | 11221020202A | 08/09/2011 10:38 | Susan A Engle | 1 |
| 08344 | Ferrous Iron | SM20 3500 Fe B modified | 1 | 11218834401A | 08/06/2011 05:55 | Daniel S Smith | 50 |



Analysis Report

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

Sample Description: MW-4-W-110804 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-4

LLI Sample # WW 6366731
 LLI Group # 1260141
 Account # 10904

Project Name: 206145

Collected: 08/04/2011 13:05 by FT

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS004

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|--|------------------------------|------------|--------------------|------------------------------------|-----------------|
| GC Volatiles SW-846 8015B ug/l | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | n.a. | 590 | 50 | 1 |
| GC Volatiles SW-846 8021B ug/l | | | | | |
| 02102 | Benzene | 71-43-2 | 110 | 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | 10 | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | 4.4 | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | 9.0 | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | 4.6 | 1.5 | 1 |
| GC Miscellaneous SW-846 8015B modified ug/l | | | | | |
| 08097 | CO2 by Headspace | 124-38-9 | 130,000 | 4,000 | 1 |
| GC Petroleum SW-846 8015B ug/l | | | | | |
| Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | n.a. | 940 | 50 | 1 |
| Wet Chemistry EPA 300.0 ug/l | | | | | |
| 00368 | Nitrate Nitrogen | 14797-55-8 | N.D. | 250 | 5 |
| 00228 | Sulfate | 14808-79-8 | 68,900 | 1,500 | 5 |
| SM20 2320 B ug/l as CaCO3 | | | | | |
| 00202 | Alkalinity to pH 4.5 | n.a. | 361,000 | 460 | 1 |
| 00201 | Alkalinity to pH 8.3 | n.a. | N.D. | 460 | 1 |
| SM20 3500 Fe B ug/l | | | | | |
| 08344 | Ferrous Iron | n.a. | 4,200 | 100 | 10 |

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 |
|---------|----------------------------|--------------|--------|-----------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 18:20 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 18:20 | Catherine J Schwarz | 1 |



Analysis Report

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

Sample Description: MW-4-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-4

LLI Sample # WW 6366731
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 13:05 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS004

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|------------------------------|-------------------------|--------|--------------|------------------------|---------------------|-----------------|
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 18:20 | Catherine J Schwarz | 1 |
| 08097 | CO2 by Headspace | SW-846 8015B modified | 1 | 112210041A | 08/10/2011 23:22 | Elizabeth J Marin | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200038A | 08/11/2011 17:41 | Carrie E Miller | 1 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200038A | 08/09/2011 10:40 | Roza S Goslawska | 1 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 11217196602A | 08/06/2011 00:55 | Ashley M Adams | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 11217196602A | 08/06/2011 00:55 | Ashley M Adams | 5 |
| 00202 | Alkalinity to pH 4.5 | SM20 2320 B | 1 | 11221020202A | 08/09/2011 10:38 | Susan A Engle | 1 |
| 00201 | Alkalinity to pH 8.3 | SM20 2320 B | 1 | 11221020202A | 08/09/2011 10:38 | Susan A Engle | 1 |
| 08344 | Ferrous Iron | SM20 3500 Fe B modified | 1 | 11218834401A | 08/06/2011 05:55 | Daniel S Smith | 10 |



Analysis Report

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

Sample Description: MW-5-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-5

LLI Sample # WW 6366732
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 11:15 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS005

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|----------------------------------|------------------------------|----------------------|--------------------|------------------------------------|-----------------|
| GC Volatiles | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B n.a. | ug/l N.D. | ug/l 50 | 1 |
| GC Volatiles | | | | | |
| 02102 | Benzene | SW-846 8021B 71-43-2 | ug/l N.D. | ug/l 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | 1 |
| GC Petroleum Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B n.a. | ug/l N.D. | ug/l 50 | 1 |

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|------------------------------|--------------|--------|------------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 18:47 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 18:47 | Catherine J Schwarz | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 18:47 | Catherine J Schwarz | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200038A | 08/11/2011 17:58 | Carrie E Miller | 1 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200038A | 08/09/2011 10:40 | Roza S Goslowska | 1 |



Analysis Report

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

Sample Description: MW-6-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-6

LLI Sample # WW 6366733
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 11:50 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS006

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------------------------|------------------------------|------------|--------------------|------------------------------------|-----------------|
| GC Volatiles SW-846 8015B ug/l | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | 1 |
| GC Volatiles SW-846 8021B ug/l | | | | | |
| 02102 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | 1 |
| GC Petroleum SW-846 8015B ug/l | | | | | |
| Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | n.a. | N.D. | 50 | 1 |

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|------------------------------|--------------|--------|------------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 19:13 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 19:13 | Catherine J Schwarz | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 19:13 | Catherine J Schwarz | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200038A | 08/11/2011 18:14 | Carrie E Miller | 1 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200038A | 08/09/2011 10:40 | Roza S Goslowska | 1 |



Analysis Report

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

Sample Description: MW-7-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-7

LLI Sample # WW 6366734
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 11:05 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS007

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|---------------------------------------|------------------------------|------------|--------------------|------------------------------------|-----------------|
| GC Volatiles SW-846 8015B ug/l | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | n.a. | N.D. | 50 | 1 |
| GC Volatiles SW-846 8021B ug/l | | | | | |
| 02102 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | 1 |
| GC Petroleum SW-846 8015B ug/l | | | | | |
| Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | n.a. | N.D. | 50 | 1 |

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|------------------------------|--------------|--------|------------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 19:40 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 19:40 | Catherine J Schwarz | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 19:40 | Catherine J Schwarz | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200038A | 08/11/2011 18:31 | Carrie E Miller | 1 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200038A | 08/09/2011 10:40 | Roza S Goslowska | 1 |



Analysis Report

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

Sample Description: MW-8-W-110804 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-8

LLI Sample # WW 6366735
LLI Group # 1260141
Account # 10904

Project Name: 206145

Collected: 08/04/2011 12:30 by FT

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 08/05/2011 09:10

Reported: 08/18/2011 10:36

CS008

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit | Dilution Factor |
|----------------------------------|------------------------------|----------------------|--------------------|------------------------------------|-----------------|
| GC Volatiles | | | | | |
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B n.a. | ug/l N.D. | ug/l 50 | 1 |
| GC Volatiles | | | | | |
| 02102 | Benzene | SW-846 8021B 71-43-2 | ug/l N.D. | ug/l 0.5 | 1 |
| 02102 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 02102 | Methyl tert-Butyl Ether | 1634-04-4 | N.D. | 2.5 | 1 |
| 02102 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 02102 | Total Xylenes | 1330-20-7 | N.D. | 1.5 | 1 |
| GC Petroleum Hydrocarbons | | | | | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B n.a. | ug/l N.D. | ug/l 50 | 1 |

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|------------------------------|--------------|--------|------------|------------------------|---------------------|-----------------|
| 01729 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 11227A53A | 08/16/2011 21:00 | Catherine J Schwarz | 1 |
| 02102 | Method 8021 Water Master | SW-846 8021B | 1 | 11227A53A | 08/16/2011 21:00 | Catherine J Schwarz | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 11227A53A | 08/16/2011 21:00 | Catherine J Schwarz | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 112200038A | 08/11/2011 18:47 | Carrie E Miller | 1 |
| 11180 | Low Vol Ext(W) w/SG | SW-846 3510C | 1 | 112200038A | 08/09/2011 10:40 | Roza S Goslowska | 1 |

Quality Control Summary

Client Name: Chevron Group Number: 1260141
 Reported: 08/18/11 at 10:36 AM

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

Laboratory Compliance Quality Control

| <u>Analysis Name</u> | <u>Blank Result</u> | <u>Blank MDL</u> | <u>Report Units</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>LCS/LCSD Limits</u> | <u>RPD</u> | <u>RPD Max</u> |
|------------------------------|-----------------------------------|------------------|---------------------|-----------------|------------------|------------------------|------------|----------------|
| Batch number: 11227A53A | Sample number(s): 6366727-6366735 | | | | | | | |
| Benzene | N.D. | 0.2 | ug/l | 105 | 110 | 80-120 | 5 | 30 |
| Ethylbenzene | N.D. | 0.2 | ug/l | 105 | 105 | 80-120 | 0 | 30 |
| Methyl tert-Butyl Ether | N.D. | 0.3 | ug/l | 95 | 90 | 78-125 | 5 | 30 |
| Toluene | N.D. | 0.2 | ug/l | 105 | 105 | 80-120 | 0 | 30 |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 100 | 100 | 75-135 | 0 | 30 |
| Total Xylenes | N.D. | 0.6 | ug/l | 107 | 108 | 80-120 | 2 | 30 |
| Batch number: 112210041A | Sample number(s): 6366730-6366731 | | | | | | | |
| CO2 by Headspace | N.D. | 4,000. | ug/l | 83 | | 67-124 | | |
| Batch number: 112200033A | Sample number(s): 6366728-6366730 | | | | | | | |
| TPH-DRO CA C10-C28 w/ Si Gel | N.D. | 32. | ug/l | 89 | 86 | 52-126 | 3 | 20 |
| Batch number: 112200038A | Sample number(s): 6366731-6366735 | | | | | | | |
| TPH-DRO CA C10-C28 w/ Si Gel | N.D. | 32. | ug/l | 76 | 85 | 52-126 | 11 | 20 |
| Batch number: 11217196602A | Sample number(s): 6366730-6366731 | | | | | | | |
| Nitrate Nitrogen | N.D. | 50. | ug/l | 98 | | 90-110 | | |
| Sulfate | N.D. | 300. | ug/l | 97 | | 90-110 | | |
| Batch number: 11218834401A | Sample number(s): 6366730-6366731 | | | | | | | |
| Ferrous Iron | N.D. | 10. | ug/l | 103 | | 93-105 | | |
| Batch number: 11221020202A | Sample number(s): 6366730-6366731 | | | | | | | |
| Alkalinity to pH 4.5 | N.D. | 460. | ug/l as CaCO3 | 99 | | 98-103 | | |

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: 112210041A | Sample number(s): 6366730-6366731 UNSPK: P365824 | | | | | | | | |
| CO2 by Headspace | 114 | 78 | 15-145 | 27* | 20 | | | | |
| Batch number: 11217196602A | Sample number(s): 6366730-6366731 UNSPK: P366503 BKG: P366503 | | | | | | | | |
| Nitrate Nitrogen | 109 | | 90-110 | | | 7,500 | 7,500 | 0 | 20 |
| Sulfate | 112* | | 90-110 | | | 56,100 | 56,300 | 0 | 20 |

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron Group Number: 1260141
 Reported: 08/18/11 at 10:36 AM

