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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
2120 Montana Street
Oakland, California
SAP Code 135675
Incident No. 98995740
ACHCSA Case No. 0173

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,

Denis L. Brown
Project Manager



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

August 22, 2008

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

Re: **Groundwater Monitoring Report – Second Quarter 2008**
Shell-branded Service Station
2120 Montana Street
Oakland, California
SAP Code 135675
Incident No. 98995740
ACHCSA Case No. 0173

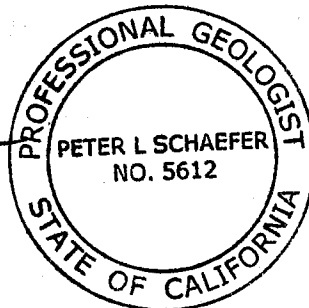
Dear Mr. Wickham:

Conestoga-Rovers & 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 Peter Schaefer at (510) 420-3319.

Sincerely,
Conestoga-Rovers & Associates

Peter Schaefer, CHG, CEG
Project Manager



for: Ana Friel, PG
Professional Geologist

cc: Mr. Denis Brown, Shell

Equal
Employment
Opportunity Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

Mr. Jerry Wickham
August 22, 2008

GROUNDWATER MONITORING REPORT - SECOND QUARTER 2008

| | |
|--|--------------------------------------|
| Site Address | <u>2120 Montana St., Oakland</u> |
| Site Use | <u>Shell-branded Service Station</u> |
| Shell Project Manager | <u>Denis Brown</u> |
| Consultant and Contact Person | <u>CRA, Peter Schaefer</u> |
| Lead Agency and Contact | <u>ACHCSA, Jerry Wickham</u> |
| Agency Case No. | <u>0173</u> |
| Shell SAP Code | <u>135675</u> |
| Shell Incident No. | <u>98995740</u> |
| Date of Most Recent Agency Correspondence | <u>September 21, 2007</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>Southwesterly</u> |
| Hydraulic Gradient | <u>0.03</u> |
| Depth to Water | <u>10.66 to 13.73 feet below top of well casing</u> |

Proposed Activities for Next Quarter

1. Blaine will gauge and sample wells according to the established monitoring program for this site.



**CONESTOGA-ROVERS
& ASSOCIATES**

Mr. Jerry Wickham
August 22, 2008

Discussion

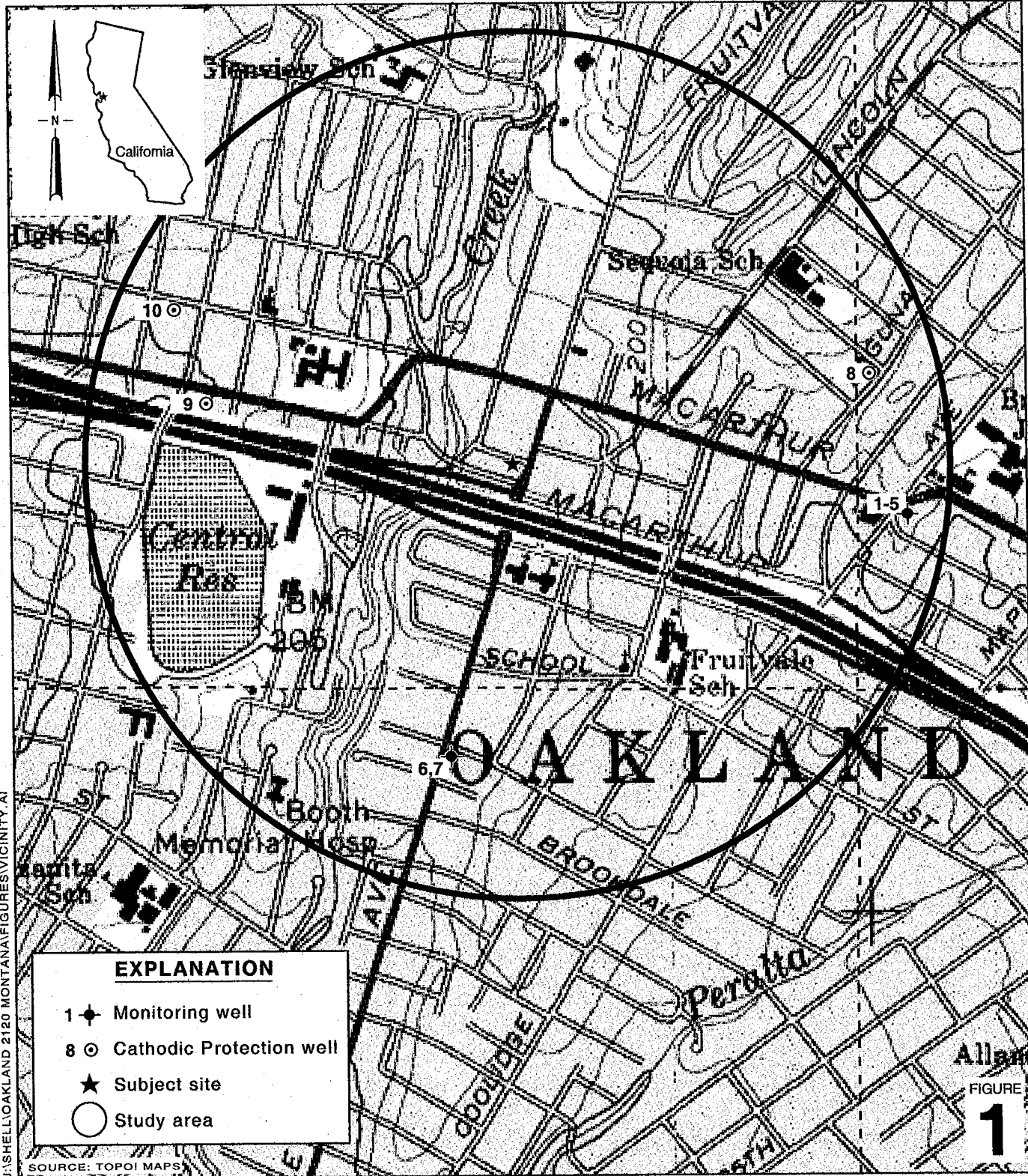
Based on declining petroleum hydrocarbon concentrations in recent groundwater and soil vapor sampling events, CRA believes installation of offsite soil vapor probes is no longer necessary. Groundwater concentrations of benzene, ethylbenzene, toluene, xylenes, and methyl tertiary-butyl ether in MW-1, adjacent to the proposed offsite soil vapor probe locations, are below San Francisco Bay Regional Water Quality Control Board's groundwater screening levels for evaluation of potential vapor intrusion concerns (Interim Final-November 2007 [revised May 2008], Table E-1). Soil vapor concentrations at five feet below grade in SV-D and SV-E, in the same area, were also below ESLs. Following ACEH concurrence, CRA will suspend attempts to gain offsite access for soil vapor probe installation.

