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Alameda County
Environmental Health



Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Denis L. Brown
Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Re: Shell-branded Service Station
5755 Broadway
Oakland, California
SAP Code 135699
Incident No. 98995756
ACHCSA Case No. RO-0026

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown
Project Manager



**CONESTOGA-ROVERS
& ASSOCIATES**

19449 Riverside Drive, Suite 230, Sonoma, California 95476
Telephone: 707-935-4850 Facsimile: 707-935-6649
www.CRAworld.com

April 1, 2008

Mr. Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Groundwater Monitoring Report –First Quarter 2008**
Shell-branded Service Station
5755 Broadway
Oakland, California
SAP Code 135699
Incident No. 98995756
ACHCSA Case No. RO-0026

Dear Mr. Wickham:

Conestoga-Rovers and Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

If you have any questions regarding the contents of this document, please call Ana Friel at (707) 268-3812.

Sincerely,
Conestoga-Rovers and Associates

Ana Friel, PG
Project Manager



cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Thrifty Oil Company, c/o Mr. Raymond Fredricksen, PO Box 2128, Santa Fe Springs, CA
90670 (property owner)

Equal
Employment
Opportunity Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

Mr. Jerry Wickham
April 1, 2008

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2008

| | |
|--|--------------------------------------|
| Site Address | <u>5755 Broadway, Oakland</u> |
| Site Use | <u>Shell-branded Service Station</u> |
| Shell Project Manager | <u>Denis Brown</u> |
| Consultant and Contact Person | <u>CRA, Ana Friel</u> |
| Lead Agency and Contact | <u>ACHCSA, Jerry Wickham</u> |
| Agency Case No. | <u>RO 0026</u> |
| Shell SAP Code | <u>135699</u> |
| Shell Incident No. | <u>98995756</u> |
| Date of Most Recent Agency Correspondence | <u>August 9, 2006</u> |

Current Quarter's Activities

1. Blaine Tech Services, Inc. (Blaine) gauged and sampled wells according to the established monitoring program for this site.
2. CRA prepared a vicinity map (Figure 1) and a groundwater contour and chemical concentration map (Figure 2). The Blaine report, presenting the analytical data, is included in Attachment A.

Current Quarter's Findings

| | |
|-----------------------------------|---|
| Groundwater Flow Direction | <u>South-Southwest</u> |
| Hydraulic Gradient | <u>0.04</u> |
| Depth to Water | <u>0.45 to 2.03 feet below top of well casing</u> |



**CONESTOGA-ROVERS
& ASSOCIATES**

Mr. Jerry Wickham
April 1, 2008

Proposed Activities for Next Quarter

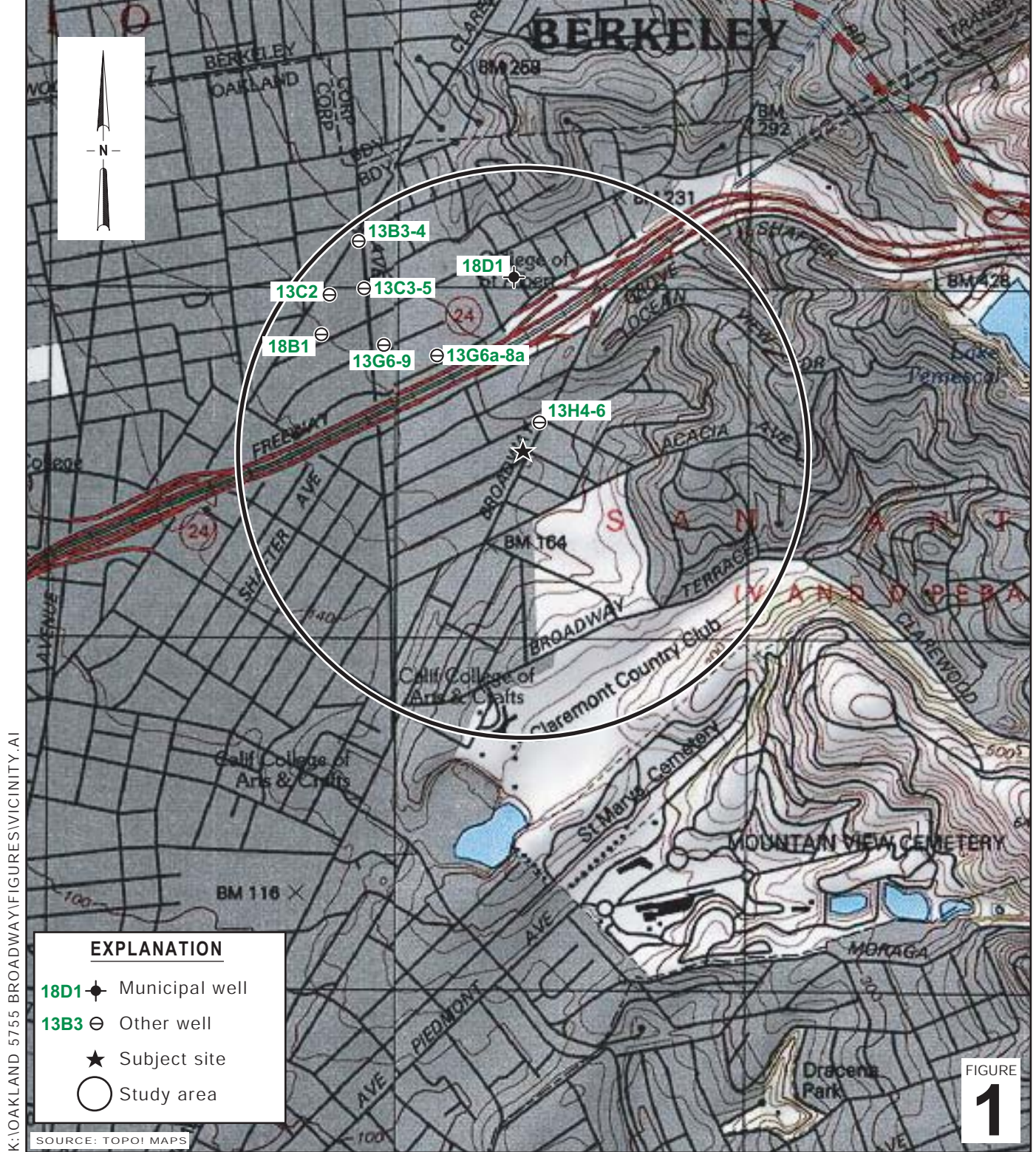
1. Blaine will gauge and sample wells during the second month of the quarter, according to the established monitoring program for this site.

Figures: 1 - Vicinity Map
 2 - Groundwater Contour and Chemical Concentration Map

Attachments: A - Blaine Tech Services, Inc. - Groundwater Monitoring Report

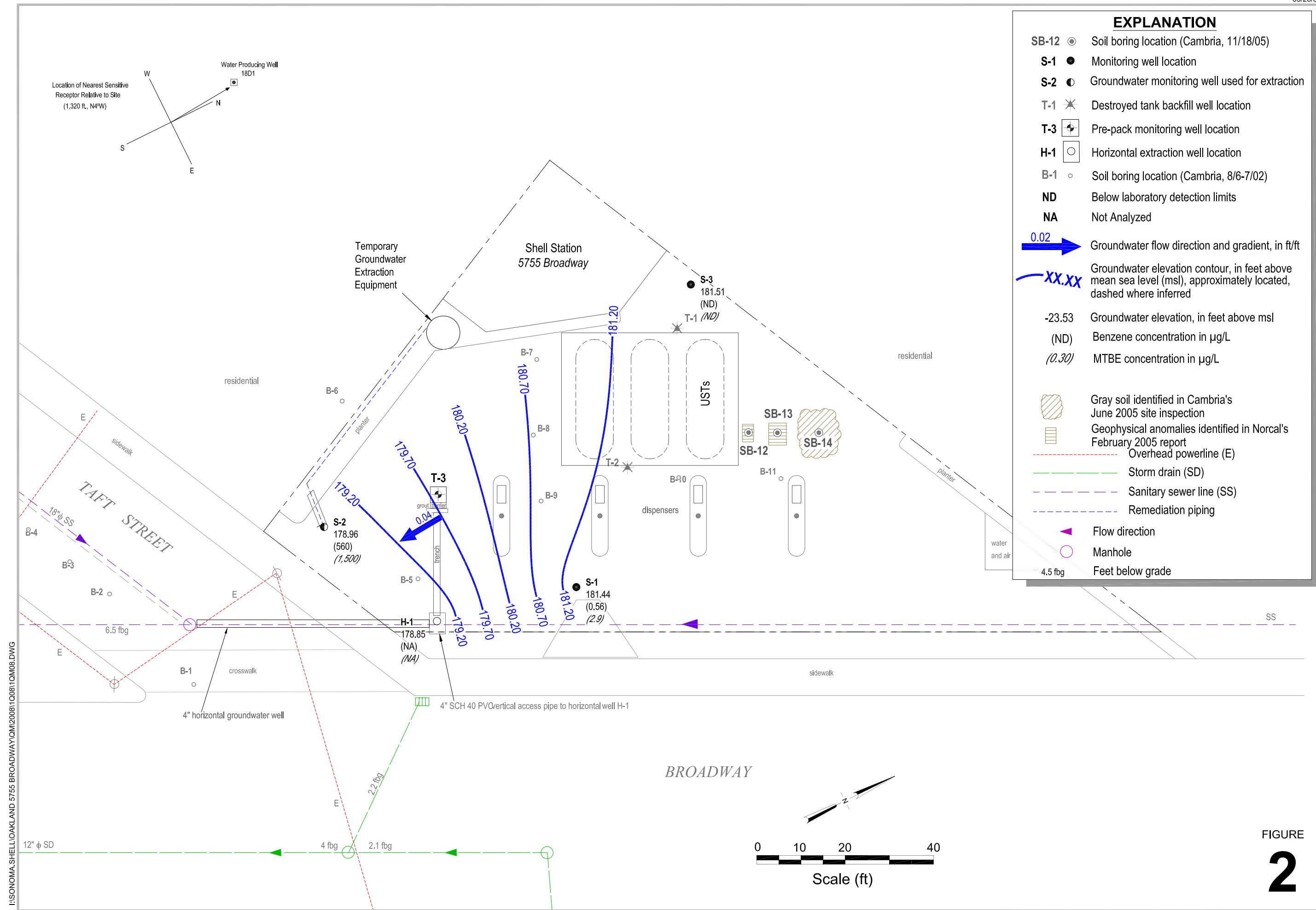
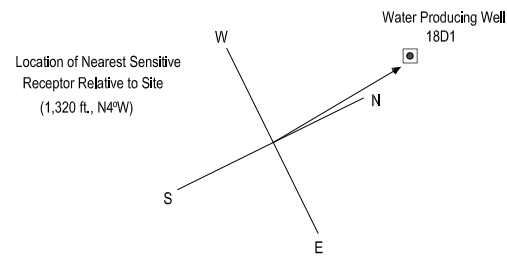
Conestoga-Rovers and Associates (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