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> <u>%REC</u> | <u>MSD</u> <u>%REC</u> | <u>MS/MSD</u> <u>Limits</u> | <u>RPD</u> <u>RPD</u> | <u>RPD</u> <u>MAX</u> | <u>BKG</u> <u>Conc</u> | <u>DUP</u> <u>Conc</u> | <u>DUP</u> <u>RPD</u> | <u>Dup</u> <u>RPD</u> <u>Max</u> |
|--|--------------------------|---------------------------|--------------------------------|--------------------------|--------------------------|-----------------------------------|---------------------------------|--------------------------|-------------------------------------|
| Batch number: 11218834401A Ferrous Iron | 98 | 98 | 83-108 | 0 | 6 | N.D. | BKG: P366503 14 | 200* (1) | 5 |
| Batch number: 11221020202A Alkalinity to pH 4.5 Alkalinity to pH 8.3 | 99 | 99 | 73-121 | 0 | 5 | UNSPK: P366570 361,000 N.D. | BKG: 6366731 358,000 N.D. | 1 0 (1) | 5 5 |

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: Method 8021 Water Master
 Batch number: 11227A53A
 Trifluorotoluene-F Trifluorotoluene-P

| | | |
|---------|----|----|
| 6366727 | 72 | 70 |
| 6366728 | 69 | 73 |
| 6366729 | 98 | 91 |
| 6366730 | 94 | 82 |
| 6366731 | 75 | 75 |
| 6366732 | 71 | 72 |
| 6366733 | 69 | 72 |
| 6366734 | 69 | 72 |
| 6366735 | 70 | 71 |
| Blank | 70 | 71 |
| LCS | 87 | 71 |
| LCSD | 88 | 72 |

Limits: 63-135 58-146

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
 Batch number: 112200033A
 Orthoterphenyl

| | |
|---------|----|
| 6366728 | 90 |
| 6366729 | 92 |
| 6366730 | 94 |
| Blank | 84 |
| LCS | 99 |
| LCSD | 96 |

Limits: 59-131

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
 Batch number: 112200038A
 Orthoterphenyl

| | |
|---------|-----|
| 6366731 | 100 |
| 6366732 | 82 |

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 08/18/11 at 10:36 AM

Group Number: 1260141

Surrogate Quality Control

| | |
|---------|----|
| 6366733 | 84 |
| 6366734 | 79 |
| 6366735 | 83 |
| Blank | 85 |
| LCS | 88 |
| LCSD | 97 |

Limits: 59-131

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10904 Sample # 6366727-35 Group #: 007814

080411-07

G# 1260141

| Facility #: <u>SS#206145-OML G-R#386492 Global ID#T0600102230</u> Site Address: <u>800 CENTER STREET, OAKLAND, CA</u> Chevron PM: <u>IR</u> Lead Consultant: <u>CRAHK Hoey</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>FRANKT. & GILBERT M.</u> | | | Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air | | Analyses Requested <table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th colspan="10">Preservation Codes</th> </tr> <tr> <td>H</td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>H</td> </tr> <tr> <td>BTEX + MTBE 8260</td><td>8021</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>TPH 8015 MOD GFO</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>TPH 8015 MOD DRO</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8260 full scan</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Oxygenates</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Total Lead</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Dissolved Lead</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="10" style="font-weight: bold;">FERROUS ION</td> </tr> <tr> <td colspan="10" style="font-weight: bold;">ALKALINITY</td> </tr> <tr> <td colspan="10" style="font-weight: bold;">NITRATE AS NITROGEN</td> </tr> <tr> <td colspan="10" style="font-weight: bold;">CARBON DIOXIDE</td> </tr> </table> | | | | | | | | | | Preservation Codes | | | | | | | | | | H | H | | | | | | | | H | BTEX + MTBE 8260 | 8021 | | | | | | | | | TPH 8015 MOD GFO | | | | | | | | | | TPH 8015 MOD DRO | | | | | | | | | | 8260 full scan | | | | | | | | | | Oxygenates | | | | | | | | | | Total Lead | | | | | | | | | | Dissolved Lead | | | | | | | | | | FERROUS ION | | | | | | | | | | ALKALINITY | | | | | | | | | | NITRATE AS NITROGEN | | | | | | | | | | CARBON DIOXIDE | | | | | | | | | | Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits | |
|--|------|-------------|---|----------------|---|-----------|--|--|---|--|--|--|--|--|--------------------|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|---|------------------|------|--|--|--|--|--|--|--|--|------------------|--|--|--|--|--|--|--|--|--|------------------|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|-------------|--|--|--|--|--|--|--|--|--|------------|--|--|--|--|--|--|--|--|--|---------------------|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|---|--|
| Preservation Codes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | H | | | | | | | | H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BTEX + MTBE 8260 | 8021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TPH 8015 MOD GFO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TPH 8015 MOD DRO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8260 full scan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oxygenates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Lead | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissolved Lead | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FERROUS ION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NITRATE AS NITROGEN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARBON DIOXIDE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | | Date Collected | Time Collected | Grab | Composite | Comments / Remarks Please forward the lab results directly to the Lead Consultant and cc: G-R. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>QA</u> | | | <u>8.4.11</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-1A</u> | | <u>1224</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-2</u> | | <u>1150</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-3</u> | | <u>1300</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-4</u> | | <u>1305</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-5</u> | | <u>1115</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-6</u> | | <u>1150</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-7</u> | | <u>1105</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>MW-8</u> | | <u>1230</u> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Turnaround Time Requested (TAT) (please circle) <input checked="" type="radio"/> STD. TAT 72 hour 48 hour <input type="radio"/> 24 hour 4 day 5 day | | | Relinquished by: <u>[Signature]</u> Date: <u>8.4.11</u> Time: <u>1500</u> | | Received by: <u>[Signature]</u> Date: <u>8.4.11</u> Time: <u>1500</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Package Options (please circle if required) QC Summary Type I - Full EDF/EDD Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk | | | Relinquished by: <u>[Signature]</u> Date: <u>8.4.11</u> Time: <u>1630</u> | | Received by: <u>[Signature]</u> Date: <u>8.4.11</u> Time: <u>1630</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: _____ Date: _____ Time: _____ | | | Relinquished by Commercial Carrier: UPS FedEx Other: _____ | | Received by: <u>[Signature]</u> Date: <u>8.4.11</u> Time: <u>1630</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temperature Upon Receipt: <u>13-14</u> °C Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Explanation of Symbols and Abbreviations

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

| | | | |
|-------------------------|--|-----------------|----------------------------------|
| RL | Reporting Limit | BMQL | Below Minimum Quantitation Level |
| N.D. | none detected | MPN | Most Probable Number |
| TNTC | Too Numerous To Count | CP Units | cobalt-chloroplatinate units |
| IU | International Units | NTU | nephelometric turbidity units |
| umhos/cm | micromhos/cm | ng | nanogram(s) |
| C | degrees Celsius | F | degrees Fahrenheit |
| meq | milliequivalents | lb. | pound(s) |
| g | gram(s) | kg | kilogram(s) |
| ug | microgram(s) | mg | milligram(s) |
| ml | milliliter(s) | l | liter(s) |
| m3 | cubic meter(s) | ul | microliter(s) |
| < | less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test. | | |
| > | greater than | | |
| J | estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ). | | |
| ppm | parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas. | | |
| ppb | parts per billion | | |
| Dry weight basis | Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis. | | |

U.S. EPA CLP Data Qualifiers:

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

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ATTACHMENT C

HISTORICAL GROUNDWATER MONITORING AND SAMPLING DATA

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|---------------|--------------|--------------|--------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MW-1A | | | | | | | | | | | |
| 02/24-25/03 ¹ | 15.49 | 8.17 | 7.32 | 4,600 | 5,100 | 92 | 340 | 66 | 480 | <10 | -- |
| 06/02/03 | 15.49 | 7.15 | 8.34 | 5,500 | 3,800 | 150 | 490 | 72 | 450 | <13 | -- |
| 09/02/03 | 15.49 | 6.10 | 9.39 | 10,000 | 6,200 | 100 | 580 | 110 | 760 | 47 | -- |
| 11/21/03 | 15.49 | 5.29 | 10.20 | 3,800 | 3,200 | 29 | 150 | 49 | 240 | <10 | -- |
| 02/27/04 | 15.49 | 9.87 | 5.62 | 2,800 | 280 | 9.7 | 19 | 3.0 | 30 | <2.5 | -- |
| 05/28/04 | 15.49 | 6.88 | 8.61 | 5,500 | 1,100 | 35 | 81 | 27 | 140 | 17 | -- |
| 08/31/04 | 15.49 | 5.58 | 9.91 | 4,500 | 1,100 | 13 | 68 | 27 | 110 | <2.5 | -- |
| 12/17/04 | 15.49 | 7.09 | 8.40 | 2,300 ^o | 560 | 8.0 | 17 | 9.6 | 36 | <2.5 | -- |
| 03/28/05 | 15.49 | 10.36 | 5.13 | 340 ^o | 87 | 16 | 4.2 | 3.3 | 11 | <2.5 | -- |
| 06/09/05 | 15.49 | 9.69 | 5.80 | 6,400 ^o | 260 | 26 | 3.7 | 7.7 | 13 | 5.3 | -- |
| 08/19/05 | 15.49 | 6.70 | 8.79 | 1,100 ^{o,p,q} | 440 | 38 | 7.8 | 9.4 | 17 | <2.5 | -- |
| 11/18/05 | 15.49 | 6.25 | 9.24 | 1,300 ^{o,q} | 450 | 11 | 12 | 17 | 22 | <2.5 | -- |
| 03/07/06 | 15.49 | 10.51 | 4.98 | 2,300 ^o | 150 | 33 | 1.6 | 3.4 | 2.7 | <2.5 | -- |
| 05/17/06 | 15.49 | 9.02 | 6.47 | 2,600 ^o | 110 | 18 | <0.5 | 0.7 | <1.5 | <2.5 | -- |
| 08/30/06 | 15.49 | 5.68 | 9.81 | 3,600 ^o | 420 | 24 | 0.7 | 8.1 | 9.2 | <10 | -- |
| 11/28/06 | 15.49 | 5.79 | 9.70 | 2,900 ^o | 220 | 8.6 | 2.7 | 6.1 | 9.3 | <2.5 | -- |
| 02/06/07 | 18.11 | 8.83 | 9.28 | 1,500 ^o | 230 | 19 | <0.5 | 1.8 | 2.7 | <2.5 | -- |
| 05/02/07 | 18.11 | 9.83 | 8.28 | 1,300 ^o | 190 | 16 | <0.5 | 1 | 1.8 | <2.5 | -- |
| 08/17/07 | 18.11 | 8.61 | 9.50 | 1,100 ^o | 160 | 2.5 | 0.8 | 2.0 | 2.7 | <2.5 | -- |
| 11/16/07 ^v | 18.11 | 8.27 | 9.84 | 3,600 ^o | 30,000 | 610 | 1,100 | 4,100 | 2,800 | 310 | -- |
| 02/05/08 | 18.11 | 11.63 | 6.48 | 2,100 ^o | 63 | 4.8 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/20/08 | 18.11 | 9.18 | 8.93 | 940 ^o | 50 | 1.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/06/08 | 18.11 | 8.25 | 9.86 | 1,900 ^o | 98 | 0.7 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/05/08 | 18.11 | 7.68 | 10.43 | 940 ^o | 96 | 0.6 | <0.5 | 0.5 | <1.5 | <2.5 | -- |
| 02/09/09 | 18.11 | 8.10 | 10.01 | 630 ^o | 130 | 2.7 | <0.5 | 2.1 | <1.5 | <2.5 | -- |
| 05/08/09 | 18.11 | 9.91 | 8.20 | 1,300 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/07/09 | 18.11 | 8.35 | 9.76 | 1,300 ^o | 97 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/25/10 | 18.11 | 11.03 | 7.08 | 500^{o,z} | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| MW-2 | | | | | | | | | | | |
| 10/27/95 | 15.77 | 10.60 | 5.17 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 02/20/97 | 15.72 | 8.51 | 7.21 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/97 | 15.72 | 7.82 | 7.90 | -- | 83 ^d | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/23/97 | 15.72 | 5.92 | 9.80 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 15.72 | 5.13 | 10.59 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/28/98 | 15.72 | 9.21 | 6.51 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|-----------------|-----------------|--------------|---------------------------------------|-------------------|-------------|-------------|-------------|-------------|--------------------------------------|----------------|
| MW-2 (cont) | | | | | | | | | | | |
| 05/11/98 | 15.72 | 8.82 | 6.90 | SAMPLED ANNUALLY | | -- | -- | -- | -- | -- | -- |
| 07/16/98 | 15.72 | 7.37 | 8.35 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/04/98 ^a | 15.72 | 7.03 | 8.69 | -- | -- | -- | -- | -- | -- | -- | 1.9 x 1 |
| 09/03/98 ^a | 15.72 | 6.44 | 9.28 | -- | -- | -- | -- | -- | -- | -- | 3.0 x 1 |
| 10/21/98 ^b | 15.72 | 5.51 | 10.21 | -- | -- | -- | -- | -- | -- | -- | 8.8 x 1 |
| 11/04/98 | 15.72 | 5.60 | 10.12 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/26/99 | 15.72 | 6.87 | 8.85 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 05/06/99 | 15.72 | 8.20 | 7.52 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/21/99 | 15.72 | 13.21 | 2.51 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/28/99 | 15.72 | 6.35 | 9.37 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/31/00 | 15.72 | 7.25 | 8.47 | -- | <50 | <0.5 | 0.541 | <0.5 | <0.5 | <2.5 | -- |
| 05/19/00 | 15.72 | 7.65 | 8.07 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/07/00 | 15.72 | 6.35 | 9.37 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/ ^f <2.0 ^f | -- |
| 12/01/00 | 15.72 | 5.60 | 10.12 | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | -- |
| 02/09/01 | 15.72 | 6.05 | 9.67 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- |
| 05/29/01 | 15.72 | 6.73 | 8.99 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- |
| 08/27/01 ^h | 15.72 | 5.68 | 10.04 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 ^f | -- |
| 11/28/01 | 15.72 | 5.86 | 9.86 | NOT SAMPLED DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- |
| 02/14/02 | 15.69 | 7.86 | 7.83 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 05/15/02 | 15.69 | 7.09 | 8.60 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 08/05/02 | 15.69 | 6.02 | 9.67 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 11/30/02 | 15.69 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/24-25/03 ^l | 15.69 | 8.04 | 7.65 | 140 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 06/02/03 | 15.69 | 7.33 | 8.36 | 150 ^m | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 09/02/03 | 15.69 | 5.97 | 9.72 | 150 ^m | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/21/03 | -- ⁿ | -- ⁿ | 10.39 | 180 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/27/04 | -- ⁿ | -- ⁿ | 6.90 | 310 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/28/04 | -- ⁿ | -- ⁿ | 9.13 | 160 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/31/04 | -- ⁿ | -- ⁿ | 10.30 | 180 ^m | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/17/04 | -- ⁿ | -- ⁿ | 8.91 | 77 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/28/05 | -- ⁿ | -- ⁿ | 6.51 | <50 ^o | <50 | <0.5 | 0.5 | <0.5 | <1.5 | <2.5 | -- |
| 06/09/05 | -- ⁿ | -- ⁿ | 7.09 | 53 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/19/05 | -- ⁿ | -- ⁿ | 9.27 | <50 ^{o,p} | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/18/05 | -- ⁿ | -- ⁿ | 9.66 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/07/06 | -- ⁿ | -- ⁿ | 6.75 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/17/06 | -- ⁿ | -- ⁿ | 7.09 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/30/06 | -- ⁿ | -- ⁿ | 9.03 | 640 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) | |
|-----------------------|-----------------|-----------------|--------------|---------------------------------------|----------------------------|----------------|----------------|----------------|----------------|-------------------------|----------------|----|
| MW-2 (cont) | | | | | | | | | | | | |
| 11/28/06 | -- ⁿ | -- ⁿ | 10.02 | 560 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 02/06/07 | 18.40 | 8.72 | 9.68 | 200 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 05/02/07 | 18.40 | 9.71 | 8.69 | 480 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 08/17/07 | 18.40 | 8.52 | 9.88 | 1,000 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 11/16/07 | 18.40 | 8.30 | 10.10 | 1,900 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 02/05/08 | 18.40 | 10.97 | 7.43 | 1,100 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 05/20/08 | 18.40 | 9.09 | 9.31 | 650 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 08/06/08 | 18.40 | 8.25 | 10.15 | 200 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 12/05/08 | 18.40 | 7.12 | 11.28 | 680 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 02/09/09 | 18.40 | 8.08 | 10.32 | 420 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 05/08/09 | 18.40 | 9.98 | 8.42 | 75 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 08/07/09 | 18.40 | 8.23 | 10.17 | 610 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| 02/25/10 | 18.40 | 10.54 | 7.86 | 120^{o,z} | <50^{aa} | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- | |
| MW-3 | | | | | | | | | | | | |
| 10/27/95 | 15.46 | 10.37 | 5.09 | -- | 33,000 | 11,000 | 1,700 | 2,300 | 4,200 | -- | -- | |
| 02/20/97 | 15.42 | 8.37 | 7.05 | -- | 260 | 56 | <1.0 | 7.6 | 5.9 | <5.0 | -- | |
| 04/24/97 | 15.42 | 7.29 | 8.13 | -- | 1,400 | 310 | 28 | 76 | 75 | 74 | -- | |
| 07/23/97 | 15.42 | 5.84 | 9.58 | -- | 37,000 | 10,000 | 1,500 | 2,700 | 4,200 | 2,500 | -- | |
| 10/29/97 | 15.42 | 5.09 | 10.33 | -- | 53,000 | 12,000 | 1,200 | 3,000 | 3,100 | 2,500 | -- | |
| 01/28/98 | 15.42 | 8.94 | 6.48 | -- | 210 | 43 | 1.5 | 1.7 | 3.9 | 10 | -- | |
| 05/11/98 | 15.42 | 8.49 | 6.93 | -- | 59 | 11 | <0.5 | 2.1 | <0.5 | <2.5 | -- | |
| 07/16/98 | 15.42 | 7.14 | 8.28 | -- | 260 | 90 | 4.8 | 18 | 5.7 | <10 | -- | |
| 08/04/98 ^a | 15.42 | 6.88 | 8.54 | -- | -- | -- | -- | -- | -- | -- | 8.5 x 1 | |
| 09/03/98 ^a | 15.42 | 6.34 | 9.08 | -- | -- | -- | -- | -- | -- | -- | 2.4 x 1 | |
| 10/21/98 ^b | 15.42 | 5.62 | 9.80 | -- | -- | -- | -- | -- | -- | -- | 6.0 x 1 | |
| 11/04/98 | 15.42 | 5.60 | 9.82 | -- | 73,000 | 17,000 | 3,800 | 4,900 | 8,100 | <250 | -- | |
| 01/26/99 | 15.42 | 6.70 | 8.72 | -- | 32,400 | 10,200 | 1,850 | 2,650 | 3,140 | 715/<500 ^c | -- | |
| 05/06/99 | 15.42 | 7.97 | 7.45 | -- | 3,160 | 668 | 89.6 | 180 | 123 | <200/<10 ^c | -- | |
| 08/21/99 | 15.42 | 7.95 | 7.47 | -- | 53,800 | 9,700 | 2,040 | 2,880 | 5,000 | <1,250/<40 ^c | -- | |
| 10/28/99 | 15.42 | 5.37 | 10.05 | -- | 71,300 | 14,000 | 3,420 | 4,320 | 8,360 | <1,000 | -- | |
| 01/31/00 | 15.42 | 7.16 | 8.26 | -- | 1,650 | 496 | 49.1 | 134 | 82.6 | <12.5 | -- | |
| 05/19/00 | 15.42 | 7.60 | 7.82 | -- | 110 ^e | 36 | 2.5 | 9.1 | 4.0 | 6.3 | -- | |
| 08/07/00 | 15.42 | 6.29 | 9.13 | -- | 36,000 ^e | 9,000 | 3,000 | 2,700 | 2,800 | 2,500/<10 ^f | -- | |
| 12/01/00 | 15.42 | 2.45 | 12.97 | NOT SAMPLED DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- | -- |
| 02/09/01 | 15.42 | 5.98 | 9.44 | -- | 32,000 ^e | 11,000 | 3,900 | 3,200 | 4,800 | 3,200/<2.0 ^f | -- | |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|---------------|--------------|--------------|--------------------------|-------------------|-------------|-------------|--------------|--------------|------------------------|----------------|
| MW-3 (cont) | | | | | | | | | | | |
| 05/29/01 | 15.42 | 6.65 | 8.77 | -- | 13,000 | 4,200 | 2,000 | 1,800 | 1,500 | 74/<2.0 ^f | -- |
| 08/27/01 ^h | 15.42 | 5.70 | 9.72 | -- | 40,000 | 7,600 | 2,800 | 2,500 | 2,700 | <25 ^f | -- |
| 11/28/01 | 15.42 | 5.77 | 9.65 | -- | 57,000 | 10,000 | 2,900 | 2,900 | 2,800 | <250/<5.0 ^f | -- |
| 02/14/02 | 15.40 | 7.73 | 7.67 | -- | 51 | 2.9 | <0.50 | 1.9 | 1.8 | <2.5/<2 ^f | -- |
| 05/15/02 | 15.40 | 7.05 | 8.35 | -- | 4,100 | 910 | 250 | 210 | 240 | <20/<2 ^f | -- |
| 08/05/02 | 15.40 | 5.96 | 9.44 | -- | 58,000 | 11,000 | 4,300 | 3,400 | 4,000 | <250/<10 ^f | -- |
| 11/30/02 | 15.40 | 5.14 | 10.26 | -- | 46,000 | 13,000 | 2,900 | 3,700 | 2,600 | <100/<10 ^f | -- |
| 02/24-25/03 ^l | 15.40 | 7.89 | 7.51 | 4,500 | 52,000 | 9,600 | 4,800 | 2,900 | 4,100 | <130 | -- |
| 06/02/03 | 15.40 | 7.24 | 8.16 | 6,500 | 67,000 | 11,000 | 9,600 | 3,400 | 5,700 | <250 | -- |
| 09/02/03 | 15.40 | 5.89 | 9.51 | 10,000 | 73,000 | 8,900 | 10,000 | 3,600 | 7,000 | 300 | -- |
| 11/21/03 | 15.40 | 5.17 | 10.23 | 8,000 | 29,000 | 3,300 | 3,200 | 1,200 | 1,500 | <200 | -- |
| 02/27/04 | 15.40 | 8.84 | 6.56 | 200 | 59 | 8.2 | 6.3 | 1.7 | 6.8 | <2.5 | -- |
| 05/28/04 | 15.40 | 6.57 | 8.83 | 5,400 | 18,000 | 2,600 | 970 | 1,600 | 950 | <100 | -- |
| 08/31/04 | 15.40 | 5.41 | 9.99 | 9,100 | 58,000 | 3,200 | 9,600 | 2,800 | 7,500 | <50 | -- |
| 12/17/04 | 15.40 | 6.81 | 8.59 | 2,200 ^o | 23,000 | 1,100 | 2,100 | 1,200 | 2,600 | <25 | -- |
| 03/28/05 | 15.40 | 9.29 | 6.11 | 3,200 ^o | 43,000 | 1,500 | 10,000 | 2,600 | 7,300 | <130 | -- |
| 06/09/05 | 15.40 | 8.65 | 6.75 | 7,800 ^o | 38,000 | 980 | 7,000 | 2,100 | 4,800 | 190 | -- |
| 08/19/05 | 15.40 | 6.43 | 8.97 | 5,000 ^{o-p-f} | 75,000 | 1,500 | 14,000 | 3,400 | 9,600 | <130 | -- |
| 11/18/05 | 15.40 | 5.95 | 9.45 | 3,900 ^{o-f} | 72,000 | 1,400 | 14,000 | 3,600 | 9,700 | 380 | -- |
| 03/07/06 | 15.40 | 9.05 | 6.35 | 1,100 ^o | 15,000 | 280 | 2,300 | 820 | 2,000 | <100 | -- |
| 05/17/06 | 15.40 | 8.57 | 6.83 | 4,400 ^o | 57,000 | 650 | 8,100 | 2,900 | 8,100 | 410 | -- |
| 08/30/06 | 15.40 | 5.44 | 9.96 | 4,300 ^o | 54,000 | 540 | 7,600 | 4,100 | 10,000 | 550 | -- |
| 11/28/06 | 15.40 | 5.62 | 9.78 | 4,400 ^o | 43,000 | 260 | 3,400 | 3,800 | 5,800 | <1,000 | -- |
| 02/06/07 | 18.07 | 8.70 | 9.37 | 5,000 ^o | 43,000 | 290 | 6,200 | 3,400 | 6,400 | <500 | -- |
| 05/02/07 | 18.07 | 9.67 | 8.40 | 4,500 ^o | 43,000 | 290 | 4,100 | 3,800 | 6,500 | <500 | -- |
| 08/17/07 | 18.07 | 8.50 | 9.57 | 4,900 ^o | 46,000 | 240 | 1,900 | 3,800 | 5,600 | 310 | -- |
| 11/16/07 ^v | 18.07 | 8.29 | 9.78 | 860 ^o | 450 | 34 | 23 | 53 | 25 | 4.1 | -- |
| 02/05/08 | 18.07 | 10.97 | 7.10 | 2,400 ^o | 18,000 | 210 | 950 | 1,800 | 1,700 | <500 | -- |
| 05/20/08 | 18.07 | 8.99 | 9.08 | 6,900 ^o | 45,000 | 190 | 4,900 | 2,800 | 6,200 | <500 ^w | -- |
| 08/06/08 | 18.07 | 8.26 | 9.81 | 5,000 ^o | 40,000 | 220 | 1,500 | 3,200 | 6,500 | <500 ^w | -- |
| 12/05/08 | 18.07 | 7.56 | 10.51 | 4,000 ^o | 15,000 | 26 | 590 | 1,800 | 1,800 | 230 | -- |
| 02/09/09 | 18.07 | 8.02 | 10.05 | 2,800 ^o | 20,000 | 170 | 710 | 1,800 | 2,500 | <400 ^w | -- |
| 05/08/09 | 18.07 | 9.95 | 8.12 | 2,900 ^o | 15,000 | 88 | 900 | 2,100 | 1,400 | <250 ^w | -- |
| 08/07/09 | 18.07 | 8.20 | 9.87 | 2,900 ^o | 41,000 | 150 | 2,400 | 3,800 | 6,700 | <500 ^w | -- |
| 02/25/10 | 18.07 | 10.57 | 7.50 | 1,800^o | 15,000 | 42 | 320 | 1,600 | 1,100 | 330 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|-----------------|-----------------|--------------|---------------------------------------|-------------------|-------------|-------------|-------------|-------------|------------------------|----------------|
| MW-4 | | | | | | | | | | | |
| 10/27/95 | 14.45 | 9.37 | 5.08 | -- | 66 | 6.8 | <0.5 | <0.5 | <0.5 | -- | -- |
| 02/20/97 | 14.40 | 8.12 | 6.28 | -- | 54 | <0.5 | <0.5 | <0.5 | 7.4 | 39 | -- |
| 04/24/97 | 14.40 | 7.29 | 7.11 | -- | 54 | 1.4 | <0.5 | 0.65 | 3.0 | 100 | -- |
| 07/23/97 | 14.40 | 5.80 | 8.60 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 14.40 | 5.74 | 8.66 | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/13/97 | 14.40 | 4.97 | 9.43 | -- | <50 | <0.5 | 0.79 | <0.5 | <0.5 | <2.5 | -- |
| 01/28/98 | 14.40 | 8.88 | 5.52 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/11/98 | 14.40 | 8.40 | 6.00 | SAMPLED SEMI-ANNUALLY | | | -- | -- | -- | -- | -- |
| 07/16/98 | 14.40 | 7.08 | 7.32 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 08/04/98 ^a | 14.40 | 6.28 | 8.12 | -- | -- | -- | -- | -- | -- | -- | 1.8 x 1 |
| 09/03/98 ^a | 14.40 | 6.32 | 8.08 | -- | -- | -- | -- | -- | -- | -- | 1.4 x 1 |
| 10/21/98 ^b | 14.40 | 5.64 | 8.76 | -- | -- | -- | -- | -- | -- | -- | 8.6 x 1 |
| 11/04/98 | 14.40 | 5.61 | 8.79 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/26/99 | 14.40 | 6.71 | 7.69 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 05/06/99 | 14.40 | 8.15 | 6.25 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/21/99 | 14.40 | 8.13 | 6.27 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 10/28/99 | 14.40 | 4.14 | 10.26 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/31/00 | 14.40 | 7.07 | 7.33 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/19/00 | 14.40 | 7.52 | 6.88 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/07/00 | 14.40 | 6.23 | 8.17 | -- | <50 | 4.3 | 0.60 | <0.50 | <0.50 | <2.5/<2.0 ^f | -- |
| 12/01/00 | 14.40 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/09/01 | 14.40 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/29/01 | 14.40 | 6.58 | 7.82 | NOT SAMPLED DUE TO INSUFFICIENT WATER | | | -- | -- | -- | -- | -- |
| 08/27/01 | 14.40 | 6.52 | 7.88 | NOT SAMPLED DUE TO INSUFFICIENT WATER | | | -- | -- | -- | -- | -- |
| 11/28/01 | 14.40 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/14/02 | 14.37 | 7.66 | 6.71 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2 ^f | -- |
| 05/15/02 | 14.37 | 6.96 | 7.41 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2 ^f | -- |
| 08/05/02 | 14.37 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/30/02 | 14.37 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/24-25/03 ¹ | 14.37 | 7.77 | 6.60 | 200 | <50 | 8.0 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 06/02/03 | 14.37 | 7.11 | 7.26 | 300 | <50 | 4.3 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 09/02/03 | 14.37 | 5.80 | 8.57 | 410 | 51 | 4.3 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/21/03 | -- ⁿ | -- ⁿ | 10.24 | 560 | 110 | 25 | 0.6 | 1.5 | <1.5 | <2.5 | -- |
| 02/27/04 | -- ⁿ | -- ⁿ | 5.71 | 340 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/28/04 | -- ⁿ | -- ⁿ | 7.88 | 430 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/31/04 | -- ⁿ | -- ⁿ | 9.03 | 460 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/17/04 | -- ⁿ | -- ⁿ | 7.67 | 390 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |