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

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

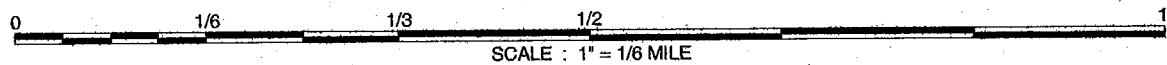
Conestoga-Rovers & Associates (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes 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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J:\SHELLOAKLAND 2120 MONTANA\FIGURES\VICINITY.A1

SOURCE: TOPOI MAPS



Allent
FIGURE
1

Shell-branded Service Station
 2120 Montana Street
 Oakland, California



**CONESTOGA-ROVERS
 & ASSOCIATES**

Vicinity Map



EXPLANATION

- SV-F Proposed soil vapor probe location
 - EW-1 Extraction well location
 - MW-1 Well used for groundwater extraction
 - MW-2 Monitoring well location
 - TBW-N Tank backfill well location
 - INF GWE system sampling location
 - Remediation piping (R)
 - Discharge line (D)
 - Electrical and overhead electric line (E, OE)
 - Sanitary sewer (SS)
 - Water line (W)
 - Telecommunications line (T)
 - Product dispenser number
 - Groundwater flow direction and gradient
 - XX.XX Groundwater elevation contour, in feet above mean sea level (msl)
- | Well | ELEV | Benzene | MTBE |
|-------|--------|---------|------|
| MW-1 | 147.21 | 11 | 150 |
| EW-1 | 146.54 | 83 | 340 |
| MW-2 | 145.90 | 130 | 130 |
| MW-3 | 148.99 | ND | ND |
| MW-4 | 146.36 | 1.6 | 13 |
| MW-5 | 145.98 | 33 | 6.9 |
| TBW-N | 149.26 | ND | 4.1 |
- Notes:
ND = Not detected