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Shell-branded Service Station
 5755 Broadway
 Oakland, California

Vicinity Map



EXPLANATION

- SB-12 ● Soil boring location (Cambria, 11/18/05)
- S-1 ● Monitoring well location
- S-2 ● Groundwater monitoring well used for extraction
- T-1 ✱ Destroyed tank backfill well location
- T-3 ⊕ Pre-pack monitoring well location
- H-1 ○ Horizontal extraction well location
- B-1 ○ Soil boring location (Cambria, 8/6-7/02)
- ND Below laboratory detection limits
- NA Not Analyzed

0.02 → Groundwater flow direction and gradient, in ft/ft

— XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred

-23.53 Groundwater elevation, in feet above msl

(ND) Benzene concentration in µg/L

(0.30) MTBE concentration in µg/L

- ▨ Gray soil identified in Cambria's June 2005 site inspection
- ▨ Geophysical anomalies identified in Norcal's February 2005 report
- - - Overhead powerline (E)
- - - Storm drain (SD)
- - - Sanitary sewer line (SS)
- - - Remediation piping
- ▶ Flow direction
- Manhole
- 4.5 fbg Feet below grade

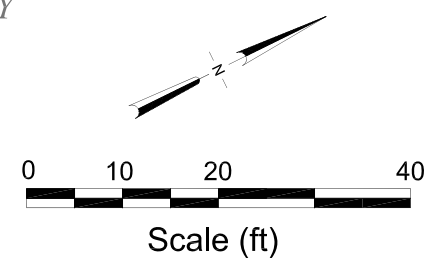


FIGURE
2

I:\SONOMA-SHELL\OAKLAND 5755 BROADWAY\QM\2008\1\Q081\Q1M08.DWG

**Groundwater Contour and
Chemical Concentration Map**

February 13, 2008



Shell-branded Service Station

5755 Broadway
Oakland, California

Attachment A

**Blaine Tech Services, Inc.
Groundwater Monitoring Report**

BLAINE

TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

March 5, 2008

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

First Quarter 2008 Groundwater Monitoring at
Shell-branded Service Station
5755 Broadway
Oakland, CA

Monitoring performed on February 13, 2008

Groundwater Monitoring Report **080213-IW-2**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purge water (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ju

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Ana Friel
Conestoga-Rovers & Associates
19449 Riverside Dr., Suite 230
Sonoma, CA 95476

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
| S-1 | 1/25/1991 | <30 | <0.3 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 100.00 | 3.88 | 96.12 | NA |
| S-1 | 6/3/1991 | <30 | <0.3 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 100.00 | 3.51 | 96.49 | NA |
| S-1 | 8/30/1991 | <30 | <0.3 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 100.00 | 4.24 | 95.76 | NA |
| S-1 | 11/22/1991 | <30 | 2.3 | <0.46 | 0.3 | <0.65 | NA | NA | NA | NA | NA | NA | 100.00 | 4.29 | 95.71 | NA |
| S-1 | 3/13/1992 | <30 | <0.52 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 100.00 | 2.87 | 97.13 | NA |
| S-1 | 5/28/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.79 | 96.21 | NA |
| S-1 | 8/19/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 4.43 | 95.57 | NA |
| S-1 | 11/18/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 4.34 | 95.66 | NA |
| S-1 | 2/10/1993 | 51 | 1.4 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 4.20 | 95.80 | NA |
| S-1 (D) | 2/10/1993 | <50 | 1.2 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 4.20 | 95.80 | NA |
| S-1 | 6/11/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.39 | 96.61 | NA |
| S-1 | 8/3/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.69 | 96.31 | NA |
| S-1 | 11/2/1993 | 70a | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 4.26 | 95.74 | NA |
| S-1 | 12/16/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 100.00 | 2.73 | 97.27 | NA |
| S-1 | 2/1/1994 | 60a | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.38 | 96.62 | NA |
| S-1 | 5/4/1994 | <50 | 1.1 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.00 | 97.00 | NA |
| S-1 | 8/18/1994 | <50 | 0.6 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.70 | 96.30 | NA |
| S-1 (D) | 8/18/1994 | 60a | 0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.70 | 96.30 | NA |
| S-1 | 11/9/1994 | <50 | 4 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 2.52 | 97.48 | NA |
| S-1 | 2/22/1995 | 50 | 0.8 | 0.7 | <0.5 | 1.3 | NA | NA | NA | NA | NA | NA | 100.00 | 4.08 | 95.92 | NA |
| S-1 | 5/2/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 2.58 | 97.42 | NA |
| S-1 | 8/30/1995 | <50 | 1.7 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.48 | 96.52 | NA |
| S-1 | 11/28/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.99 | 96.01 | NA |
| S-1 | 2/2/1996 | <50 | 11 | <0.5 | 0.9 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 2.00 | 98.00 | NA |
| S-1 | 3/9/1996 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 100.00 | 3.38 | 99.62 | NA |
| S-1 | 8/22/1996 | <50 | 1.5 | <0.5 | <0.5 | <0.5 | 130 | NA | NA | NA | NA | NA | 100.00 | 3.43 | 96.57 | NA |
| S-1 | 11/7/1996 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 57 | NA | NA | NA | NA | NA | 100.00 | 3.70 | 96.30 | 4.33 |
| S-1 | 2/20/1997 | <50 | 0.64 | <0.50 | <0.50 | 1.6 | 6.5 | NA | NA | NA | NA | NA | 100.00 | 3.60 | 96.40 | 2 |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
| S-1 | 5/30/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 46 | NA | NA | NA | NA | NA | 100.00 | 3.47 | 96.53 | 7 |
| S-1 (D) | 5/30/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 47 | NA | NA | NA | NA | NA | 100.00 | 3.47 | 96.53 | 7 |
| S-1 | 8/21/1997 | <50 | <0.50 | <0.50 | <0.50 | 0.84 | 26 | NA | NA | NA | NA | NA | 100.00 | 3.01 | 96.99 | 3.1 |
| S-1 | 11/3/1997 | <50 | <0.50 | 1.1 | <0.50 | 1.3 | 190 | NA | NA | NA | NA | NA | 100.00 | 3.66 | 96.34 | 2 |
| S-1 | 1/20/1998 | 110 | 7.9 | 2.8 | 4.4 | 13 | 53 | NA | NA | NA | NA | NA | 100.00 | 1.84 | 98.16 | 4.6 |
| S-1 (D) | 1/20/1998 | 130 | 9.2 | 6.9 | 5.2 | 15 | 93 | NA | NA | NA | NA | NA | 100.00 | 1.84 | 98.16 | 4.6 |
| S-1 | 2/16/1999 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 8.6 | NA | NA | NA | NA | NA | 100.00 | 2.43 | 97.57 | 2.2 |
| S-1 | 9/7/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 100.00 | 2.84 | 97.16 | NA |
| S-1 | 2/2/2000 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 202 | NA | NA | NA | NA | NA | 100.00 | 3.10 | 96.90 | 2.1 |
| S-1 | 4/26/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 100.00 | 2.91 | 97.09 | NA |
| S-1 | 7/25/2000 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 811 | NA | NA | NA | NA | NA | 100.00 | 3.21 | 96.79 | 1.8 |
| S-1 | 11/15/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 100.00 | 3.18 | 96.82 | NA |
| S-1 | 2/12/2001 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | 209 | NA | NA | NA | NA | NA | 100.00 | 1.34 | 98.66 | 2.2 |
| S-1 | 6/7/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 100.00 | 1.27 | 98.73 | NA |
| S-1 | 8/31/2001 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 100.00 | 3.16 | 96.84 | 4.0 |
| S-1 | 12/5/2001 | NA | NA | NA | NA | NA | NA | 2.6 | NA | NA | NA | NA | 100.00 | 1.90 | 98.10 | NA |
| S-1 | 1/31/2002 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 100.00 | 2.67 | 97.33 | NA |
| S-1 | 6/4/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 100.00 | 1.87 | 98.13 | NA |
| S-1 | 7/25/2002 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 100.00 | 2.01 | 97.99 | NA |
| S-1 | 11/7/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 3.01 | 178.88 | NA |
| S-1 | 11/14/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 3.40 | 178.49 | NA |
| S-1 | 1/30/2003 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | 27 | NA | NA | NA | NA | 181.89 | 2.12 | 179.77 | NA |
| S-1 | 6/3/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 1.83 | 180.06 | NA |
| S-1 | 8/27/2003 | <50 | 0.50 | 1.5 | <0.50 | 2.0 | NA | 130 | NA | NA | NA | NA | 181.89 | 3.32 | 178.57 | NA |
| S-1 | 11/25/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 3.28 | 178.61 | NA |
| S-1 | 2/5/2004 | 270 | 2.4 | 6.4 | 5.8 | 19 | NA | 8.3 | NA | NA | NA | NA | 181.89 | 2.09 | 179.80 | NA |
| S-1 | 4/21/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 2.61 | 179.28 | NA |
| S-1 | 8/12/2004 | <500 | <5.0 | <5.0 | <5.0 | <10 | NA | 1,100 | <20 | <20 | <20 | <50 | 181.89 | 3.70 | 178.19 | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|