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800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------|-----------------|-----------------|--------------|-------------------------|---------------------|--------------------|-----------------|------------------|-------------------|-------------------|----------------|
| MW-4 (cont) | | | | | | | | | | | |
| 03/28/05 | -- ⁿ | -- ⁿ | 5.32 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 06/09/05 | -- ⁿ | -- ⁿ | 6.70 | 120 ^o | 90 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/19/05 | -- ⁿ | -- ⁿ | 8.03 | 190 ^{o,p,q} | 200 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/18/05 | -- ⁿ | -- ⁿ | 9.43 | 310 ^{o,t} | 230 | 2.7 | <0.5 | 0.8 | <1.5 | <2.5 | -- |
| 03/07/06 | -- ⁿ | -- ⁿ | 5.55 | 230 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/17/06 | -- ⁿ | -- ⁿ | 5.89 | 150 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/30/06 | -- ⁿ | -- ⁿ | 7.71 | 380 ^o | 1,300 | 47 | <2.5 | <2.5 | <7.5 | <50 | -- |
| 11/28/06 | -- ⁿ | -- ⁿ | 8.75 | 1,800 ^o | 1,200 | 36 | 1.1 | 3.4 | <5.0 | <20 | -- |
| 02/06/07 | 16.98 | 8.58 | 8.40 | 1,600 ^o | 13,000 ^u | 3,700 ^u | 60 ^u | 880 ^u | 170 ^u | 210 ^u | -- |
| 05/02/07 | 16.98 | 9.53 | 7.45 | 170 ^o | 1,400 | 170 | 0.6 | 0.9 | 1.6 | <50 | -- |
| 08/17/07 | 16.98 | 8.35 | 8.63 | 1,600 ^o | 4,700 | 870 | 3.8 | 49 | <10 | 30 | -- |
| 11/16/07 | 16.98 | 8.20 | 8.78 | 2,000 ^o | 3,700 | 780 | 5.6 | 100 | 7.8 | 25 | -- |
| 02/05/08 | 16.98 | 10.75 | 6.23 | 250 ^o | 1,100 | 270 | 2.2 | 63 | 7.6 | <50 | -- |
| 05/20/08 | 16.98 | 8.91 | 8.07 | 1,100 ^o | 3,300 | 720 | 4.1 | 13 | 15 | <50 ^w | -- |
| 08/06/08 | 16.98 | 8.09 | 8.89 | 2,200 ^o | 11,000 | 2,700 | 33 | 460 | 87 | <100 ^w | -- |
| 12/05/08 | 16.98 | 7.46 | 9.52 | 540 ^o | 2,500 | 380 | 1.4 | 22 | <5.0 ^x | 11 | -- |
| 02/09/09 | 16.98 | 7.97 | 9.01 | 610 ^o | 890 | 6.4 | 0.5 | 2.9 | <1.5 | <5.0 ^w | -- |
| 05/08/09 | 16.98 | 9.80 | 7.18 | 140 ^o | 560 | 29 | <0.5 | 1.2 | <1.5 | <5.0 ^w | -- |
| 08/07/09 | 16.98 | 8.10 | 8.88 | 1,000 ^o | 1,900 | 260 | 1.2 | 7.1 | 3.0 | 8.3 | -- |
| 02/25/10 | 16.98 | 10.37 | 6.61 | 54^{o,z} | 56 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| MW-5 | | | | | | | | | | | |
| 01/03/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 02/20/97 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/24/97 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 04/30/97 | 15.03 | 7.06 | 7.97 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/23/97 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/29/97 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/28/98 | 15.03 | 8.83 | 6.20 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/11/98 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07/16/98 | 15.03 | 7.28 | 7.75 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 08/04/98 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/04/98 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/26/99 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/06/99 | 15.03 | INACCESSIBLE | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/21/99 | 15.03 | 6.74 | 8.29 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |