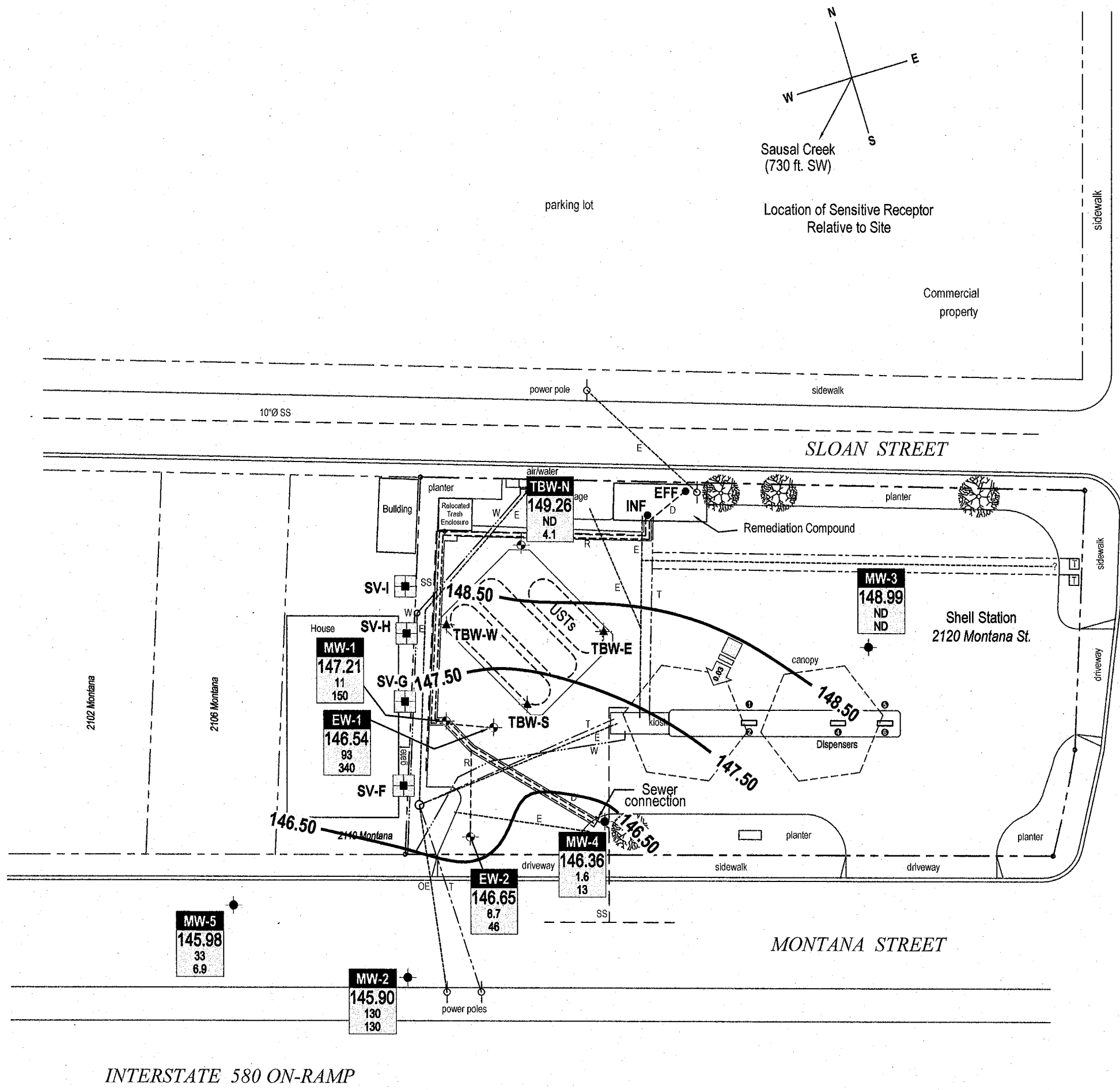
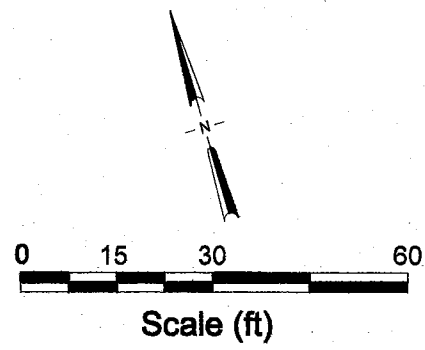


FIGURE 2



J:\SHELL\OAK AND 2120 MONTANA\FIGURES\200808.DWG

Attachment A

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

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

June 18, 2008

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

Second Quarter 2008 Groundwater Monitoring at
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Monitoring performed on May 29, 2008

Groundwater Monitoring Report 080529-IW-1

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. Purgewater (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/tm