| | | | | | | | | | | | | | | | | |
|------------|------------------|-----------------|-------------|----------------|----------------|----------------|-----------|------------|-----------|-----------|-----------|-----------|---------------|-------------|---------------|-----------|
| S-1 | 11/8/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 3.04 | 178.85 | NA |
| S-1 | 5/16/2005 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 4.9 | NA | NA | NA | NA | 181.89 | 3.10 | 178.79 | NA |
| S-1 | 8/16/2005 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 64 | <2.0 | <2.0 | <2.0 | 52 | 181.89 | 0.73 | 181.16 | NA |
| S-1 | 11/3/2005 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 3.49 | 178.40 | NA |
| S-1 | 2/16/2006 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | 22.7 | NA | NA | NA | NA | 181.89 | 0.73 | 181.16 | NA |
| S-1 | 5/5/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 0.71 | 181.18 | NA |
| S-1 | 8/21/2006 | <50.0 | 0.630 | <0.500 | <0.500 | 1.71 | NA | 44.6 | <0.500 | <0.500 | <0.500 | <10.0 | 181.89 | 3.34 | 178.55 | NA |
| S-1 | 11/13/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 2.55 | 179.34 | NA |
| S-1 | 1/30/2007 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 24 | NA | NA | NA | NA | 181.89 | 0.91 | 180.98 | NA |
| S-1 | 5/23/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 2.50 | 179.39 | NA |
| S-1 | 8/9/2007 | <50 h | 0.35 i | <1.0 | <1.0 | <1.0 | NA | 33 | <2.0 | <2.0 | <2.0 | <10 | 181.89 | 0.81 | 181.08 | NA |
| S-1 | 11/13/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 181.89 | 0.55 | 181.34 | NA |
| S-1 | 2/13/2008 | <50 h | 0.56 | <1.0 | <1.0 | <1.0 | NA | 2.9 | NA | NA | NA | NA | 181.89 | 0.45 | 181.44 | NA |

| | | | | | | | | | | | | | | | | |
|---------|------------|----------|-------|-------|------|-------|----|----|----|----|----|----|-------|------|-------|----|
| S-2 | 1/25/1991 | 450 | 140 | 1.8 | 6.2 | 15 | NA | NA | NA | NA | NA | NA | 98.92 | 4.52 | 94.40 | NA |
| S-2 | 6/3/1991 | 490 | 150 | 2.7 | 8.2 | 7 | NA | NA | NA | NA | NA | NA | 98.92 | 4.02 | 94.90 | NA |
| S-2 | 8/30/1991 | 70 | 0.37 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 98.92 | 4.70 | 94.22 | NA |
| S-2 | 11/22/1991 | 1,600 | 110 | 9.3 | 29 | 150 | NA | NA | NA | NA | NA | NA | 98.92 | 4.72 | 94.20 | NA |
| S-2 | 3/13/1992 | 1,300 | 210 | 5.7 | 34 | 79 | NA | NA | NA | NA | NA | NA | 98.92 | 3.47 | 95.45 | NA |
| S-2 | 5/28/1992 | 100 | 28 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 98.92 | 4.45 | 94.45 | NA |
| S-2 | 8/19/1992 | 470 | 42 | <0.5 | 8.3 | 4 | NA | NA | NA | NA | NA | NA | 98.92 | 4.84 | 94.08 | NA |
| S-2 | 11/18/1992 | 490 | 43 | 39 | 17 | 29 | NA | NA | NA | NA | NA | NA | 98.92 | 4.73 | 94.19 | NA |
| S-2 | 2/10/1993 | 19,000 | 710 | 760 | 80 | 370 | NA | NA | NA | NA | NA | NA | 98.92 | 4.83 | 94.09 | NA |
| S-2 | 6/11/1993 | 33,000 | 3,100 | 1,600 | 370 | 1,100 | NA | NA | NA | NA | NA | NA | 98.92 | 3.74 | 95.18 | NA |
| S-2 | 8/3/1993 | 18,000 | 1,400 | 130 | 81 | 130 | NA | NA | NA | NA | NA | NA | 98.92 | 4.23 | 94.69 | NA |
| S-2 (D) | 8/3/1993 | 19,000 | 1,400 | 140 | 86 | 150 | NA | NA | NA | NA | NA | NA | 98.92 | 4.23 | 94.69 | NA |
| S-2 | 11/2/1993 | 12,000 a | 470 | 47 | 31 | 92 | NA | NA | NA | NA | NA | NA | 98.92 | 4.72 | 94.20 | NA |
| S-2 (D) | 11/2/1993 | 13,000 a | 530 | 47 | 35 | 96 | NA | NA | NA | NA | NA | NA | 98.92 | 4.72 | 94.20 | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
| S-2 | 12/16/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 98.92 | 3.00 | 95.92 | NA |
| S-2 | 2/1/1994 | 31,000 a | 430 | 46 | 50 | 130 | NA | NA | NA | NA | NA | NA | 98.92 | 3.48 | 95.44 | NA |
| S-2 (D) | 2/1/1994 | 31,000 a | 300 | 33 | 30 | 100 | NA | NA | NA | NA | NA | NA | 98.92 | 3.48 | 95.44 | NA |
| S-2 | 5/4/1994 | 3,900 | 1,200 | 31 | 53 | 71 | NA | NA | NA | NA | NA | NA | 98.92 | 3.26 | 95.66 | NA |
| S-2 (D) | 5/4/1994 | 4,500 | 1,200 | 37 | 57 | 110 | NA | NA | NA | NA | NA | NA | 98.92 | 3.26 | 95.66 | NA |
| S-2 | 8/18/1994 | 24,000 | 600 | 8.3 | 15 | 27 | NA | NA | NA | NA | NA | NA | 98.92 | 3.98 | 94.94 | NA |
| S-2 | 11/9/1994 | 1,400 a | 240 | 9.3 | 13 | 20 | NA | NA | NA | NA | NA | NA | 98.92 | 3.10 | 95.82 | NA |
| S-2 (D) | 11/9/1994 | 1,800 | 260 | 8.5 | 13 | 21 | NA | NA | NA | NA | NA | NA | 98.92 | 3.10 | 95.82 | NA |
| S-2 | 2/22/1995 | 29,000 | 550 | 18 | 12 | 63 | NA | NA | NA | NA | NA | NA | 98.92 | 4.02 | 94.90 | NA |
| S-2 (D) | 2/22/1995 | 28,000 | 530 | 17 | 10 | 60 | NA | NA | NA | NA | NA | NA | 98.92 | 4.02 | 94.90 | NA |
| S-2 | 5/2/1995 | 4,400 | 1,000 | 25 | 38 | 77 | NA | NA | NA | NA | NA | NA | 98.92 | 2.86 | 96.06 | NA |
| S-2 (D) | 5/2/1995 | 4,400 | 1,000 | 26 | 41 | 83 | NA | NA | NA | NA | NA | NA | 98.92 | 2.86 | 96.06 | NA |
| S-2 | 8/30/1995 | 800 | 350 | 20 | 6.7 | 16 | NA | NA | NA | NA | NA | NA | 98.92 | 4.06 | 94.86 | NA |
| S-2 (D) | 8/30/1995 | 960 | 220 | 22 | 12 | 48 | NA | NA | NA | NA | NA | NA | 98.92 | 4.06 | 94.86 | NA |
| S-2 | 11/28/1995 | 2,000 | 230 | 220 | 50 | 230 | NA | NA | NA | NA | NA | NA | 98.92 | 4.48 | 94.44 | NA |
| S-2 (D) | 11/28/1995 | 2,100 | 240 | 230 | 51 | 230 | NA | NA | NA | NA | NA | NA | 98.92 | 4.48 | 94.44 | NA |
| S-2 | 2/2/1996 | 18,000 | 540 | 18 | 12 | 22 | NA | NA | NA | NA | NA | NA | 98.92 | 1.99 | 96.93 | NA |
| S-2 (D) | 2/2/1996 | 11,000 | 600 | 18 | 13 | 28 | NA | NA | NA | NA | NA | NA | 98.92 | 1.99 | 96.93 | NA |
| S-2 | 3/9/1996 | 3,800 | 1,500 | 27 | 30 | 58 | NA | NA | NA | NA | NA | NA | 98.92 | 3.27 | 95.65 | NA |
| S-2 (D) | 3/9/1996 | 3,500 | 1,300 | 24 | 21 | 53 | NA | NA | NA | NA | NA | NA | 98.92 | 3.27 | 95.65 | NA |
| S-2 | 8/22/1996 | <20,000 | 490 | <200 | <200 | <200 | 43,000 | NA | NA | NA | NA | NA | 98.92 | 3.85 | 95.07 | NA |
| S-2 (D) | 8/22/1996 | <20,000 | 570 | <200 | <200 | <200 | 59,000 | 51,000 | NA | NA | NA | NA | 98.92 | 3.85 | 95.07 | NA |
| S-2 | 11/7/1996 | <5,000 | 290 | <50 | <50 | <50 | 32,000 | NA | NA | NA | NA | NA | 98.92 | 4.00 | 94.92 | 3.51 |
| S-2 (D) | 11/7/1996 | <5,000 | 290 | <50 | <50 | <50 | 32,000 | NA | NA | NA | NA | NA | 98.92 | 4.00 | 94.92 | 3.51 |
| S-2 | 2/20/1997 | <10,000 | 520 | <100 | <100 | <100 | 28,000 | NA | NA | NA | NA | NA | 98.92 | 3.20 | 95.72 | 1 |
| S-2 (D) | 2/20/1997 | <10,000 | 520 | <100 | <100 | <100 | 35,000 | NA | NA | NA | NA | NA | 98.92 | 3.20 | 95.72 | 1 |
| S-2 | 5/30/1997 | 150 | 15 | 11 | 3.5 | 15 | 11 | NA | NA | NA | NA | NA | 98.92 | 3.87 | 95.05 | 6 |
| S-2 | 8/21/1997 | 1,600 | 220 | <10 | 20 | <10 | 18,000 | NA | NA | NA | NA | NA | 98.92 | 3.29 | 95.63 | 3.3 |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|--------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
| S-2 (D) | 8/21/1997 | 1,500 | 180 | <10 | 16 | <10 | 21,000 | NA | NA | NA | NA | NA | 98.92 | 3.29 | 95.63 | 3.3 |
| S-2 | 11/3/1997 | 1,000 | 94 | <10 | <10 | <10 | <50 | NA | NA | NA | NA | NA | 98.92 | 4.02 | 94.90 | 1.8 |
| S-2 | 1/20/1998 | 590 | 110 | 8.3 | 18 | 23 | 7,800 | NA | NA | NA | NA | NA | 98.92 | 1.54 | 97.38 | 3.2 |
| S-2 | 7/23/1998 | 2,600 | 840 | <10 | 44 | 22 | 15,000 | NA | NA | NA | NA | NA | 98.92 | 2.89 | 96.03 | NA |
| S-2 | 2/16/1999 | 680 | 140 | 6.1 | 10 | 18 | 19,000 | NA | NA | NA | NA | NA | 98.92 | 1.86 | 97.06 | 2.0 |
| S-2 | 9/7/1999 | <2,000 | 248 | <20.0 | <20.0 | <20.0 | 22,800 | NA | NA | NA | NA | NA | 98.92 | 3.66 | 95.26 | 1.8 |
| S-2 | 2/2/2000 | 103 | 0.825 | <0.500 | <0.500 | <0.500 | 11,700 | 10,500 | NA | NA | NA | NA | 98.92 | 4.02 | 94.90 | 2.0 |
| S-2 | 4/26/2000 | 4,040 | 799 | <20.0 | 40.9 | 255 | 19,000 | 17,100 b | NA | NA | NA | NA | 98.92 | 2.63 | 96.29 | 2.3 |
| S-2 | 7/25/2000 | 1,120 | 195 | 5.94 | 5.62 | 11.3 | 26,600 | 21,100 | NA | NA | NA | NA | 98.92 | 3.42 | 95.50 | 0.6 |
| S-2 b | 11/15/2000 | 613 | 35.6 | <5.00 | <5.00 | 7.36 | 18,100 | 17,800 | NA | NA | NA | NA | 98.92 | 3.31 | 95.61 | 1.8 |
| S-2 | 2/12/2001 | 9,010 | 1,430 | <20.0 | 219 | 848 | 28,300 | 17,000 | NA | NA | NA | NA | 98.92 | 1.47 | 97.45 | 2.0 |
| S-2 | 6/7/2001 | 31,000 | 1,000 | <25 | 630 | 3,200 | NA | 17,000 | NA | NA | NA | NA | 98.92 | 3.43 | 95.49 | 10.4 |
| S-2 | 8/31/2001 | 50,000 | 950 | <20 | 1,500 | 6,000 | NA | 17,000 | NA | NA | NA | NA | 98.92 | 4.72 | 94.20 | 0.9 |
| S-2 | 12/5/2001 | 49,000 | 590 | 7.2 | 1,400 | 4,900 | NA | 11,000 | NA | NA | NA | NA | 98.92 | 1.53 | 97.39 | NA |
| S-2 | 1/31/2002 | 37,000 | 860 | <25 | 1,100 | 4,000 | NA | 14,000 | NA | NA | NA | NA | 98.92 | 2.13 | 96.79 | NA |
| S-2 | 6/4/2002 | 150,000 | 800 | <20 | 1,200 | 4,000 | NA | 9,200 | NA | NA | NA | NA | 98.92 | 2.24 | 96.68 | NA |
| S-2 | 7/25/2002 | 37,000 | 350 | <20 | 660 | 2,400 | NA | 10,000 | NA | NA | NA | NA | 98.92 | 2.03 | 96.89 | NA |
| S-2 | 11/14/2002 | 25,000 | 510 | <25 | 590 | 2,000 | NA | 10,000 | NA | NA | NA | NA | 180.79 | 3.17 | 177.62 | NA |
| S-2 | 1/2/2003 | NA | 710 | <25 | 560 | 2,074 | NA | NA | NA | NA | NA | NA | 180.79 | 2.15 | 178.64 | NA |
| S-2 | 1/30/2003 | 21,000 | 670 | <20 | 360 | 1,200 | NA | 9,300 | NA | NA | NA | NA | 180.79 | 2.09 | 178.70 | NA |
| S-2 | 6/3/2003 | 42,000 | 800 | <50 | 660 | 1,500 | NA | 9,600 | NA | NA | NA | NA | 180.79 | 3.08 | 177.71 | NA |
| S-2 | 8/27/2003 | 31,000 | 630 | <100 | 510 | 1,200 | NA | 15,000 | NA | NA | NA | NA | 180.79 | 2.55 | 178.24 | NA |
| S-2 | 11/25/2003 d | 8,400 a | <50 | <50 | <50 | <100 | NA | 4,500 | NA | NA | NA | NA | 180.79 | NA | NA | NA |
| S-2 | 2/5/2004 | Well inaccessible | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.79 | NA | NA | NA |
| S-2 | 02/10/2004 d | <2,500 | 130 | <25 | <25 | <50 | NA | 3,800 | NA | NA | NA | NA | 180.79 | NA | NA | NA |
| S-2 | 4/21/2004 | 4,700 | 100 | <25 | <25 | <50 | NA | 2,900 | NA | NA | NA | NA | 180.79 | 7.38 | 173.41 | NA |
| S-2 | 8/12/2004 | 2,600 | 63 | <13 | <13 | <25 | NA | 1,400 | <50 | <50 | <50 | 1,200 | 180.79 | e | NA | NA |
| S-2 | 11/8/2004 | 3,600 | <25 | <25 | <25 | <50 | NA | 1,300 | NA | NA | NA | NA | 180.79 | f | NA | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
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| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|