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800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|---------------|-------------------------------------|--------------|-------------------|-------------------|-------------|-------------|-------------|-------------|-------------------------|----------------|
| MW-5 (cont) | | | | | | | | | | | |
| 10/28/99 | 15.03 | 4.60 | 10.43 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/31/00 | 15.03 | 7.39 | 7.64 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/19/00 | 15.03 | 7.85 | 7.18 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/07/00 | 15.03 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/01/00 | 15.03 | 5.68 | 9.35 | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50/<2.0 ^f | -- |
| 02/09/01 | 15.03 | 6.22 | 8.81 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0 ^f | -- |
| 05/29/01 | 15.03 | INACCESSIBLE - CAR PARKED OVER WELL | | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/27/01 | 15.03 | INACCESSIBLE - CAR PARKED OVER WELL | | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/28/01 | 15.03 | INACCESSIBLE - CAR PARKED OVER WELL | | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/14/02 | 15.01 | 7.96 | 7.05 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2 ^f | -- |
| 05/15/02 | 15.01 | 7.23 | 7.78 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2 ^f | -- |
| 08/05/02 | 15.01 | 6.13 | 8.88 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2 ^f | -- |
| 11/30/02 | 15.01 | 5.27 | 9.74 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2 ^f | -- |
| 02/24-25/03 ¹ | 15.01 | 7.99 | 7.02 | <50 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 06/02/03 | 15.01 | 7.14 | 7.87 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 09/02/03 | 15.01 | 6.02 | 8.99 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/21/03 | 15.01 | 5.26 | 9.75 | 68 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/27/04 | 15.01 | 8.42 | 6.59 | 140 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/28/04 | 15.01 | 6.71 | 8.30 | 76 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/31/04 | 15.01 | INACCESSIBLE - CAR PARKED OVER WELL | | -- | -- | -- | -- | -- | -- | -- | -- |
| 12/17/04 | 15.01 | 6.98 | 8.03 | 52 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/28/05 | 15.01 | 8.66 | 6.35 | 51 ^o | <50 | <0.5 | 0.7 | <0.5 | <1.5 | <2.5 | -- |
| 06/09/05 | 15.01 | 9.16 | 5.85 | 72 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/19/05 | 15.01 | 6.52 | 8.49 | <50 ^{op} | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/18/05 | 15.01 | 6.12 | 8.89 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/07/06 | 15.01 | 8.98 | 6.03 | <50 ^o | <50 | <0.5 | <0.5 | 1.4 | <1.5 | <2.5 | -- |
| 05/17/06 | 15.01 | 8.83 | 6.18 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/30/06 | 15.01 | 6.86 | 8.15 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/28/06 | 15.01 | 6.46 | 8.55 | 200 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/06/07 | 17.68 | 8.83 | 8.85 | 55 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/02/07 | 17.68 | 9.91 | 7.77 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/17/07 | 17.68 | 8.63 | 9.05 | 66 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/16/07 | 17.68 | INACCESSIBLE - CAR PARKED OVER WELL | | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/05/08 | 17.68 | INACCESSIBLE - CAR PARKED OVER WELL | | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/29/08 | 17.68 | 10.88 | 6.80 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/20/08 | 17.68 | 9.21 | 8.47 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/06/08 | 17.68 | 8.29 | 9.39 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|---------------|--------------|--------------|---------------------------------------|-------------------|----------------|----------------|----------------|----------------|------------------------|----------------|
| MW-5 (cont) | | | | | | | | | | | |
| 12/05/08 | 17.68 | 7.63 | 10.05 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/09/09 | 17.68 | 8.21 | 9.47 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/08/09 | 17.68 | 10.16 | 7.52 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/07/09 | 17.68 | 8.33 | 9.35 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/25/10 | 17.68 | 10.76 | 6.92 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| MW-6 | | | | | | | | | | | |
| 01/03/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 02/20/97 | 14.73 | 8.11 | 6.62 | -- | 800 | 310 | 23 | 11 | 28 | <12 | -- |
| 04/24/97 | 14.73 | 7.13 | 7.60 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/23/97 | 14.73 | 5.73 | 9.00 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 14.73 | 4.98 | 9.75 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/28/98 | 14.73 | 8.19 | 6.54 | -- | 160 | 38 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/11/98 | 14.73 | 8.08 | 6.65 | -- | 1,700 | 490 | 72 | 39 | 52 | <25 | -- |
| 07/16/98 | 14.73 | 7.04 | 7.69 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 08/04/98 ^a | 14.73 | 6.89 | 7.84 | -- | -- | -- | -- | -- | -- | -- | 8.6 x 1 |
| 09/03/98 ^a | 14.73 | 6.24 | 8.49 | -- | -- | -- | -- | -- | -- | -- | 2.9 x 1 |
| 10/21/98 ^b | 14.73 | 5.46 | 9.27 | -- | -- | -- | -- | -- | -- | -- | 1.8 x 1 |
| 11/04/98 | 14.73 | 5.52 | 9.21 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/26/99 | 14.73 | 6.49 | 8.24 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 05/06/99 | 14.73 | 7.91 | 6.82 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 08/21/99 | 14.73 | 7.93 | 6.80 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 10/28/99 | 14.73 | 5.27 | 9.46 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 01/31/00 | 14.73 | 7.16 | 7.57 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/19/00 | 14.73 | 7.60 | 7.13 | -- | <50 | 11 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 08/07/00 | 14.73 | 6.22 | 8.51 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0 ^f | -- |
| 12/01/00 | 14.73 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/09/01 | 14.73 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/29/01 | 14.73 | 6.63 | 8.10 | NOT SAMPLED DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- |
| 08/27/01 ^h | 14.73 | 9.83 | 4.90 | -- | 150 | <0.50 | 5.7 | <0.50 | <0.50 | <5.0 ^f | -- |
| 11/28/01 | 14.73 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/14/02 | 14.68 | 7.90 | 6.78 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 05/15/02 | 14.68 | 7.32 | 7.36 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 08/05/02 | 14.68 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/30/02 | 14.68 | DRY | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/24-25/03 ^l | 14.68 | 7.89 | 6.79 | <50 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------|---------------|-------------------|--------------|---------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MW-6 (cont) | | | | | | | | | | | |
| 06/02/03 | 14.68 | 7.20 | 7.48 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 09/02/03 | 14.68 | 5.77 | 8.91 | 190 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/21/03 | 14.68 | 4.86 | 9.82 | 98 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/27/04 | 14.68 | 8.12 | 6.56 | 240 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/28/04 | 14.68 | 6.43 | 8.25 | 150 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/31/04 | 14.68 | 5.29 | 9.39 | 360 ^m | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/17/04 | 14.68 | 6.85 | 7.83 | 91 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/28/05 | 14.68 | 8.34 | 6.34 | 61 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 06/09/05 | 14.68 | 7.95 | 6.73 | 64 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/19/05 | 14.68 | 6.27 | 8.41 | <50 ^{o-p} | <50 ^s | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/18/05 | 14.68 | DRY AT 15.70 FEET | | -- | -- | -- | -- | -- | -- | -- | -- |
| 03/07/06 | 14.68 | 8.03 | 6.65 | <50 ^o | <50 | <0.5 | <0.5 | 0.9 | <1.5 | <2.5 | -- |
| 05/17/06 | 14.68 | 7.98 | 6.70 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/30/06 | 14.68 | 6.63 | 8.05 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/28/06 | 14.68 | 6.09 | 8.59 | 120 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/06/07 | 17.33 | 8.58 | 8.75 | 96 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/02/07 | 17.33 | 9.64 | 7.69 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/17/07 | 17.33 | 8.38 | 8.95 | 66 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/16/07 | 17.33 | 8.19 | 9.14 | 250 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/05/08 | 17.33 | 10.55 | 6.78 | 120 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/20/08 | 17.33 | 8.92 | 8.41 | 70 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/06/08 | 17.33 | 8.06 | 9.27 | <160 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/05/08 | 17.33 | 7.44 | 9.89 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/09/09 | 17.33 | 7.99 | 9.34 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/08/09 | 17.33 | 10.01 | 7.32 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/07/09 | 17.33 | 8.11 | 9.22 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/25/10 | 17.33 | 10.58 | 6.75 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| MW-7 | | | | | | | | | | | |
| 01/03/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | -- | -- |
| 02/20/97 | 16.36 | 8.86 | 7.50 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/97 | 16.36 | 7.59 | 8.77 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/23/97 | 16.36 | 6.09 | 10.27 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | 16.36 | 5.28 | 11.08 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/28/98 | 16.36 | 9.10 | 7.26 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/11/98 | 16.36 | 9.11 | 7.25 | SAMPLED ANNUALLY | | -- | -- | -- | -- | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|-----------------|---------------------------|--------------|----------------------|-------------------|-------------|-------------|-------------|-------------|------------------------|----------------|
| MW-7 (cont) | | | | | | | | | | | |
| 07/16/98 | 16.36 | 8.00 | 8.36 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/04/98 ^a | 16.36 | 7.32 | 9.04 | -- | -- | -- | -- | -- | -- | -- | 1.5 x 1 |
| 09/03/98 ^a | 16.36 | 6.65 | 9.71 | -- | -- | -- | -- | -- | -- | -- | 6.5 x 1 |
| 10/21/98 ^b | 16.36 | 5.96 | 10.40 | -- | -- | -- | -- | -- | -- | -- | 4.8 x 1 |
| 11/04/98 | 16.36 | 5.89 | 10.47 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/26/99 | 16.36 | 8.25 | 8.11 | -- | <50 | <0.5 | <0.5 | <0.5 | 0.5 | <2.0 | -- |
| 05/06/99 | 16.36 | 8.47 | 7.89 | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/21/99 | 16.36 | 8.51 | 7.85 | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/28/99 | 16.36 | 6.04 | 10.32 | -- | -- | -- | -- | -- | -- | -- | -- |
| 01/31/00 | 16.36 | 7.57 | 8.79 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/19/00 | 16.36 | UNABLE TO LOCATE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/07/00 | 16.36 | 6.67 | 9.69 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5/<2.0 ^f | -- |
| 12/01/00 | 16.36 | 5.84 | 10.52 | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | -- |
| 02/09/01 | 16.36 | 6.30 | 10.06 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- |
| 05/29/01 | 16.36 | UNABLE TO LOCATE | | -- | -- | -- | -- | -- | -- | -- | -- |
| 08/27/01 ^h | 16.36 | 6.02 | 10.34 | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 ^f | -- |
| 11/28/01 | 16.36 | 6.09 | 10.27 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 02/14/02 | 16.31 | 8.21 | 8.10 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 05/15/02 | 16.31 | 7.41 | 8.90 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 08/05/02 | 16.31 | 6.26 | 10.05 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 11/30/02 | 16.31 | 5.39 | 10.92 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 02/24-25/03 ^l | 16.31 | 8.30 | 8.01 | <50 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 06/02/03 | 16.31 | 7.67 | 8.64 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 09/02/03 | 16.31 | 6.17 | 10.14 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/21/03 | 16.31 | UNABLE TO LOCATE - BURIED | | -- | -- | -- | -- | -- | -- | -- | -- |
| 02/27/04 | 16.31 | UNABLE TO LOCATE - BURIED | | -- | -- | -- | -- | -- | -- | -- | -- |
| 05/28/04 | -- ⁿ | -- ⁿ | 9.40 | 91 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/31/04 | -- ⁿ | -- ⁿ | 10.61 | 150 ^m | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/17/04 | -- ⁿ | -- ⁿ | 9.16 | 170 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/28/05 | -- ⁿ | -- ⁿ | 7.21 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 06/09/05 | -- ⁿ | -- ⁿ | 7.71 | 86 ^o | 55 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/19/05 | -- ⁿ | -- ⁿ | 9.88 | 820 ^{o,p,q} | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/18/05 | -- ⁿ | -- ⁿ | 10.06 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/07/06 | -- ⁿ | -- ⁿ | 6.95 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/17/06 | -- ⁿ | -- ⁿ | 7.52 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/30/06 | -- ⁿ | -- ⁿ | 10.73 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/28/06 | -- ⁿ | -- ⁿ | 10.70 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|---------------|--------------|--------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------------|----------------|
| MW-7 (cont) | | | | | | | | | | | |
| 02/06/07 | 19.26 | 8.91 | 10.35 | 73° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/02/07 | 19.26 | 9.98 | 9.28 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/17/07 | 19.26 | 8.75 | 10.51 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/16/07 | 19.26 | 8.56 | 10.70 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/05/08 | 19.26 | 11.43 | 7.83 | 100° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/20/08 | 19.26 | 9.32 | 9.94 | 52° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/06/08 | 19.26 | 8.41 | 10.85 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/05/08 | 19.26 | 7.71 | 11.55 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/09/09 | 19.26 | 8.23 | 11.03 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/08/09 | 19.26 | 10.23 | 9.03 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/07/09 | 19.26 | 8.40 | 10.86 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/25/10 | 19.26 | 10.84 | 8.42 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| MW-8 | | | | | | | | | | | |
| 02/14/02 ^{ij} | 15.29 | 7.30 | 7.99 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5/<2 ^f | -- |
| 05/15/02 ^k | 15.29 | 6.66 | 8.63 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 08/05/02 ^k | 15.29 | 5.48 | 9.81 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 11/30/02 ^k | 15.29 | 4.85 | 10.44 | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 02/24-25/03 ^l | 15.29 | 7.46 | 7.83 | <50 | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 06/02/03 | 15.29 | 6.83 | 8.46 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 09/02/03 | 15.29 | 5.57 | 9.72 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/21/03 | 15.29 | 4.89 | 10.40 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/27/04 | 15.29 | 8.38 | 6.91 | 280 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/28/04 | 15.29 | 6.33 | 8.96 | 72 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/31/04 | 15.29 | 4.79 | 10.50 | 92 ^m | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/17/04 | 15.29 | 6.68 | 8.61 | 53° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/28/05 | 15.29 | 8.79 | 6.50 | <50° | <50 | <0.5 | 0.9 | <0.5 | <1.5 | <2.5 | -- |
| 06/09/05 | 15.29 | 8.26 | 7.03 | 63° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/19/05 | 15.29 | 6.18 | 9.11 | <50° ^p | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/18/05 | 15.29 | 5.47 | 9.82 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/07/06 | 15.29 | 8.60 | 6.69 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/17/06 | 15.29 | 8.21 | 7.08 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/30/06 | 15.29 | 6.57 | 8.72 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/28/06 | 15.29 | 6.38 | 8.91 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/06/07 | 17.79 | 8.39 | 9.40 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/02/07 | 17.79 | 9.33 | 8.46 | <50° | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|-----------------------|---------------|--------------|--------------|---------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MW-8 (cont) | | | | | | | | | | | |
| 08/17/07 | 17.79 | 8.18 | 9.61 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/16/07 | 17.79 | 8.04 | 9.75 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/05/08 | 17.79 | 10.44 | 7.35 | 120 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/20/08 | 17.79 | 8.69 | 9.10 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/06/08 | 17.79 | 7.89 | 9.90 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/05/08 | 17.79 | 7.30 | 10.49 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/09/09 | 17.79 | 7.86 | 9.93 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/08/09 | 17.79 | 9.60 | 8.19 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/07/09 | 17.79 | 7.95 | 9.84 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/25/10 | 17.79 | 10.27 | 7.52 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| MW-9 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.42 | 10.39 | 8.03 | 1,100 ^o | 4,100 | 28 | 6.9 | 9.2 | 240 | -- | -- |
| 06/22/07 | 18.42 | 8.82 | 9.60 | 310 ^o | 500 | 4.4 | <0.5 | <0.5 | 12 | -- | -- |