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

cc: Peter Schaefer
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|---------|------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|---------------------------|
| MW-1 | 03/19/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 12.14 | 147.45 | ND |
| MW-1 | 03/23/2001 | 16,600 | 753 | 1,720 | 407 | 2,330 | NA | 27,500 | NA | NA | NA | NA | 159.59 | 12.25 | 147.34 | ND |
| MW-1 | 05/31/2001 | <20,000 d | 1,000 d | 920 d | 490 d | 2,000 d | NA | 54,000 d | NA | NA | NA | NA | 161.13 | 12.22 | 148.91 | ND |
| MW-1 | 06/27/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 13.00b | NA | ND |
| MW-1 | 07/09/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 13.17 | 146.67 | 0.31 |
| MW-1 | 09/25/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 14.27 | 145.66 | 0.43 |
| MW-1 | 11/20/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 13.49 | 146.14 | 0.05 |
| MW-1 | 12/05/2001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 11.32 | 148.31 | 0.05 |
| MW-1 | 03/01/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 13.22 | 146.56 | 0.24 |
| MW-1 | 06/06/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 12.99 | 147.00 | 0.50 |
| MW-1 | 07/16/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.59 | 13.37 | 146.22 | ND |
| MW-1 | 09/06/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.57 | 13.30 | 146.70 | 0.54 |
| MW-1 | 12/12/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.57 | 13.78 | 146.61 | 1.03 |
| MW-1 | 03/31/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.57 | 11.21 | 148.38 | 0.03 |
| MW-1 | 06/30/2003 | 7,800 | <25 | 37 | <25 | 380 | NA | 2,000 | NA | NA | NA | NA | 159.57 | 12.20 | 147.37 | ND |
| MW-1 | 09/09/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.08 | 15.70 | 145.28 | 2.38 |
| MW-1 | 12/29/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.08 | 11.25 | 147.89 | 0.07 |
| MW-1 | 03/17/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.08 | 11.80 | 147.40 | 0.15 |
| MW-1 | 05/24/2004 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.08 | 12.42 | 146.71 | 0.06 |
| MW-1 | 09/17/2004 | 8,000 | 530 | 380 | 330 | 960 | NA | 1,100 | <20 | <20 | <20 | 4,100 | 159.08 | 15.95 | 143.13 | ND |
| MW-1 | 12/06/2004 | 2,800 | 150 | <5.0 | 120 | 120 | NA | 300 | NA | NA | NA | NA | 159.08 | 13.15 | 145.93 | ND |
| MW-1 | 03/02/2005 | 13,000 | 490 | 710 | 360 | 2,200 | NA | 5,000 | NA | NA | NA | NA | 159.08 | 12.14 | 146.94 | ND |
| MW-1 | 06/10/2005 | 5,600 | 210 | 120 | 120 | 910 | NA | 3,100 | NA | NA | NA | NA | 159.08 | NA | NA | <0.01 |
| MW-1 | 09/01/2005 | <1,300 | 73 | <13 | 30 | 42 | NA | 2,400 | <50 | <50 | <50 | 13,000 | 159.08 | 11.71 | 147.37 | ND |
| MW-1 | 11/16/2005 | 4,150 | 62.7 | 10.9 | 45.2 | 98.9 | NA | 845 | NA | NA | NA | NA | 159.08 | 11.71 | 147.37 | ND |
| MW-1 i | 03/03/2006 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | 0.790 | NA | NA | NA | <10.0 | 159.08 | 13.37 | 145.71 | ND |
| MW-1 | 05/12/2006 | 3,430 | 80.0 | 0.530 | 26.8 | 71.9 | NA | 154 | NA | NA | NA | 1,040 | 159.08 | 17.41 | 141.67 | ND |
| MW-1 | 09/05/2006 | 5,390 | 24.8 | 2.44 | 6.69 | 22.2 | NA | 106 | <0.500 | <0.500 | <0.500 | 4,860 | 159.08 | 12.12 | 146.96 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|-------------|-------------------|-------------------|-------------|----------------|----------------|----------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|---------------------------|
| MW-1 | 12/18/2006 | 6,800 | 120 | 28 | 110 | 840 | NA | 1,100 | NA | NA | NA | 5,400 | 159.08 | 10.74 | 148.34 | ND |
| MW-1 | 03/21/2007 | Well inaccessible | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.08 | NA | NA | ND |
| MW-1 | 06/14/2007 | 6,200 | 18 | <5.0 | 11 | 4.6 k | NA | 68 | NA | NA | NA | 1,800 | 159.08 | 19.82 | 139.26 | ND |
| MW-1 | 08/27/2007 | 2,700 l | 13 | <5.0 | 3.9 k | 5.6 k | NA | 54 | <10 | <10 | <10 | 1,200 | 159.08 | 12.20 | 146.88 | ND |
| MW-1 | 11/29/2007 | 2,600 l | 20 | 1.9 k | 8.3 | 29.4 | NA | 350 | NA | NA | NA | 4,100 | 159.08 | 11.68 | 147.40 | ND |
| MW-1 | 03/21/2008 | 4,600 | 42 | <5.0 | 120 | 94 | NA | 300 | NA | NA | NA | 3,200 | 159.08 | 11.59 | 147.49 | ND |
| MW-1 | 05/29/2008 | 1,800 | 11 | <5.0 | <5.0 | <5.0 | NA | 150 | NA | NA | NA | 3,900 | 159.08 | 11.87 | 147.21 | ND |