| | | | | | | | | | | | | | | | | |
|------------|------------------|----------------|------------|---------------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|------------|---------------|-------------|---------------|-----------|
| S-2 | 5/16/2005 | 73 g | <0.50 | <0.50 | <0.50 | <1.0 | NA | 3.3 | NA | NA | NA | NA | 180.79 | 3.33 | 177.46 | NA |
| S-2 | 8/16/2005 | 10,000 | 370 | <13 | 60 | 63 | NA | 1,300 | <50 | <50 | <50 | 2,900 | 180.79 | 4.03 | 176.76 | NA |
| S-2 | 11/3/2005 | 1,010 | 31.4 | <0.500 | 2.81 | 31.4 | NA | 349 | NA | NA | NA | 880 | 180.79 | NA | NA | NA |
| S-2 | 2/16/2006 | 5,350 | 79.0 | <0.500 | 2.90 | 59.5 | NA | 687 | NA | NA | NA | 690 | 180.79 | 5.86 | 174.93 | NA |
| S-2 | 5/5/2006 | 5,240 | 148 | <0.500 | 17.1 | 48.8 | NA | 815 | NA | NA | NA | 478 | 180.79 | NA | NA | NA |
| S-2 | 8/21/2006 | 4,640 | 162 | 0.910 | 25.8 | 27.2 | NA | 519 | <0.500 | <0.500 | 0.780 | 711 | 180.79 | 4.72 | 176.07 | NA |
| S-2 | 11/13/2006 | 2,100 | 200 | <5.0 | 58 | 21 | NA | 820 | NA | NA | NA | 1,300 | 180.79 | 3.44 | 177.35 | NA |
| S-2 | 1/30/2007 | 3,300 | 250 | <5.0 | 59 | 17 | NA | 1,100 | NA | NA | NA | 1,600 | 180.79 | 2.32 | 178.47 | NA |
| S-2 | 5/23/2007 | 4,600 h | 410 | 2.3 i | 92 | 24.8 i | NA | 890 | NA | NA | NA | 620 | 180.79 | 2.61 | 178.18 | NA |
| S-2 | 8/9/2007 | 4,100 h | 320 | <10 | 30 | 11 | NA | 650 | <20 | <20 | <20 | 1,400 | 180.79 | 3.72 | 177.07 | NA |
| S-2 | 11/13/2007 | 4,900 h | 230 | <10 | 33 | 12 | NA | 540 | <20 | <20 | <20 | 590 | 180.79 | 2.31 | 178.48 | NA |
| S-2 | 2/13/2008 | 4,800 h | 560 | <10 | 67 | 37 | NA | 1,500 | NA | NA | NA | 610 | 180.79 | 1.83 | 178.96 | NA |