| 08/17/07 | 18.42 | 8.67 | 9.75 | 92 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 11/16/07 | 18.42 | 8.40 | 10.02 | 470 ^o | 92 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/05/08 | 18.42 | 11.08 | 7.34 | 390 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/20/08 | 18.42 | 9.16 | 9.26 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.42 | 8.31 | 10.11 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 12/05/08 | 18.42 | 7.64 | 10.78 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/09/09 | 18.42 | 8.15 | 10.27 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.42 | 10.11 | 8.31 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.42 | 8.33 | 10.09 | SAMPLED SEMI-ANNUALLY | | <0.5 | -- | -- | -- | -- | -- |
| 02/25/10 | 18.42 | 10.70 | 7.72 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| MW-10 | | | | | | | | | | | |
| 04/20/07 ⁱ | 17.99 | 8.35 | 9.64 | 260 ^o | 1,200 | 29 | 31 | 11 | 140 | -- | -- |
| 06/22/07 | 17.99 | 8.29 | 9.70 | 110 ^o | <50 | 1.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/17/07 | 17.99 | 7.81 | 10.18 | 53 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 11/16/07 | 17.99 | 6.90 | 11.09 | 140 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/05/08 | 17.99 | 9.65 | 8.34 | 330 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/20/08 | 17.99 | 8.28 | 9.71 | 120 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 17.99 | 7.50 | 10.49 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 12/05/08 | 17.99 | 6.67 | 11.32 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|-----------------------|---------------|--------------|--------------|---------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MW-10 (cont) | | | | | | | | | | | |
| 02/09/09 | 17.99 | 7.19 | 10.80 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 17.99 | 8.96 | 9.03 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 17.99 | 7.41 | 10.58 | SAMPLED SEMI-ANNUALLY | | | -- | -- | -- | -- | -- |
| 02/25/10 | 17.99 | 9.11 | 8.88 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| MW-11 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.68 | 9.88 | 8.80 | 350 ^o | 77 | <2.0 | 4.6 | <0.5 | 3.2 | -- | -- |
| 06/22/07 | 18.68 | 9.35 | 9.33 | 140 ^o | 51 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/17/07 | 18.68 | 8.66 | 10.02 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 11/16/07 | 18.68 | 8.47 | 10.21 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/05/08 | 18.68 | 11.10 | 7.58 | 84 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/20/08 | 18.68 | 9.20 | 9.48 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.68 | 8.37 | 10.31 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 12/05/08 | 18.68 | 7.63 | 11.05 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/09/09 | 18.68 | 8.17 | 10.51 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.68 | 10.12 | 8.56 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.68 | 8.34 | 10.34 | SAMPLED SEMI-ANNUALLY | | | -- | -- | -- | -- | -- |
| 02/25/10 | 18.68 | 10.70 | 7.98 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| MW-12 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.46 | 12.88 | 5.58 | 430 ^o | 400 | 2.3 | 40 | 14 | 49 | -- | -- |
| 06/22/07 | 18.46 | 7.75 | 10.71 | 390 ^o | <50 | 0.7 | 1.1 | <0.5 | 4.3 | -- | -- |
| 08/17/07 | 18.46 | 7.91 | 10.55 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 11/16/07 | 18.46 | 6.96 | 11.50 | 200 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/05/08 | 18.46 | 8.62 | 9.84 | 200 ^o | 51 | 0.9 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/05/08 | 18.46 | 8.80 | 9.66 | 66 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.46 | 6.40 | 12.06 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 12/05/08 | 18.46 | 6.20 | 12.26 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/09/09 | 18.46 | 6.53 | 11.93 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.46 | 8.64 | 9.82 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.46 | 6.41 | 12.05 | SAMPLED SEMI-ANNUALLY | | | -- | -- | -- | -- | -- |
| 02/25/10 | 18.46 | 8.08 | 10.38 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|-----------------------|---------------|--------------|--------------|---------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MW-13 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.43 | 9.46 | 8.97 | 140 ^o | 650 | 16 | 23 | 7.5 | 61 | -- | -- |
| 06/22/07 | 18.43 | 8.99 | 9.44 | 400 ^o | <50 | 0.6 | 0.9 | <0.5 | <1.5 | -- | -- |
| 08/17/07 | 18.43 | 8.53 | 9.90 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 11/16/07 | 18.43 | 8.37 | 10.06 | 350 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/05/08 | 18.43 | 10.85 | 7.58 | 57 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/20/08 | 18.43 | 8.99 | 9.44 | 100 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.43 | 8.18 | 10.25 | 78 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 12/05/08 | 18.43 | 7.53 | 10.90 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/09/09 | 18.43 | 8.00 | 10.43 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.43 | 9.93 | 8.50 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.43 | 8.20 | 10.23 | SAMPLED SEMI-ANNUALLY | | | -- | -- | -- | -- | -- |
| 02/25/10 | 18.43 | 10.51 | 7.92 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| MW-14 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.59 | 8.17 | 10.42 | 2,000 ^o | 16,000 | 550 | 1,600 | 620 | 2,400 | -- | -- |
| 06/22/07 | 18.59 | 7.55 | 11.04 | 1,300 ^o | 3,700 | 190 | 150 | 49 | 580 | -- | -- |
| 08/17/07 | 18.59 | 7.82 | 10.77 | 780 ^o | 2,600 | 74 | 54 | 11 | 220 | -- | -- |
| 11/16/07 | 18.59 | 7.58 | 11.01 | 690 ^o | 850 | 45 | 3.5 | 14 | 32 | -- | -- |
| 02/05/08 | 18.59 | 8.99 | 9.60 | 160 ^o | 450 | 16 | 2.7 | 7.6 | 3.0 | -- | -- |
| 05/20/08 | 18.59 | 7.69 | 10.90 | 120 ^o | <50 | 0.7 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.59 | 7.35 | 11.24 | 88 ^o | <50 | 0.9 | <0.5 | <0.5 | <1.5 | -- | -- |
| 12/05/08 | 18.59 | 6.83 | 11.76 | <50 ^o | 100 | 1.7 | 0.5 | <0.5 | <1.5 | -- | -- |
| 02/09/09 | 18.59 | 7.11 | 11.48 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.59 | 8.01 | 10.58 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.59 | 7.48 | 11.11 | SAMPLED SEMI-ANNUALLY | | | -- | -- | -- | -- | -- |
| 02/25/10 | 18.59 | 8.72 | 9.87 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| MW-15 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.38 | 9.78 | 8.60 | 720 ^o | 240 | 1.0 | 1.3 | <0.5 | 20 | -- | -- |
| 06/22/07 | 18.38 | 9.09 | 9.29 | 150 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/17/07 | 18.38 | 8.65 | 9.73 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 11/16/07 | 18.38 | 8.41 | 9.97 | 140 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/05/08 | 18.38 | 10.97 | 7.41 | 52 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/20/08 | 18.38 | 9.12 | 9.26 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.38 | 8.30 | 10.08 | 190 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|-----------------------|---------------|--------------|--------------|---------------------------|-------------------|----------------|-------------------|----------------|----------------|----------------|----------------|
| MW-15 (cont) | | | | | | | | | | | |
| 12/05/08 | 18.38 | 7.58 | 10.80 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/09/09 | 18.38 | 8.12 | 10.26 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.38 | 10.02 | 8.36 | 53 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.38 | 8.30 | 10.08 | SAMPLED SEMI-ANNUALLY | | -- | -- | -- | -- | -- | -- |
| 02/25/10 | 18.38 | 10.61 | 7.77 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| MW-16 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.57 | 8.75 | 9.82 | 2,200 ^o | 15,000 | 87 | 1,200 | 500 | 2,000 | -- | -- |
| 06/22/07 | 18.57 | 8.20 | 10.37 | 2,100 ^o | 10,000 | 130 | 1,800 | 580 | 1,400 | -- | -- |
| 08/17/07 | 18.57 | 7.81 | 10.76 | 640 ^o | 8,200 | 110 | 1,400 | 280 | 730 | -- | -- |
| 11/16/07 | 18.57 | 7.54 | 11.03 | 370 ^o | 1,600 | 22 | 270 | 60 | 160 | -- | -- |
| 02/05/08 | 18.57 | 9.74 | 8.83 | 350 ^o | 930 | 2.6 | 15 | 9.3 | 18 | -- | -- |
| 05/20/08 | 18.57 | 8.26 | 10.31 | 79 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.57 | 7.49 | 11.08 | 74 ^o | <50 | <0.5 | <0.5 | 0.6 | <1.5 | -- | -- |
| 12/05/08 | 18.57 | 6.80 | 11.77 | 89 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 02/09/09 | 18.57 | 7.18 | 11.39 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.57 | 8.92 | 9.65 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.57 | 7.52 | 11.05 | SAMPLED SEMI-ANNUALLY | | -- | -- | -- | -- | -- | -- |
| 02/25/10 | 18.57 | 9.36 | 9.21 | <50^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| MW-17 | | | | | | | | | | | |
| 04/20/07 ⁱ | 18.55 | -0.95 | 19.50 | 1,300 ^o | 7,400 | 66 | 880 | 300 | 1,300 | -- | -- |
| 06/22/07 | 18.55 | 8.21 | 10.34 | 690 ^o | 2,000 | 35 | 27 | 9.3 | 360 | -- | -- |
| 08/17/07 | 18.55 | 2.33 | 16.22 | 240 ^o | 380 | 6.7 | 2.3 | 0.5 | 15 | -- | -- |
| 11/16/07 | 18.55 | 3.22 | 15.33 | 270 ^o | 190 | 4.0 | 4.0 | 1.5 | 27 | -- | -- |
| 02/05/08 | 18.55 | 4.94 | 13.61 | 460 ^o | 1,000 | 16 | 26 | 49 | 60 | -- | -- |
| 05/20/08 | 18.55 | 8.29 | 10.26 | 89 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/06/08 | 18.55 | 5.82 | 12.73 | 150 ^o | 180 | 2.5 | 2.0 | 2.8 | 1.5 | -- | -- |
| 12/05/08 | 18.55 | 6.62 | 11.93 | 120 ^o | 360 | 3.4 | <2.0 ^y | 0.7 | <1.5 | -- | -- |
| 02/09/09 | 18.55 | 6.68 | 11.87 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 05/08/09 | 18.55 | 8.79 | 9.76 | <50 ^o | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/07/09 | 18.55 | 7.51 | 11.04 | SAMPLED SEMI-ANNUALLY | | -- | -- | -- | -- | -- | -- |
| 02/25/10 | 18.55 | 8.92 | 9.63 | <50 | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|-----------------------|---------------|--------------|--------------|-------------------|-------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| AS-1 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 7.63 | -- | -- | -- | -- | -- | -- | -- | -- |
| AS-2 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 8.05 | -- | -- | -- | -- | -- | -- | -- | -- |
| AS-3 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 8.12 | -- | -- | -- | -- | -- | -- | -- | -- |
| AS-4 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 7.98 | -- | -- | -- | -- | -- | -- | -- | -- |
| AS-5 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 7.80 | -- | -- | -- | -- | -- | -- | -- | -- |
| AS-6 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 8.04 | -- | -- | -- | -- | -- | -- | -- | -- |
| AS-7 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 8.01 | -- | -- | -- | -- | -- | -- | -- | -- |
| AS-8 | | | | | | | | | | | |
| 02/25/10 ⁱ | -- | -- | 7.94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | | | | | | | | | | | |
| 10/27/95 | 15.69 | 10.54 | 5.15 | -- | 170,000 | 19,000 | 34,000 | 4,800 | 26,000 | -- | -- |
| 02/20/97 | 15.64 | 8.96 | 6.68 | -- | 18,000 | 870 | 3,500 | 470 | 2,100 | <250 | -- |
| 04/24/97 | 15.64 | 7.30 | 8.34 | -- | 76,000 | 4,600 | 16,000 | 1,600 | 8,300 | 1,000 | -- |
| 07/23/97 | 15.64 | 5.90 | 9.74 | -- | 37,000 | 2,700 | 8,000 | 870 | 6,100 | <250 | -- |
| 10/29/97 | 15.64 | INACCESSIBLE | | -- | -- | -- | -- | -- | -- | -- | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|-----------------------|---------------|--------------|--------------|-------------------|---------------------|-------------|-------------|-------------|-------------|-------------------------|----------------|
| MW-1 (cont) | | | | | | | | | | | |
| 01/28/98 | 15.64 | 9.30 | 6.34 | -- | 10,000 | 380 | 2,000 | 300 | 1,500 | <25 | -- |
| 05/11/98 | 15.64 | 8.72 | 6.92 | -- | 17,000 | 880 | 3,100 | 380 | 2,300 | <250 | -- |
| 07/16/98 | 15.64 | 7.23 | 8.41 | -- | 29,000 | 2,700 | 6,800 | 890 | 3,900 | <1,000 | -- |
| 08/04/98 ^a | 15.64 | 6.90 | 8.74 | -- | -- | -- | -- | -- | -- | -- | <1.0 x 1 |
| 09/03/98 ^a | 15.64 | 6.43 | 9.21 | -- | -- | -- | -- | -- | -- | -- | 4.1 x 1 |
| 10/21/98 ^b | 15.64 | 5.59 | 10.05 | -- | -- | -- | -- | -- | -- | -- | 4.7 x 1 |
| 11/04/98 | 15.64 | 5.64 | 10.00 | -- | 25,000 | 1,900 | 5,900 | 810 | 4,300 | <125 | -- |
| 01/26/99 | 15.64 | 6.86 | 8.78 | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 05/06/99 | 15.64 | 8.17 | 7.47 | -- | 8,050 | 515 | 1,840 | 256 | 1,190 | 300/<20 ^c | -- |
| 08/21/99 | 15.64 | 13.27 | 2.37 | -- | 46,500 | 2,530 | 8,700 | 1,010 | 5,300 | <1,250/<40 ^c | -- |
| 10/28/99 | 15.64 | 5.46 | 10.18 | -- | 31,600 | 1,580 | 6,100 | 794 | 4,400 | 1,270 | -- |
| 01/31/00 | 15.64 | 7.49 | 8.15 | -- | 7,270 | 366 | 1,280 | 171 | 935 | <12.5 | -- |
| 05/19/00 | 15.64 | 7.78 | 7.86 | -- | 8,000 ^e | 870 | 1,200 | 430 | 1,200 | <250 | -- |
| 08/07/00 | 15.64 | 6.42 | 9.22 | -- | 37,000 ^e | 2,400 | 8,500 | 1,100 | 5,500 | 1,500/<4.0 ^f | -- |
| 12/01/00 | 15.64 | 5.25 | 10.39 | -- | 25,500 ^g | 1,390 | 4,920 | 801 | 4,330 | <500/<10 ^f | -- |
| 02/09/01 | 15.64 | 6.10 | 9.54 | -- | 8,900 ^e | 850 | 1,300 | 470 | 1,700 | 820/<2.0 ^f | -- |
| 05/29/01 | 15.64 | 6.79 | 8.85 | -- | 24,000 ^e | 1,800 | 5,600 | 740 | 3,700 | <250/<2.0 ^f | -- |
| 08/27/01 ^h | 15.64 | 5.83 | 9.81 | -- | 27,000 | 1,400 | 4,400 | 710 | 3,400 | <20 ^f | -- |
| 11/28/01 | 15.64 | 5.84 | 9.80 | -- | 26,000 | 1,300 | 3,900 | 620 | 3,400 | <100/<2 ^f | -- |
| 02/14/02 | 15.63 | 8.34 | 7.29 | -- | 1,400 | 100 | 360 | 45 | 240 | 9.3/<2 ^f | -- |
| 05/15/02 | 15.63 | 7.18 | 8.45 | -- | 37,000 | 2,400 | 7,300 | 1,000 | 4,800 | <100/<3.0 ^f | -- |
| 08/05/02 | 15.63 | 6.09 | 9.54 | -- | 27,000 | 1,500 | 4,600 | 700 | 3,400 | <100/<3.0 ^f | -- |
| DESTROYED | | | | | | | | | | | |
| TRIP BLANK | | | | | | | | | | | |
| 02/20/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 04/24/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/23/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 10/29/97 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 01/28/98 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 05/11/98 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |
| 07/16/98 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 11/04/98 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 01/26/99 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.0 | -- |
| 05/06/99 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | -- |
| 01/31/00 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|--------------------------|---------------|--------------|--------------|-------------------|-------------------|-------------|-------------|-------------|-------------|-------------------|----------------|
| TRIP BLANK (cont) | | | | | | | | | | | |
| 05/19/00 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- |
| 08/07/00 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- |
| 12/01/00 | -- | -- | -- | -- | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | -- |
| 02/09/01 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- |
| 05/29/01 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | -- |
| 08/27/01 ^h | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 ^f | -- |
| QA | | | | | | | | | | | |
| 11/28/01 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 02/14/02 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 05/15/02 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 08/05/02 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 11/30/02 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 02/24-25/03 | -- | -- | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <1.5 | <2.5 | -- |
| 06/02/03 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 09/02/03 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/21/03 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/27/04 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/28/04 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/31/04 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/17/04 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/28/05 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 06/09/05 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/19/05 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/18/05 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 03/07/06 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/17/06 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/30/06 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/28/06 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/06/07 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 04/20/07 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/02/07 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 06/22/07 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | -- | -- |
| 08/17/07 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 11/16/07 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/05/08 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/29/08 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/20/08 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | TOC* (ft.) | GWE (msl) | DTW (ft.) | TPH-DRO (µg/L) | TPH-GRO (µg/L) | B (µg/L) | T (µg/L) | E (µg/L) | X (µg/L) | MTBE (µg/L) | CUB (cfu/m) |
|------------------|---------------|--------------|--------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| QA (cont) | | | | | | | | | | | |
| 08/06/08 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 12/05/08 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/09/09 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 05/08/09 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 08/07/09 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |
| 02/25/10 | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <1.5 | <2.5 | -- |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 19, 2000 were compiled from reports prepared by Blaine Tech Services, Inc.