| | | | | | | | | | | | | | | | | |
|------|------------|-----------|-------|--------|--------|--------|----|----------|------|------|------|-------|--------|-------|--------|----|
| MW-2 | 03/19/3001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 158.03 | 11.60 | 146.43 | ND |
| MW-2 | 03/23/2001 | 4,450 | 280 | 41.0 | 62.1 | 63.0 | NA | 16,600 | NA | NA | NA | NA | 158.03 | 11.76 | 146.27 | ND |
| MW-2 | 05/31/2001 | <20,000 a | 820 a | <200 a | <200 a | <200 a | NA | 63,000 a | NA | NA | NA | NA | 158.03 | 11.40 | 146.63 | ND |
| MW-2 | 06/27/2001 | <50,000 | 610 | 4.0 | 13 | 9.2 | NA | 47,000 | NA | NA | NA | NA | 158.03 | 12.65 | 145.38 | ND |
| MW-2 | 09/25/2001 | <2,000 | 41 | <20 | <20 | <20 | NA | 6,400 | NA | NA | NA | NA | 158.03 | 12.89 | 145.14 | ND |
| MW-2 | 12/05/2001 | <2,000 | 74 | <20 | <20 | <20 | NA | 8,400 | NA | NA | NA | NA | 158.03 | 10.40 | 147.63 | ND |
| MW-2 | 03/01/2002 | <1,000 | <10 | <10 | <10 | <10 | NA | 2,900 | NA | NA | NA | NA | 158.03 | 11.52 | 146.51 | ND |
| MW-2 | 06/06/2002 | <5,000 | 210 | <50 | <50 | <50 | NA | 23,000 | NA | NA | NA | NA | 158.03 | 12.15 | 145.88 | ND |
| MW-2 | 07/16/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 158.03 | 12.25 | 145.78 | ND |
| MW-2 | 09/06/2002 | <2,000 | 56 | <20 | <20 | <20 | NA | 11,000 | NA | NA | NA | NA | 158.01 | 12.44 | 145.57 | ND |
| MW-2 | 12/12/2002 | <2,500 | 80 | <25 | <25 | <25 | NA | 13,000 | NA | NA | NA | NA | 158.01 | 12.53 | 145.48 | ND |
| MW-2 | 03/31/2003 | <5,000 | 230 | 1,200 | 95 | 150 | NA | 13,000 | NA | NA | NA | NA | 158.01 | 11.98 | 146.03 | ND |
| MW-2 | 06/30/2003 | <12,000 | 780 | <120 | 170 | 250 | NA | 9,000 | NA | NA | NA | NA | 158.01 | 12.10 | 145.91 | ND |
| MW-2 | 09/09/2003 | 140,000 | 4,600 | 40,000 | 4,800 | 32,000 | NA | 11,000 | NA | NA | NA | NA | 158.01 | 12.94 | 145.07 | ND |
| MW-2 | 12/29/2003 | 220,000 | 240 | 4,800 | 2,900 | 19,000 | NA | 1,000 | NA | NA | NA | NA | 158.01 | 11.20 | 146.81 | ND |
| MW-2 | 03/17/2004 | 25,000 | 170 | 390 | 280 | 1,400 | NA | 1,500 | NA | NA | NA | NA | 158.01 | 11.40 | 146.61 | ND |
| MW-2 | 05/24/2004 | 140,000 | <25 | 220 | 1,200 | 6,800 | NA | 320 | NA | NA | NA | NA | 158.01 | 12.28 | 145.73 | ND |
| MW-2 | 09/17/2004 | 64,000 | 2,900 | 230 | 2,300 | 9,700 | NA | 6,300 | <100 | <100 | <100 | 4,100 | 158.01 | 12.90 | 145.11 | ND |
| MW-2 | 12/06/2004 | 47,000 | 1,200 | 46 | 1,300 | 6,000 | NA | 3,900 | NA | NA | NA | NA | 158.01 | 13.02 | 144.99 | ND |
| MW-2 | 03/02/2005 | 85,000 | 1,600 | 81 | 1,900 | 6,900 | NA | 2,500 | NA | NA | NA | NA | 158.01 | 11.06 | 146.95 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|-------------|-------------------|-------------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|---------------------------|
| MW-2 | 06/10/2005 | 100,000 | 450 | <25 | 440 | 800 | NA | 300 | NA | NA | NA | NA | 158.01 | 11.71 | 146.30 | ND |
| MW-2 | 09/01/2005 | 140,000 g | 490 | <25 | 550 | 850 | NA | 110 | <100 | <100 | <100 | 1,900 | 158.01 | 12.11 | 145.90 | ND |
| MW-2 | 11/16/2005 | 473,000 h | 776 | 18.7 | 1,300 | 2,730 | NA | 374 | NA | NA | NA | NA | 158.01 | 12.15 | 145.86 | ND |
| MW-2 i | 03/03/2006 | 4,830 | 6.25 | 2.29 | 14.6 | 5.45 | NA | 106 | NA | NA | NA | 228 | 158.01 | 11.40 | 146.61 | ND |
| MW-2 | 05/12/2006 | 7,610 | 1,200 | 27.9 | 858 | 396 | NA | 688 | NA | NA | NA | 681 | 158.01 | 14.22 | 143.79 | ND |
| MW-2 | 09/05/2006 | 84,000 | 683 | 10.2 | 314 | 300 | NA | 96.7 | <0.500 | <0.500 | <0.500 | 1,250 | 158.01 | 12.20 | 145.81 | ND |
| MW-2 | 12/18/2006 | 19,000 | 230 | 6.2 | 130 | 64 | NA | 94 | NA | NA | NA | 1,600 | 158.01 | 11.03 | 146.98 | ND |
| MW-2 | 03/21/2007 | 30,000 | 380 | 31 | 460 | 290 | NA | 95 | NA | NA | NA | 1,700 | 158.01 | 11.75 | 146.26 | ND |
| MW-2 | 06/14/2007 | Well inaccessible | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 158.01 | NA | NA | ND |
| MW-2 | 08/27/2007 | 83,000 l | 220 | 8.7 k | 99 | 24.5k | NA | <10 | <20 | <20 | <20 | 980 | 158.01 | 12.54 | 145.47 | ND |