| | | | | | | | | | | | | | | | | |
|---------|------------|-------------------|------|------|------|------|----|----|----|----|----|----|--------|------|-------|----|
| S-3 | 1/25/1991 | <30 | <0.3 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 101.67 | 3.84 | 97.83 | NA |
| S-3 | 6/3/1991 | <30 | <0.3 | 0.3 | 0.3 | 0.3 | NA | NA | NA | NA | NA | NA | 101.67 | 3.25 | 98.42 | NA |
| S-3 | 8/3/1991 | <30 | <0.3 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 101.67 | 4.73 | 96.94 | NA |
| S-3 | 11/22/1991 | <30 | <0.3 | <0.3 | <0.3 | <0.3 | NA | NA | NA | NA | NA | NA | 101.67 | 4.81 | 96.86 | NA |
| S-3 | 3/13/1992 | <30 | <0.3 | 0.3 | 0.3 | 0.3 | NA | NA | NA | NA | NA | NA | 101.67 | 2.29 | 99.38 | NA |
| S-3 | 5/28/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 3.62 | 98.05 | NA |
| S-3 | 8/19/1992 | <50 | <0.5 | <0.5 | <0.5 | 0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 4.66 | 97.01 | NA |
| S-3 | 11/18/1992 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 4.51 | 97.16 | NA |
| S-3 | 2/10/1993 | 30 | 1.9 | 3.2 | 2.4 | 5.6 | NA | NA | NA | NA | NA | NA | 101.67 | 4.36 | 97.31 | NA |
| S-3 | 6/11/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 2.91 | 98.76 | NA |
| S-3 (D) | 6/11/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 2.91 | 98.76 | NA |
| S-3 | 8/3/1993 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 3.70 | 97.97 | NA |
| S-3 | 11/2/1993 | Well inaccessible | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | NA | NA | NA |
| S-3 | 12/16/1993 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.12 | 99.55 | NA |
| S-3 | 2/1/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 2.90 | 98.77 | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
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| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
| S-3 | 5/4/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 2.54 | 99.13 | NA |
| S-3 | 8/18/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 3.51 | 98.16 | NA |
| S-3 | 11/9/1994 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 2.44 | 99.23 | NA |
| S-3 | 2/22/1995 | 80 | <0.5 | 0.5 | <0.5 | 0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 4.12 | 97.55 | NA |
| S-3 | 5/2/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 2.83 | 98.84 | NA |
| S-3 | 8/30/1995 | <50 | 0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 3.16 | 98.51 | NA |
| S-3 | 11/28/1995 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 3.87 | 97.80 | NA |
| S-3 | 2/2/1996 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 2.24 | 99.43 | NA |
| S-3 | 3/9/1996 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | 101.67 | 3.05 | 98.62 | NA |
| S-3 | 8/22/1996 | <50 | 0.8 | <0.5 | <0.5 | <0.5 | <2.5 | NA | NA | NA | NA | NA | 101.67 | 2.85 | 98.82 | 4.6 |
| S-3 | 11/7/1996 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <2.5 | NA | NA | NA | NA | NA | 101.67 | 3.35 | 98.32 | 4.6 |
| S-3 | 2/20/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 101.67 | 3.00 | 98.67 | 1 |
| S-3 | 5/30/1997 | 140 | 14 | 10 | 3.3 | 14 | 8.6 | NA | NA | NA | NA | NA | 101.67 | 3.00 | 98.67 | 8 |
| S-3 | 8/21/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 101.67 | 2.94 | 98.73 | 3.3 |
| S-3 | 11/3/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 101.67 | 3.36 | 98.31 | 2.4 |
| S-3 (D) | 11/3/1997 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | NA | NA | NA | NA | NA | 101.67 | 3.36 | 98.31 | 2.4 |
| S-3 | 1/20/1998 | Well inaccessible | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | NA | NA | NA |
| S-3 | 7/23/1998 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.69 | 98.98 | NA |
| S-3 | 2/16/1999 | <50 | <0.50 | 0.92 | 0.59 | 3.9 | 3.7 | NA | NA | NA | NA | NA | 101.67 | 2.20 | 99.47 | 2.8 |
| S-3 | 9/7/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.81 | 98.86 | NA |
| S-3 | 2/2/2000 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 | NA | NA | NA | NA | NA | 101.67 | 3.97 | 97.70 | 2.7 |
| S-3 | 4/26/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.96 | 98.71 | NA |
| S-3 | 7/25/2000 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | NA | NA | NA | NA | NA | 101.67 | 3.00 | 98.67 | 0.8 |
| S-3 | 11/15/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.86 | 98.81 | NA |
| S-3 | 2/12/2001 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <2.50 | NA | NA | NA | NA | NA | 101.67 | 2.47 | 99.20 | 2.3 |
| S-3 | 6/7/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.78 | 98.89 | NA |
| S-3 | 8/31/2001 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 101.67 | 3.94 | 97.73 | 0.5 |
| S-3 | 12/5/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.05 | 99.62 | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
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| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|------------|------------------|-----------------|-----------------|----------------|----------------|----------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|------------------------|
| S-3 | 1/31/2002 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 101.67 | 2.29 | 99.38 | NA |
| S-3 | 6/4/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 101.67 | 2.56 | 99.11 | NA |
| S-3 | 7/25/2002 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 101.67 | 2.70 | 98.97 | NA |
| S-3 | 11/14/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 3.43 | 180.11 | NA |
| S-3 | 1/30/2003 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 183.54 | 2.16 | 181.38 | NA |
| S-3 | 1/30/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 2.65 | 180.89 | NA |
| S-3 | 8/27/2003 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 0.55 | NA | NA | NA | NA | 183.54 | 2.75 | 180.79 | NA |
| S-3 | 11/25/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 2.85 | 180.69 | NA |
| S-3 | 2/5/2004 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 183.54 | 2.04 | 181.50 | NA |
| S-3 | 4/21/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 2.50 | 181.04 | NA |
| S-3 | 8/12/2004 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | <2.0 | <2.0 | <2.0 | <5.0 | 183.54 | 3.91 | 179.63 | NA |
| S-3 | 11/8/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 2.84 | 180.70 | NA |
| S-3 | 5/16/2005 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 183.54 | 3.05 | 180.49 | NA |
| S-3 | 8/16/2005 | <100 | <1.0 | <1.0 | <1.0 | <2.0 | NA | <1.0 | <4.0 | <4.0 | <4.0 | <10 | 183.54 | 3.42 | 180.12 | NA |
| S-3 | 11/3/2005 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 4.09 | 179.45 | NA |
| S-3 | 2/16/2006 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | NA | NA | NA | NA | 183.54 | 2.25 | 181.29 | NA |
| S-3 | 5/5/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 2.27 | 181.27 | NA |
| S-3 | 8/21/2006 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | <0.500 | <0.500 | <0.500 | 0.570 | 36.4 | 183.54 | 3.17 | 180.37 | NA |
| S-3 | 11/13/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 3.42 | 180.12 | NA |
| S-3 | 1/30/2007 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 183.54 | 2.36 | 181.18 | NA |
| S-3 | 5/23/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 2.65 | 180.89 | NA |
| S-3 | 8/9/2007 | <50 h | <0.50 | <1.0 | <1.0 | <1.0 | NA | <1.0 | <2.0 | <2.0 | <2.0 | <10 | 183.54 | 2.93 | 180.61 | NA |
| S-3 | 11/13/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.54 | 2.04 | 181.50 | NA |
| S-3 | 2/13/2008 | <50 h | <0.50 | <1.0 | <1.0 | <1.0 | NA | <1.0 | NA | NA | NA | NA | 183.54 | 2.03 | 181.51 | NA |
| H-1 | 12/5/2001 | 150 | <0.50 | 8.3 | 1.6 | 16 | NA | 52 | NA | NA | NA | NA | NA | 1.43 | NA | NA |
| H-1 | 1/31/2002 | 3,200 | 12 | <0.50 | 5.7 | 3.7 | NA | 650 | NA | NA | NA | NA | NA | 2.34 | NA | NA |
| H-1 | 6/4/2002 | 280,000 | <10 | 150 | 62 | 9,500 | NA | <100 | NA | NA | NA | NA | NA | 2.56 | NA | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|

| | | | | | | | | | | | | | | | | |
|------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|-------------|---------------|-----------|
| H-1 | 7/25/2002 | 8,200 | 2.2 | 46 | 5.3 | 99 | NA | <10 | NA | NA | NA | NA | NA | 2.83 | NA | NA |
| H-1 | 11/14/2002 | 1,700 | 2.1 | 2.6 | 1.5 | 14 | NA | 380 | NA | NA | NA | NA | 180.63 | 3.74 | 176.89 | NA |
| H-1 | 1/2/2003 | NA | 1.1 | <0.50 | <0.50 | 3.6 | NA | NA | NA | NA | NA | NA | 180.63 | 1.45 | 179.18 | NA |
| H-1 | 1/30/2003 | 630 | 0.99 | 2.0 | 1.6 | 12 | NA | 21 | NA | NA | NA | NA | 180.63 | 2.10 | 178.53 | NA |
| H-1 | 6/3/2003 | 55 | <0.50 | 1.3 | <0.50 | 2.4 | NA | 2.6 | NA | NA | NA | NA | 180.63 | 3.38 | 177.25 | NA |
| H-1 | 8/27/2003 | <50 | 0.55 | <0.50 | <0.50 | 1.2 | NA | 2.8 | NA | NA | NA | NA | 180.63 | 4.10 | 176.53 | NA |
| H-1 | 11/25/2003 | 77 a | 9.7 | <0.50 | <0.50 | <1.0 | NA | 21 | NA | NA | NA | NA | 180.63 | 3.72 | 176.91 | NA |
| H-1 | 2/5/2004 | 380 | 41 | 1.2 | 5.1 | 8.0 | NA | 21 | NA | NA | NA | NA | 180.63 | 1.69 | 178.94 | NA |
| H-1 | 4/21/2004 | 640 | 27 | 0.63 | 2.0 | 2.3 | NA | 33 | NA | NA | NA | NA | 180.63 | 2.14 | 178.49 | NA |
| H-1 | 8/12/2004 | 340 | 18 | 0.75 | <0.50 | 1.7 | NA | 43 | NA | NA | NA | NA | 180.63 | 4.78 | 175.85 | NA |
| H-1 | 11/8/2004 | 1,500 | 29 | <1.0 | 1.7 | <2.0 | NA | 57 | NA | NA | NA | NA | 180.63 | 4.17 | 176.46 | NA |
| H-1 | 5/16/2005 | 150 g | <0.50 | <0.50 | <0.50 | <1.0 | NA | 48 | NA | NA | NA | NA | 180.63 | 4.16 | 176.47 | NA |
| H-1 | 8/16/2005 | 100 g | <0.50 | <0.50 | <0.50 | <1.0 | NA | 57 | NA | NA | NA | NA | 180.63 | 4.66 | 175.97 | NA |
| H-1 | 11/3/2005 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | 12.1 | NA | NA | NA | NA | 180.63 | 5.13 | 175.50 | NA |
| H-1 | 2/16/2006 | 4,230 | <0.500 | <0.500 | 37.7 | 80.5 | NA | 7.12 | NA | NA | NA | NA | 180.63 | 1.87 | 178.76 | NA |
| H-1 | 5/5/2006 | 368 | <0.500 | <0.500 | 2.56 | <0.500 | NA | 22.2 | NA | NA | NA | NA | 180.63 | 2.21 | 178.42 | NA |
| H-1 | 8/21/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.63 | 4.62 | 176.01 | NA |
| H-1 | 11/13/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.63 | 3.89 | 176.74 | NA |
| H-1 | 1/30/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.63 | 3.04 | 177.59 | NA |
| H-1 | 5/23/2007 | 330 h | 7.9 | 0.32 i | 0.48 i | 0.61 i | NA | 74 | NA | NA | NA | NA | 180.63 | 3.38 | 177.25 | NA |
| H-1 | 8/9/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.63 | 4.30 | 176.33 | NA |
| H-1 | 11/13/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.63 | 1.97 | 178.66 | NA |
| H-1 | 2/13/2008 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.63 | 1.78 | 178.85 | NA |

| | | | | | | | | | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|------|----|----|
| T-1 | 5/30/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.65 | NA | NA |
| T-1 | 8/21/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.69 | NA | NA |
| T-1 | 11/3/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.09 | NA | NA |
| T-1 | 1/20/1998 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.61 | NA | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|

| | | | | | | | | | | | | | | | | |
|-----|--------------|-------|--------|--------|--------|--------|-------|----|----|----|----|----|--------|------|----|-----|
| T-1 | 7/23/1998 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.32 | NA | NA |
| T-1 | 2/16/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.95 | NA | NA |
| T-1 | 9/7/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.48 | NA | NA |
| T-1 | 2/2/2000 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 | NA | NA | NA | NA | NA | NA | 2.66 | NA | 2.5 |
| T-1 | 4/26/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.56 | NA | NA |
| T-1 | 7/25/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.60 | NA | NA |
| T-1 | 11/15/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.47 | NA | NA |
| T-1 | 2/12/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.20 | NA | NA |
| T-1 | 6/7/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.36 | NA | NA |
| T-1 | 8/31/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.45 | NA | NA |
| T-1 | 01/09/2002 c | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 183.08 | NA | NA | NA |

| | | | | | | | | | | | | | | | | |
|-----|------------|-------|------|------|-------|------|-------|-----|----|----|----|----|----|------|----|-----|
| T-2 | 5/30/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.81 | NA | NA |
| T-2 | 8/21/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.89 | NA | NA |
| T-2 | 11/3/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.25 | NA | NA |
| T-2 | 1/20/1998 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.55 | NA | NA |
| T-2 | 7/23/1998 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.21 | NA | NA |
| T-2 | 2/16/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.08 | NA | NA |
| T-2 | 9/7/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.72 | NA | NA |
| T-2 | 2/2/2000 | 1,540 | 53.4 | 20.8 | 11.4 | 21.8 | 1,330 | NA | NA | NA | NA | NA | NA | 0.98 | NA | 3.0 |
| T-2 | 4/26/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.02 | NA | NA |
| T-2 | 7/25/2000 | 815 | 17.6 | 10.8 | 1.63 | 3.47 | 133 | NA | NA | NA | NA | NA | NA | 1.80 | NA | 0.8 |
| T-2 | 11/15/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.68 | NA | NA |
| T-2 | 2/12/2001 | 310 | 7.48 | 7.76 | 0.693 | 2.28 | 301 | NA | NA | NA | NA | NA | NA | 1.45 | NA | 1.6 |
| T-2 | 6/7/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.57 | NA | NA |
| T-2 | 8/31/2001 | 720 | 30 | 0.67 | <0.50 | 2.3 | NA | 540 | NA | NA | NA | NA | NA | 2.69 | NA | 0.8 |
| T-2 | 12/5/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.58 | NA | NA |
| T-2 | 1/31/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.32 | NA | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|---------|--------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|------------------------|
| T-2 | 2/4/2002 | 1,000 | 41 | 30 | 4.6 | 20 | NA | 1,200 | NA | NA | NA | NA | NA | 1.46 | NA | NA |
| T-2 | 6/4/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.50 | NA | NA |
| T-2 | 7/25/2002 | 660 | 11 | 0.59 | <0.50 | 2.6 | NA | 97 | NA | NA | NA | NA | NA | 1.53 | NA | NA |
| T-2 | 11/14/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 182.30 | 2.39 | 179.91 | NA |
| T-2 | 1/30/2003 | 560 | 11 | <0.50 | <0.50 | 0.53 | NA | 160 | NA | NA | NA | NA | 182.30 | 1.01 | 181.29 | NA |
| T-2 | 6/3/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 182.30 | 1.55 | 180.75 | NA |
| T-2 | 8/27/2003 | 180 a | 1.6 | <0.50 | <0.50 | <1.0 | NA | 10 | NA | NA | NA | NA | 182.30 | 1.60 | 180.70 | NA |
| T-2 | 11/25/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 182.30 | 1.64 | 180.66 | NA |
| T-2 | 2/5/2004 | 940 | 110 | 10 | 2.4 | 14 | NA | 67 | NA | NA | NA | NA | 182.30 | 0.66 | 181.64 | NA |
| T-2 | 4/21/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 182.30 | 1.50 | 180.80 | NA |
| T-2 | 8/12/2004 | 450 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 33 | NA | NA | NA | NA | 182.30 | 2.72 | 179.58 | NA |
| T-2 | 11/8/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 182.30 | 1.72 | 180.58 | NA |
| T-3 | 5/30/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.31 | NA | NA |
| T-3 | 8/21/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.57 | NA | NA |
| T-3 | 11/3/1997 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.50 | NA | NA |
| T-3 | 1/20/1998 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.76 | NA | NA |
| T-3 | 7/23/1998 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.82 | NA | NA |
| T-3 | 2/16/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.55 | NA | NA |
| T-3 | 9/7/1999 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.89 | NA | NA |
| T-3 | 2/2/2000 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | <5.00 | NA | NA | NA | NA | NA | NA | 3.02 | NA | 2.9 |
| T-3 | 4/26/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.81 | NA | NA |
| T-3 | 7/25/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.00 | NA | NA |
| T-3 | 11/15/2000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.70 | NA | NA |
| T-3 | 2/12/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.11 | NA | NA |
| T-3 | 6/7/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.68 | NA | NA |
| T-3 | 8/31/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.14 | NA | NA |
| T-3 | 01/09/2002 c | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 180.95 | NA | NA | NA |

WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|----------------|-------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------------|--------------------------------------|-----------------------|-----------------------|-----------------------|----------------------|---------------------|--|--|--------------------------------------|
|----------------|-------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------------|--------------------------------------|-----------------------|-----------------------|-----------------------|----------------------|---------------------|--|--|--------------------------------------|

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 7, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 7, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

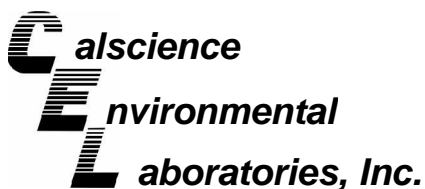
WELL CONCENTRATIONS
Shell-branded Service Station
5755 Broadway
Oakland, CA

| Well ID | Date | TPPH (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE 8020 (ug/L) | MTBE 8260 (ug/L) | DIPE (ug/L) | ETBE (ug/L) | TAME (ug/L) | TBA (ug/L) | TOC (MSL) | Depth to Water (ft.) | GW Elevation (MSL) | DO Reading (ppm) |
|----------------|-------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------------|--------------------------------------|-----------------------|-----------------------|-----------------------|----------------------|---------------------|--|--|--------------------------------------|
|----------------|-------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------------|--------------------------------------|-----------------------|-----------------------|-----------------------|----------------------|---------------------|--|--|--------------------------------------|

Notes:

- a = Chromatogram pattern indicated an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.
- b = This sample analyzed outside of EPA recommended hold time.
- c = Survey date only.
- d = Sampled by client; Cambria Environmental.
- e = Unable to gauge depth to water due to extraction tubing.
- f = Unable to gauge.
- g = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
- h = Analyzed by EPA Method 8015B (M).
- i = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Site surveyed January 9, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.



February 25, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **CalScience Work Order No.: 08-02-1146**
Client Reference: 5755 Broadway, Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/15/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard CalScience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jessie Kim', with a large, sweeping flourish at the end.

CalScience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Analytical Report



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 02/15/08
Work Order No: 08-02-1146
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 5755 Broadway, Oakland, CA

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| S-1 | 08-02-1146-1-D | 02/13/08 16:00 | Aqueous | GC 24 | 02/19/08 | 02/20/08 04:56 | 080219B02 |

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 79 | 38-134 | | | |

| | | | | | | | |
|-----|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| S-2 | 08-02-1146-2-D | 02/13/08 16:15 | Aqueous | GC 24 | 02/19/08 | 02/20/08 05:30 | 080219B02 |
|-----|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | 4800 | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 108 | 38-134 | | | |

| | | | | | | | |
|-----|----------------|-------------------|---------|-------|----------|-------------------|-----------|
| S-3 | 08-02-1146-3-D | 02/13/08 15:04 | Aqueous | GC 24 | 02/19/08 | 02/20/08 06:03 | 080219B02 |
|-----|----------------|-------------------|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 79 | 38-134 | | | |

| | | | | | | | |
|--------------|------------------|-----|---------|-------|----------|-------------------|-----------|
| Method Blank | 099-12-436-1,502 | N/A | Aqueous | GC 24 | 02/19/08 | 02/20/08 03:16 | 080219B02 |
|--------------|------------------|-----|---------|-------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Units |
|------------------------|----------------|-----------------------|----|-------------|-------|
| TPH as Gasoline | ND | 50 | 1 | | ug/L |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | |
| 1,4-Bromofluorobenzene | 79 | 38-134 | | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 02/15/08
Work Order No: 08-02-1146
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 5755 Broadway, Oakland, CA

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| S-1 | 08-02-1146-1-A | 02/13/08 16:00 | Aqueous | GC/MS U | 02/22/08 | 02/23/08 04:16 | 080222L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|----------------------|----------------|-----------------------|----|-------------|-----------------------------|----------------|-----------------------|----|-------------|
| Benzene | 0.56 | 0.50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| Ethylbenzene | ND | 1.0 | 1 | | o-Xylene | ND | 1.0 | 1 | |
| Toluene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 2.9 | 1.0 | 1 | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| Dibromofluoromethane | 105 | 74-140 | | | 1,2-Dichloroethane-d4 | 103 | 74-146 | | |
| Toluene-d8 | 102 | 88-112 | | | 1,4-Bromofluorobenzene | 88 | 74-110 | | |