| | | |
|---|---|--|
| TOC = Top of Casing (ft.) = Feet | TPH = Total Petroleum Hydrocarbons DRO = Diesel Range Organics | MTBE = Methyl Tertiary Butyl Ether CUB = Contaminate utilizing bacteria |
| GWE = Groundwater Elevation (msl) = Mean sea level | GRO = Gasoline Range Organics B = Benzene | (cfu/ml) = Colony forming unit per milliliter (µg/L) = Micrograms per liter |
| DTW = Depth to Water | T = Toluene E = Ethylbenzene | (ppb) = Parts per billion -- = Not Measured/Not Analyzed |
| TPH-D = Total Petroleum Hydrocarbons as Diesel | X = Xylenes | QA = Quality Assurance/Trip Blank |
| TPH-G = Total Petroleum Hydrocarbons as Gasoline | | |

- * TOC elevations were surveyed on May 30, 2007, by Morrow Surveying. Vertical Datum is NAVD 88 from GPS observations. Gettler-Ryan received updated TOC data March 12, 2007. Vertical Datum is NAVD 88 from GPS observations. TOC elevations were surveyed on August 17, 2005, by Morrow Surveying. On February 18, 2003, MW-1A was surveyed using the previous benchmark. TOC elevations were surveyed on December March 4, 2002, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, #25-H monument disk in well casting in sidewalk at the northwest corner of 7th and Center. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83), (Benchmark Elevation = 10.784 feet NGVD 29).
- ^a Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.
- ^b Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.
- ^c Confirmation run.
- ^d Chromatogram pattern indicates an unidentified hydrocarbon.
- ^e Laboratory report indicates gasoline C6-C12.
- ^f MTBE by EPA Method 8260.
- ^g Laboratory reports indicates weathered gasoline C6-C12.
- ^h TPH-G and BTEX by EPA Method 8260.
- ⁱ Well development performed.
- ^j TPH-D was detected at 130 ppb.
- ^k TPH-D was <50 ppb.
- ^l Well re-development performed.
- ^m Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
- ⁿ TOC damaged; unable to calculate an accurate GWE.
- ^o Analyzed with silica gel clean-up.
- ^p Laboratory report indicates analysis performed out of hold time.
- ^q Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
- ^r Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