| MW-2 | 11/29/2007 | 23,000 l | 28 | <10 | 20 | <10 | NA | <10 | NA | NA | NA | 1,200 | 158.01 | 11.77 | 146.24 | ND |
| MW-2 | 03/21/2008 | Well inaccessible | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 158.01 | NA | NA | ND |
| MW-2 | 05/29/2008 | 14,000 | 130 | 14 | 78 | 6.8 | NA | 130 | NA | NA | NA | 1,000 | 158.01 | 12.11 | 145.90 | ND |
| MW-3 | 03/19/3001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 161.13 | 11.42 | 149.71 | ND |
| MW-3 | 03/23/2001 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | 1.26 | NA | NA | NA | NA | 161.13 | 11.42 | 149.71 | ND |
| MW-3 | 05/31/2001 | <50 e | <0.50 e | <0.50 e | <0.50 e | <0.50 e | NA | <5.0 e | NA | NA | NA | NA | 159.59 | 13.00 | 146.59 | ND |
| MW-3 | 06/27/2001 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | NA | NA | NA | NA | 161.13 | 12.32 | 148.81 | ND |
| MW-3 | 09/25/2001 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <0.50 | NA | NA | NA | NA | 161.13 | 12.50 | 148.63 | ND |
| MW-3 | 12/05/2001 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 161.13 | 10.13 | 151.00 | ND |
| MW-3 | 03/01/2002 | <50 | <0.50 | <0.50 | <0.50 | 0.73 | NA | <5.0 | NA | NA | NA | NA | 161.13 | 11.63 | 149.50 | ND |
| MW-3 | 06/06/2002 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 161.13 | 11.55 | 149.58 | ND |
| MW-3 | 07/16/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 161.13 | 11.72 | 149.41 | ND |
| MW-3 | 09/06/2002 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 161.11 | 12.24 | 148.87 | ND |
| MW-3 | 12/12/2002 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | NA | <5.0 | NA | NA | NA | NA | 161.11 | 12.18 | 148.93 | ND |
| MW-3 | 03/31/2003 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 0.78 | NA | NA | NA | NA | 161.11 | 11.94 | 149.17 | ND |
| MW-3 | 06/30/2003 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 161.11 | 12.50 | 148.61 | ND |
| MW-3 | 09/09/2003 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | <0.50 | NA | NA | NA | NA | 161.11 | 12.55 | 148.56 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|-------------|-------------------|----------------|-----------------|----------------|----------------|----------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|---------------------------|
| MW-3 | 12/29/2003 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 0.70 | NA | NA | NA | NA | 161.11 | 10.90 | 150.21 | ND |
| MW-3 | 03/17/2004 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 2.1 | NA | NA | NA | NA | 161.11 | 11.63 | 149.48 | ND |
| MW-3 | 05/24/2004 | <50 | <0.50 | <0.50 | <0.50 | 1.0 | NA | 0.96 | NA | NA | NA | NA | 161.11 | 11.32 | 149.79 | ND |
| MW-3 | 09/17/2004 | <50 | <0.50 | <0.50 | <0.50 | 1.0 | NA | 2.6 | <2.0 | <2.0 | <2.0 | <5.0 | 161.11 | 12.13 | 148.98 | ND |
| MW-3 | 12/06/2004 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 6.1 | NA | NA | NA | NA | 161.11 | 12.28 | 148.83 | ND |
| MW-3 | 03/02/2005 | <50 f | <0.50 | <0.50 | <0.50 | <1.0 | NA | 2.4 | NA | NA | NA | NA | 161.11 | 10.42 | 150.69 | ND |
| MW-3 | 06/10/2005 | <50 f | <0.50 | <0.50 | <0.50 | <1.0 | NA | 1.6 | NA | NA | NA | NA | 161.11 | 11.15 | 149.96 | ND |
| MW-3 | 09/01/2005 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 0.54 | <2.0 | <2.0 | <2.0 | <5.0 | 161.11 | 12.55 | 148.56 | ND |
| MW-3 | 11/16/2005 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | 0.570 | NA | NA | NA | NA | 161.11 | 12.04 | 149.07 | ND |
| MW-3 i | 03/03/2006 | 16,000 j | 191 | 107 j | 127 | 997 j | NA | 1090 j | NA | NA | NA | NA | 161.11 | 10.36 | 150.75 | ND |
| MW-3 | 05/12/2006 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | 1.45 | NA | NA | NA | NA | 161.11 | 12.24 | 148.87 | ND |
| MW-3 | 09/05/2006 | <50.0 | <0.500 | <0.500 | <0.500 | <0.500 | NA | 1.62 | <0.500 | <0.500 | <0.500 | <10.0 | 161.11 | 12.52 | 148.59 | ND |
| MW-3 | 12/18/2006 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 0.88 | NA | NA | NA | NA | 161.11 | 11.00 | 150.11 | ND |