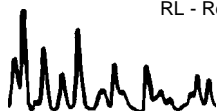
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| S-3 | 08-02-1146-3-A | 02/13/08 15:04 | Aqueous | GC/MS U | 02/22/08 | 02/23/08 05:12 | 080222L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|----------------------|----------------|-----------------------|----|-------------|-----------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| Ethylbenzene | ND | 1.0 | 1 | | o-Xylene | ND | 1.0 | 1 | |
| Toluene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 1.0 | 1 | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| Dibromofluoromethane | 107 | 74-140 | | | 1,2-Dichloroethane-d4 | 106 | 74-146 | | |
| Toluene-d8 | 101 | 88-112 | | | 1,4-Bromofluorobenzene | 88 | 74-110 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-10-006-24,518 | N/A | Aqueous | GC/MS U | 02/22/08 | 02/23/08 00:05 | 080222L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|----------------------|----------------|-----------------------|----|-------------|-----------------------------|----------------|-----------------------|----|-------------|
| Benzene | ND | 0.50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| Ethylbenzene | ND | 1.0 | 1 | | o-Xylene | ND | 1.0 | 1 | |
| Toluene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 1.0 | 1 | |
| <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> | <u>Surrogates:</u> | <u>REC (%)</u> | <u>Control Limits</u> | | <u>Qual</u> |
| Dibromofluoromethane | 109 | 74-140 | | | 1,2-Dichloroethane-d4 | 114 | 74-146 | | |
| Toluene-d8 | 101 | 88-112 | | | 1,4-Bromofluorobenzene | 85 | 74-110 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Blaine Tech Services, Inc.
 1680 Rogers Avenue
 San Jose, CA 95112-1105

Date Received: 02/15/08
 Work Order No: 08-02-1146
 Preparation: EPA 5030B
 Method: EPA 8260B
 Units: ug/L

Project: 5755 Broadway, Oakland, CA

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| S-2 | 08-02-1146-2-A | 02/13/08 16:15 | Aqueous | GC/MS U | 02/22/08 | 02/23/08 04:44 | 080222L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|----------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| Benzene | 560 | 5.0 | 10 | | o-Xylene | ND | 10 | 10 | |
| Ethylbenzene | 67 | 10 | 10 | | Methyl-t-Butyl Ether (MTBE) | 1500 | 10 | 10 | |
| Toluene | ND | 10 | 10 | | Tert-Butyl Alcohol (TBA) | 610 | 100 | 10 | |
| p/m-Xylene | 37 | 10 | 10 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Dibromofluoromethane | 108 | 74-140 | | | 1,2-Dichloroethane-d4 | 124 | 74-146 | | |
| Toluene-d8 | 103 | 88-112 | | | 1,4-Bromofluorobenzene | 94 | 74-110 | | |

| Method Blank | 099-10-006-24,518 | N/A | Aqueous | GC/MS U | 02/22/08 | 02/23/08 00:05 | 080222L02 |
|--------------|-------------------|-----|---------|---------|----------|-------------------|-----------|
|--------------|-------------------|-----|---------|---------|----------|-------------------|-----------|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|----------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| Benzene | ND | 0.50 | 1 | | o-Xylene | ND | 1.0 | 1 | |
| Ethylbenzene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 1.0 | 1 | |
| Toluene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| p/m-Xylene | ND | 1.0 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| Dibromofluoromethane | 109 | 74-140 | | | 1,2-Dichloroethane-d4 | 114 | 74-146 | | |
| Toluene-d8 | 101 | 88-112 | | | 1,4-Bromofluorobenzene | 85 | 74-110 | | |

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 02/15/08
Work Order No: 08-02-1146
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project 5755 Broadway, Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 08-02-1244-1 | Aqueous | GC 24 | 02/19/08 | 02/20/08 | 080219S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-----------------|---------|----------|---------|-----|--------|------------|
| TPH as Gasoline | 91 | 98 | 68-122 | 8 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

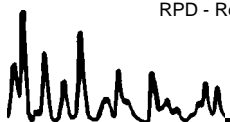
Date Received: 02/15/08
Work Order No: 08-02-1146
Preparation: EPA 5030B
Method: EPA 8260B

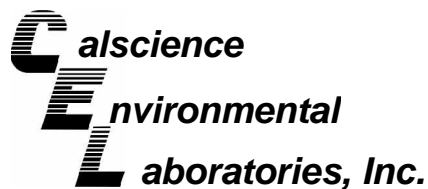
Project 5755 Broadway, Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 08-02-1145-1 | Aqueous | GC/MS U | 02/22/08 | 02/23/08 | 080222S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|---------|----------|---------|-----|--------|------------|
| Benzene | 109 | 100 | 88-118 | 7 | 0-7 | |
| Carbon Tetrachloride | 113 | 111 | 67-145 | 2 | 0-11 | |
| Chlorobenzene | 112 | 106 | 88-118 | 6 | 0-7 | |
| 1,2-Dibromoethane | 114 | 109 | 70-130 | 4 | 0-30 | |
| 1,2-Dichlorobenzene | 120 | 111 | 86-116 | 8 | 0-8 | 3 |
| 1,1-Dichloroethene | 115 | 114 | 70-130 | 1 | 0-25 | |
| Ethylbenzene | 78 | 65 | 70-130 | 5 | 0-30 | 3 |
| Toluene | 118 | 110 | 87-123 | 6 | 0-8 | |
| Trichloroethene | 120 | 107 | 79-127 | 11 | 0-10 | 4 |
| Vinyl Chloride | 110 | 102 | 69-129 | 8 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 108 | 109 | 71-131 | 1 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 94 | 97 | 36-168 | 3 | 0-45 | |
| Diisopropyl Ether (DIPE) | 115 | 114 | 81-123 | 1 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 110 | 111 | 72-126 | 1 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 111 | 106 | 72-126 | 4 | 0-12 | |
| Ethanol | 77 | 79 | 53-149 | 2 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

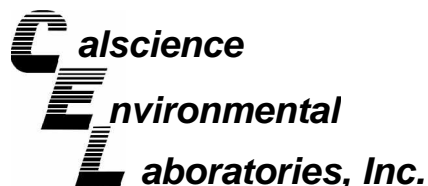
Date Received: N/A
Work Order No: 08-02-1146
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 5755 Broadway, Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-436-1,502 | Aqueous | GC 24 | 02/19/08 | 02/20/08 | 080219B02 |

| <u>Parameter</u> | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>%REC CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|------------------|-----------------|------------------|----------------|------------|---------------|-------------------|
| TPH as Gasoline | 105 | 101 | 78-120 | 4 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 08-02-1146
Preparation: EPA 5030B
Method: EPA 8260B

Project: 5755 Broadway, Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-10-006-24,518 | Aqueous | GC/MS U | 02/22/08 | 02/22/08 | 080222L02 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|----------|-----------|---------|-----|--------|------------|
| Benzene | 107 | 106 | 84-120 | 0 | 0-8 | |
| Carbon Tetrachloride | 112 | 110 | 63-147 | 2 | 0-10 | |
| Chlorobenzene | 105 | 105 | 89-119 | 0 | 0-7 | |
| 1,2-Dibromoethane | 110 | 110 | 80-120 | 0 | 0-20 | |
| 1,2-Dichlorobenzene | 111 | 111 | 89-119 | 1 | 0-9 | |
| 1,1-Dichloroethene | 111 | 110 | 77-125 | 0 | 0-16 | |
| Ethylbenzene | 109 | 109 | 80-120 | 0 | 0-20 | |
| Toluene | 112 | 112 | 83-125 | 0 | 0-9 | |
| Trichloroethene | 109 | 110 | 89-119 | 1 | 0-8 | |
| Vinyl Chloride | 103 | 104 | 63-135 | 1 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 104 | 107 | 82-118 | 2 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 107 | 106 | 46-154 | 1 | 0-32 | |
| Diisopropyl Ether (DIPE) | 110 | 112 | 81-123 | 2 | 0-11 | |
| Ethyl-t-Butyl Ether (ETBE) | 104 | 107 | 74-122 | 3 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 107 | 107 | 76-124 | 0 | 0-10 | |
| Ethanol | 96 | 104 | 60-138 | 8 | 0-32 | |

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 08-02-1146

| <u>Qualifier</u> | <u>Definition</u> |
|------------------|---|
| * | See applicable analysis comment. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification. |
| 4 | The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification. |
| 5 | The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required. |
| A | Result is the average of all dilutions, as defined by the method. |
| B | Analyte was present in the associated method blank. |
| C | Analyte presence was not confirmed on primary column. |
| E | Concentration exceeds the calibration range. |
| H | Sample received and/or analyzed past the recommended holding time. |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| N | Nontarget Analyte. |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| U | Undetected at the laboratory method detection limit. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |





Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- CALSCIENCE ()
- SPL ()
- XENCO ()
- TEST AMERICA ()
- OTHER ()

Please Check Appropriate Box:

| | | |
|---|--|---------------------------------------|
| <input checked="" type="checkbox"/> ENV. SERVICES | <input type="checkbox"/> MOTIVA RETAIL | <input type="checkbox"/> SHELL RETAIL |
| <input type="checkbox"/> MOTIVA SD&CM | <input type="checkbox"/> CONSULTANT | <input type="checkbox"/> LUBES |
| <input type="checkbox"/> SHELL PIPELINE | <input type="checkbox"/> OTHER _____ | |

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 7 5 6

CHECK IF NO INCIDENT # APPLIES:

DATE: 2/13/08

PAGE: 1 of 1

| | | | | |
|---|--|---|--|--------------------------------------|
| SAMPLING COMPANY: Blaine Tech Services | LOG CODE: BTSS | SITE ADDRESS: Street and City: 5755 Broadway, Oakland | State: CA | GLOBAL ID NO.: T0600101270 |
| ADDRESS: 1680 Rogers Ave, San Jose, CA 95112 | EDF DELIVERABLE TO (Name, Company, Office Location): Ana Friel, CRA, Eureka Office | PHONE NO.: (707) 268-3812 | E-MAIL: sonomaedf@croworld.com | |
| PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata | TELEPHONE: (408)573-0555 | FAX: (408)573-7771 | CONSULTANT PROJECT NO.: 080213-1W2 | |
| E-MAIL: mninokata@blainetech.com | SAMPLER NAME(S) (Print): IAN WILLIAMS | | | BTS #: 02-1146 |

TURNAROUND TIME (CALENDAR DAYS):
 STANDARD (14 DAY)
 5 DAYS
 3 DAYS
 2 DAYS
 24 HOURS
 RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

SHELL CONTRACT RATE APPLIES
 STATE REIMBURSEMENT RATE APPLIES
 EDD NOT NEEDED
 RECEIPT VERIFICATION REQUESTED

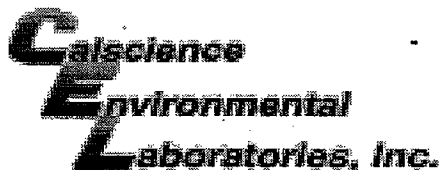
REQUESTED ANALYSIS

| LAB USE ONLY | Field Sample Identification | SAMPLING | | MATRIX | PRESERVATIVE | | | | | NO. OF CONT. | TEMPERATURE ON RECEIPT °C | | | | | | | | | | | | Container PID Readings or Laboratory Notes | | | | | | | | | | | | | | | |
|--------------|-----------------------------|----------|------|--------|--------------|------|-------|------|-------|--------------|---------------------------|---------------------------|--------------|----------------------|--------------|-------------|--------------|--------------|--------------|-----------------|-------------|-----------------|--|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | DATE | TIME | | HCL | HNO3 | H2SO4 | NONE | OTHER | | TPH - Purgeable (8260B) | TPH - Extractable (8015M) | BTEX (8260B) | 5 Oxygenates (8260B) | MTBE (8260B) | TBA (8260B) | DIPE (8260B) | TAME (8260B) | ETBE (8260B) | 1,2 DCA (8260B) | EDB (8260B) | Ethanol (8260B) | | Methanol (8015M) | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | S-1 | 2/13/08 | 1600 | W | X | | | | | | 5 | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | S-2 | 2/13/08 | 1615 | W | X | | | | | | 5 | X | X | X | X | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | S-3 | 2/13/08 | 1504 | W | X | | | | | | 5 | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|--|------------------|---------------|
| Relinquished by: (Signature) <i>Jan Williams</i> | Received by: (Signature) <i>[Signature]</i> | Date: 2/13/08 | Time: 1750 |
| Relinquished by: (Signature) <i>[Signature] (Sample Custodian)</i> | Received by: (Signature) <i>[Signature]</i> | Date: 2/14/08 | Time: 1550 |
| Relinquished by: (Signature) <i>[Signature]</i> | Received by: (Signature) <i>[Signature]</i> | Date: 2/15/08 | Time: 0915 |

SAMPLE CUSTODIAN

508437433



WORK ORDER #: 08 - 02 - 1146

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech

DATE: 02/15/08

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
C Temperature blank.

LABORATORY (Other than CalScience Courier):

- 3.8 C Temperature blank.
C IR thermometer.
Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Present: [checked]

Initial: JP

SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: JP

COMMENTS:

Blank lines for handwritten comments.

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 5755 BROADWAY, OAKLAND Date 2/13/08
 Job Number 080213-1W2 Technician IW Page 1 of 1

| Well ID | Well Inspected - No Corrective Action Required | Well Box Meets Compliance Requirements *See Below | Water Bailed From Wellbox | Cap Replaced | Lock Replaced | Well Not Inspected (explain in notes) | New Deficiency Identified | Previously Identified Deficiency Persists | Notes |
|---------|--|---|---------------------------|--------------|---------------|---------------------------------------|---------------------------|---|---------------------------------|
| S-1 | X | | | | | | | | |
| S-2 | X | | | | | | | | |
| S-3 | X | | | | | | | | UNDER OVERTURNED PHONE BOOTH |
| H-1 | X | | | | | | | | |
| | | | | | | | | | |
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*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12" or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes: _____

WELL GAUGING DATA

Project # 080213-1W-2 Date 2/13/08 Client SHELL

Site 5755 BROADWAY, OAKLAND

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---------|------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|-------------------------------------|------------------|
| S-1 | 1410 | 3 | | | | | 0.45 | 11.22 | ↓ | |
| S-2 | 1407 | 4 | ODOR | | | | 1.83 | 9.45 | | |
| S-3 | 1401 | 4 | | | | | 2.03 | 9.51 | | UNDER OVERTURNED |
| H-1 | 1416 | 4 | | | | | 1.78 | 12.00 | | GO |
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SHELL WELL MONITORING DATA SHEET

| | |
|---|-----------------------------------|
| BTS #: 080213-1W2 | Site: 5755 BROADWAY, OAKLAND |
| Sampler: 1W | Date: 2/13/08 |
| Well I.D.: S-1 | Well Diameter: 2 <u>3</u> 4 6 8 |
| Total Well Depth (TD): 11.22 | Depth to Water (DTW): 0.45 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 2.60 | |

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

1W
$$\frac{4.0}{3} \text{ (Gals.)} \times 3 = 12.0 \text{ Gals.}$$

1 Case Volume Specified Volumes Calculated Volume

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

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-------------------------|------|------------------------------|------------------|---------------|--------------|
| 1448 | 61.4 | 9.24 | 188.4 | 76.0 | 4.0 | STRONG ODOR |
| 1449 | 61.3 | 9.97 | 173.2 | 78.8 | 8.0 | STRONG ODOR |
| 1449 | WELL DEWATERED @ 9 gal. | | | | DTW = 8.66 | |
| 1600 | 59.0 | 8.78 | 329.1 | 64.8 | GRAB | " |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 9

Sampling Date: 2/13/08 Sampling Time: 1600 Depth to Water: 2.55

Sample I.D.: S-1 Laboratory: STL Other: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see COC

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable): _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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

SHELL WELL MONITORING DATA SHEET

| | |
|---|-----------------------------------|
| BTS #: 080213-1W2 | Site: 5755 BROADWAY, OAKLAND |
| Sampler: 1W | Date: 2/13/08 |
| Well I.D.: S-2 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth (TD): 9.45 | Depth to Water (DTW): 1.83 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.35 | |

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

| $\frac{5.0 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = \frac{15.0 \text{ Gals.}}{\text{Specified Volumes}} \text{ Calculated Volume}$ | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table> | Well Diameter | Multiplier | Well Diameter | Multiplier | 1" | 0.04 | 4" | 0.65 | 2" | 0.16 | 6" | 1.47 | 3" | 0.37 | Other | radius ² * 0.163 |
|--|--|---------------|-----------------------------|---------------|------------|----|------|----|------|----|------|----|------|----|------|-------|-----------------------------|
| Well Diameter | Multiplier | Well Diameter | Multiplier | | | | | | | | | | | | | | |
| 1" | 0.04 | 4" | 0.65 | | | | | | | | | | | | | | |
| 2" | 0.16 | 6" | 1.47 | | | | | | | | | | | | | | |
| 3" | 0.37 | Other | radius ² * 0.163 | | | | | | | | | | | | | | |

| Time | Temp (°F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-------------------------|------|-----------------------|------------------|---------------|--------------|
| 1458 | 63.4 | 6.97 | 788.4 | 33.7 | 5 | STRONG ODOR |
| 1459 | WELL DEWATERED @ 7 gal. | | | | DTW = | 6.11 |
| 1615 | 59.9 | 7.04 | 720.5 | 54.6 | GRAB | " |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 7 gal.

Sampling Date: 2/13/08 Sampling Time: 1615 Depth to Water: 3.28

Sample I.D.: S-2 Laboratory: STL Other: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see COC

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SHELL WELL MONITORING DATA SHEET

| | |
|---|-----------------------------------|
| BTS #: 080213-W2 | Site: 5755 BROADWAY, OAKLAND |
| Sampler: 1W | Date: 2/13/08 |
| Well I.D.: S-3 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth (TD): 9.51 | Depth to Water (DTW): 2.03 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.53 | |

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Watera Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

UNDERNEATH OVERTURNED PHONEBOOTH

| $4.9 \text{ (Gals.)} \times 3 = 14.7 \text{ Gals.}$ | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table> | Well Diameter | Multiplier | Well Diameter | Multiplier | 1" | 0.04 | 4" | 0.65 | 2" | 0.16 | 6" | 1.47 | 3" | 0.37 | Other | radius ² * 0.163 |
|---|--|-------------------|-----------------------------|---------------|------------|----|------|----|------|----|------|----|------|----|------|-------|-----------------------------|
| Well Diameter | Multiplier | Well Diameter | Multiplier | | | | | | | | | | | | | | |
| 1" | 0.04 | 4" | 0.65 | | | | | | | | | | | | | | |
| 2" | 0.16 | 6" | 1.47 | | | | | | | | | | | | | | |
| 3" | 0.37 | Other | radius ² * 0.163 | | | | | | | | | | | | | | |
| 1 Case Volume | Specified Volumes | Calculated Volume | | | | | | | | | | | | | | | |

| Time | Temp (°F) | pH | Cond. (mS or MS) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|--------------------------|------------------------------|------------------|---------------|------------------|
| 1425 | 60.5 | 7.72 | 743.6 | 16.5 | 4.9 | VERY STRONG ODOR |
| 1426 | 60.1 | 7.48 | 718.7 | 30.5 | 9.8 | " |
| 1426 | | WELL DEWATERED @ 11 gal. | | | | DTW = 5.82 |
| 1504 | 59.6 | 7.67 | 923.8 | 58.9 | GRAB | " |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 11

Sampling Date: 2/13/08 Sampling Time: 15.04 Depth to Water: 3.41

Sample I.D.: S-3 Laboratory: STL Other: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see COC

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable): _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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