EXPLANATIONS:

- ^s Laboratory report indicates the analysis was performed from a previously opened vial and the results are therefore estimated.
- ^t Laboratory report indicates the observed sample pattern includes #2 fuel/diesel, an additional pattern which elutes later in the DRO range, and individual peaks eluting in the DRO range.
- ^u Laboratory confirmed result.
- ^v Current laboratory analytical results do not coincide with historical data and although laboratory results were confirmed; it appears that the samples were switched.
- ^w Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
- ^x Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for total xylenes. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
- ^y Laboratory report indicates that due to the presence of an interferent near its retention time, the normal reporting limit was not attained for toluene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
- ^z Laboratory report indicates DRO was detected in the method blank at a concentration of 50 µg/L. Due to insufficient sample volume, a repeat analysis could not be performed to confirm the results.
- ^{aa} Laboratory report indicates the ending calibration check standard did not meet the 15% criteria for the original analysis. The sample was reanalyzed from the vial with headspace and the result was <50 µg/L.

Table 2
Field Measurements and Analytical Results
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID/ DATE | Pre-purge DO (mg/L) | Post-purge D.O. (mg/L) | Pre-purge ORP (mV) | Post-purge ORP (mV) | Total Alkalinity (µg/L) | Ferrous Iron (µg/L) | Nitrate as Nitrate (µg/L) | Sulfate (µg/L) |
|--------------------------|------------------------------------|---------------------------------------|-----------------------------------|------------------------------------|--|------------------------------------|--|---------------------------|
| MW-1 | | | | | | | | |
| 09/03/98 | 2.3 | 1.6 | -90 | -103 | 230,000 | 9,800 | <1,000 | 6,100 |
| MW-2 | | | | | | | | |
| 09/03/98 | 2.8 | 2.5 | -206 | -163 | 390,000 | 7,400 | <1,000 | 21,000 |
| MW-3 | | | | | | | | |
| 09/03/98 | 3.1 | 0.7 | -124 | -99 | 830,000 | 45,000 | <1,000 | 10,000 |
| MW-4 | | | | | | | | |
| 09/03/98 | 2.6 | 1.1 | -190 | -206 | -- | -- | -- | -- |
| MW-6 | | | | | | | | |
| 09/03/98 | 2.6 | 3.2 | -148 | -167 | 94,000 | 62 | 28,000 | 47,000 |
| MW-7 | | | | | | | | |
| 09/03/98 | 2.7 | 3.2 | -207 | -229 | 170,000 | 120 | 7,800 | 57,000 |

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

D.O. = Dissolved Oxygen

(mg/L) = Milligram per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

(µg/L) = Micrograms per liter

-- = Not Analyzed

Table 3
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID | DATE | METHANOL (mg/L) | ETHANOL (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) |
|-----------|----------|---------------------------------------|-------------------|--------------------|----------------|----------------|----------------|----------------|-------------------|---------------|
| MW-1 | 08/07/00 | -- | <1,000 | 410 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| | 12/01/00 | -- | <2,500 | <250 | <10 | <10 | <10 | <10 | <10 | <10 |
| | 02/09/01 | -- | <500 | 340 | <2.0 | <2.0 | <2.0 | 53 | <2.0 | <2.0 |
| | 05/29/01 | -- | <500 | <20 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 08/27/01 | <2.000 | <200 | 230 | <20 | <20 | <20 | <20 | <20 | <20 |
| | 11/28/01 | -- | <500 | 130 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 02/14/02 | -- | <500 | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 05/15/02 | -- | <500 | 120 | <3.0 | <3.0 | <3.0 | <3.0 | <3.0 | <3.0 |
| | 08/05/02 | -- | <500 | 100 | <3.0 | <3.0 | <3.0 | <3.0 | <3.0 | <3.0 |
| DESTROYED | | | | | | | | | | |
| MW-2 | 08/07/00 | | <500 | <100 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 08/27/01 | -- | -- | -- | <5.0 | -- | -- | -- | -- | -- |
| MW-3 | 08/07/00 | -- | <500 | 2,600 | <10 | <10 | <10 | <10 | 490 | 17 |
| | 02/09/01 | -- | <500 | 2,000 | <2.0 | <2.0 | <2.0 | 35 | <2.0 | <2.0 |
| | 05/29/01 | -- | <500 | 1,700 ¹ | <2.0 | <2.0 | <2.0 | 38 | 980 ¹ | 7.4 |
| | 08/27/01 | <5.000 | <250 | 1,300 | <25 | <25 | <25 | <25 | 380 | <25 |
| | 11/28/01 | -- | <500 | 1,500 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| | 02/14/02 | -- | <500 | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 05/15/02 | -- | <500 | 110 | <2 | <2 | <2 | <2 | 120 | <2 |
| | 08/05/02 | -- | <1,000 | 1,400 | <10 | <10 | <10 | <10 | 670 | <10 |
| | 11/30/02 | -- | <1,000 | 1,200 | <10 | <10 | <10 | <10 | 380 | <10 |
| | MW-4 | 08/07/00 | -- | <500 | <100 | <2.0 | <2.0 | <2.0 | <2.0 | 18 |
| 08/27/01 | | NOT SAMPLED DUE TO INSUFFICIENT WATER | | | | -- | -- | -- | -- | -- |
| 11/28/01 | | DRY | | | | -- | -- | -- | -- | -- |
| 02/14/02 | | -- | <500 | <100 | <2 | <2 | <2 | <2 | 9 | <2 |
| 05/15/02 | | -- | <500 | <100 | <2 | <2 | <2 | <2 | 4 | <2 |
| 08/05/02 | | DRY | | | | -- | -- | -- | -- | -- |
| 11/30/02 | | DRY | | | | -- | -- | -- | -- | -- |
| MW-5 | 12/01/00 | -- | <500 | <50 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 02/09/01 | -- | <500 | <50 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 08/27/01 | INACCESSIBLE - CAR PARKED OVER WELL | | | | -- | -- | -- | -- | -- |
| | 11/28/01 | INACCESSIBLE - CAR PARKED OVER WELL | | | | -- | -- | -- | -- | -- |
| | 02/14/02 | -- | <500 | <100 | <2 | <2 | <2 | <2 | <2 | <2 |

Table 3
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

| WELL ID | DATE | METHANOL (mg/L) | ETHANOL (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) |
|-------------|----------|--------------------|-------------------|---------------|----------------|----------------|----------------|----------------|-------------------|---------------|
| MW-5 (cont) | 05/15/02 | -- | <500 | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 08/05/02 | -- | <500 | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| | 11/30/02 | -- | <500 | <100 | <2 | <2 | <2 | <2 | <2 | <2 |
| MW-6 | 08/07/00 | -- | <500 | <100 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 08/27/01 | -- | -- | -- | <5.0 | -- | -- | -- | -- | -- |
| | 11/30/02 | DRY | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-7 | 08/07/00 | -- | <500 | <100 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 08/27/01 | -- | -- | -- | <5.0 | -- | -- | -- | -- | -- |
| MW-8 | 02/14/02 | -- | <500 | <100 | <2 | <2 | <2 | <2 | <2 | <2 |

EXPLANATIONS:

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

1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(mg/L) = milligrams per liter
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8260 (modified) for Methanol
EPA Method 8260 for Oxygenate Compounds

¹ Laboratory report indicates this sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.