| MW-3 | 03/21/2007 | <50 | <0.50 | <0.50 | <0.50 | <1.0 | NA | <1.0 | NA | NA | NA | NA | 161.11 | 12.10 | 149.01 | ND |
| MW-3 | 06/14/2007 | 100 | <0.50 | <1.0 | <1.0 | <1.0 | NA | 2.4 | NA | NA | NA | NA | 161.11 | 12.08 | 149.03 | ND |
| MW-3 | 08/27/2007 | <50 l | <0.50 | <1.0 | <1.0 | <1.0 | NA | 1.3 | <2.0 | <2.0 | <2.0 | <10 | 161.11 | 12.54 | 148.57 | ND |
| MW-3 | 11/29/2007 | <50 l | <0.50 | <1.0 | <1.0 | <1.0 | NA | 0.52 k | NA | NA | NA | NA | 161.11 | 12.09 | 149.02 | ND |
| MW-3 | 03/21/2008 | <50 | <0.50 | <1.0 | <1.0 | <1.0 | NA | <1.0 | NA | NA | NA | NA | 161.11 | 12.20 | 148.91 | ND |
| MW-3 | 05/29/2008 | <50 | <0.50 | <1.0 | <1.0 | <1.0 | NA | <1.0 | NA | NA | NA | NA | 161.11 | 12.12 | 148.99 | ND |
| MW-4 | 07/10/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NM | 13.19 | NA | ND |
| MW-4 | 07/16/2002 | 800 | 1.1 | 1.1 | 2.6 | 2.4 | NA | 450 | NA | NA | NA | NA | NM | 13.56 | NA | ND |
| MW-4 | 09/06/2002 | 1,100 | 3.0 | 1.8 | 8.0 | 4.6 | NA | 110 | NA | NA | NA | NA | 160.09 | 13.67 | 146.42 | ND |
| MW-4 | 12/12/2002 | 130 | <0.50 | <0.50 | <0.50 | <0.50 | NA | 940 | NA | NA | NA | NA | 160.09 | 14.06 | 146.03 | ND |
| MW-4 | 03/31/2003 | <250 | <2.5 | <2.5 | <2.5 | <5.0 | NA | 500 | NA | NA | NA | NA | 160.09 | 13.69 | 146.40 | ND |
| MW-4 | 06/30/2003 | 3,100 | 5.3 | <5.0 | 7.1 | <10 | NA | 420 | NA | NA | NA | NA | 160.09 | 14.12 | 145.97 | ND |
| MW-4 | 09/09/2003 | 1,400 | 2.4 | 2.0 | 2.6 | 3.2 | NA | 140 | NA | NA | NA | NA | 160.09 | 14.92 | 145.17 | ND |
| MW-4 | 12/29/2003 | 2,700 | 10 | 6.2 | 20 | 11 | NA | 420 | NA | NA | NA | NA | 160.09 | 12.71 | 147.38 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|-------------|-------------------|----------------|-------------|----------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|---------------------------|
| MW-4 | 03/17/2004 | 1,900 | 6.9 | 3.0 | 33 | 22 | NA | 290 | NA | NA | NA | NA | 160.09 | 13.24 | 146.85 | ND |
| MW-4 | 05/24/2004 | 1,800 | <2.5 | <2.5 | <2.5 | 11 | NA | 44 | NA | NA | NA | NA | 160.09 | 14.03 | 146.06 | ND |
| MW-4 | 09/17/2004 | 3,300 | 57 | 10 | 47 | 32 | NA | 310 | <10 | <10 | <10 | 700 | 160.09 | 13.58 | 146.51 | ND |
| MW-4 | 12/06/2004 | 4,700 | 9.4 | 3.8 | 34 | 12 | NA | 150 | NA | NA | NA | NA | 160.09 | 14.65 | 145.44 | ND |
| MW-4 | 03/02/2005 | <1,300 | <13 | <13 | <13 | <25 | NA | 150 | NA | NA | NA | NA | 160.09 | 12.67 | 147.42 | ND |
| MW-4 | 06/10/2005 | 2,600 | 4.1 | 1.9 | 25 | 5.6 | NA | 61 | NA | NA | NA | NA | 160.09 | 13.11 | 146.98 | ND |
| MW-4 | 09/01/2005 | 4,000 g | <13 | <13 | 22 | <25 | NA | 36 | <50 | <50 | <50 | <130 | 160.09 | 14.00 | 146.09 | ND |
| MW-4 | 11/16/2005 | 4,740 | 3.23 | 1.75 | 12.8 | 6.06 | NA | 12.2 | NA | NA | NA | NA | 160.09 | 13.87 | 146.22 | ND |
| MW-4 i | 03/03/2006 | 79,300 j | 649 j | 37.2 | 470 j | 326 | NA | 577 j | NA | NA | NA | NA | 160.09 | 12.80 | 147.29 | ND |
| MW-4 | 05/12/2006 | 2,750 | 8.03 | <0.500 | <0.500 | <0.500 | NA | 244 | NA | NA | NA | NA | 160.09 | 16.26 | 143.83 | ND |
| MW-4 | 09/05/2006 | 2,230 | 2.04 | 1.24 | <0.500 | 1.50 | NA | 95.9 | <0.500 | <0.500 | <0.500 | 239 | 160.09 | 13.92 | 146.17 | ND |
| MW-4 | 12/18/2006 | 1,400 | 4.3 | 1.7 | 7.3 | 2.8 | NA | 140 | NA | NA | NA | NA | 160.09 | 12.71 | 147.38 | ND |
| MW-4 | 03/21/2007 | 540 | 0.68 | 0.51 | 4.0 | <1.0 | NA | 140 | NA | NA | NA | NA | 160.09 | 13.35 | 146.74 | ND |
| MW-4 | 06/14/2007 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 160.09 | 19.02 | 141.07 | ND |
| MW-4 | 08/27/2007 | 880 l,m | 0.38 k | <1.0 | <1.0 | <1.0 | NA | 8.5 | <2.0 | <2.0 | <2.0 | 98 | 160.09 | 13.92 | 146.17 | ND |
| MW-4 | 11/29/2007 | 3,200 l | 1.9 | 1.2 | 1.9 | 2.55 k | NA | <1.0 | NA | NA | NA | NA | 160.09 | 13.50 | 146.59 | ND |
| MW-4 | 03/21/2008 | 350 | <0.50 | <1.0 | <1.0 | <1.0 | NA | 8.2 | NA | NA | NA | NA | 160.09 | 13.45 | 146.64 | ND |
| MW-4 | 05/29/2008 | 1,800 | 1.6 | <1.0 | 1.8 | 1.5 | NA | 13 | NA | NA | NA | NA | 160.09 | 13.73 | 146.36 | ND |

| | | | | | | | | | | | | | | | | |
|------|------------|-------|-----|------|-----|-----|----|-----|----|----|----|----|--------|-------|--------|----|
| MW-5 | 07/10/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NM | 12.22 | NA | ND |
| MW-5 | 07/16/2002 | 6,100 | 65 | 7.2 | 100 | 130 | NA | 410 | NA | NA | NA | NA | NM | 12.50 | NA | ND |
| MW-5 | 09/06/2002 | 5,900 | 100 | 8.1 | 41 | 32 | NA | 230 | NA | NA | NA | NA | 158.25 | 12.77 | 145.48 | ND |
| MW-5 | 12/12/2002 | 4,900 | 70 | 5.7 | 25 | 17 | NA | 280 | NA | NA | NA | NA | 158.25 | 12.71 | 145.54 | ND |
| MW-5 | 03/31/2003 | 6,400 | 61 | 4.9 | 23 | 13 | NA | 330 | NA | NA | NA | NA | 158.25 | 11.93 | 146.32 | ND |
| MW-5 | 06/30/2003 | 3,400 | 18 | <2.5 | 17 | 5.5 | NA | 47 | NA | NA | NA | NA | 158.25 | 11.97 | 146.28 | ND |
| MW-5 | 09/09/2003 | 6,800 | 46 | 23 | 39 | 42 | NA | 67 | NA | NA | NA | NA | 158.25 | 12.44 | 145.81 | ND |
| MW-5 | 12/29/2003 | 8,400 | 44 | 6.2 | 36 | 16 | NA | 60 | NA | NA | NA | NA | 158.25 | 11.38 | 146.87 | ND |
| MW-5 | 03/17/2004 | 7,100 | 120 | 22 | 42 | 27 | NA | 300 | NA | NA | NA | NA | 158.25 | 11.68 | 146.57 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|-------------|-------------------|----------------|-------------|-------------|----------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|---------------------------|
| MW-5 | 05/24/2004 | 6,100 | 72 | 17 | 34 | 23 | NA | 110 | NA | NA | NA | NA | 158.25 | 12.30 | 145.95 | ND |
| MW-5 | 09/17/2004 | 5,700 | 27 | 5.3 | 35 | <10 | NA | 28 | <20 | <20 | <20 | <50 | 158.25 | 12.15 | 146.10 | ND |
| MW-5 | 12/06/2004 | 4,500 | 11 | <5.0 | 22 | <10 | NA | 7.5 | NA | NA | NA | NA | 158.25 | 12.85 | 145.40 | ND |
| MW-5 | 03/02/2005 | 6,500 | 14 | <2.5 | 18 | <5.0 | NA | 6.0 | NA | NA | NA | NA | 158.25 | 10.83 | 147.42 | ND |
| MW-5 | 06/10/2005 | 5,300 | 19 | 2.4 | 17 | 4.3 | NA | 7.2 | NA | NA | NA | NA | 158.25 | 12.00 | 146.25 | ND |
| MW-5 | 09/01/2005 | 1,900 g | 5.3 | <2.5 | 6.9 | <5.0 | NA | <2.5 | <10 | <10 | <10 | <25 | 158.25 | 12.30 | 145.95 | ND |
| MW-5 | 11/16/2005 | 3,590 | 4.66 | 0.580 | 7.69 | 1.45 | NA | 1.13 | NA | NA | NA | NA | 158.25 | 12.58 | 145.67 | ND |
| MW-5 | 03/03/2006 | 5,760 | 7.08 | 0.960 | 8.46 | 2.18 | NA | 2.65 | NA | NA | NA | NA | 158.25 | 11.15 | 147.10 | ND |
| MW-5 | 05/12/2006 | 1,960 | 3.66 | <0.500 | 1.03 | <0.500 | NA | 1.45 | NA | NA | NA | NA | 158.25 | 12.55 | 145.70 | ND |
| MW-5 | 09/05/2006 | 3,730 | 4.23 | 0.780 | 3.19 | 0.790 | NA | 1.77 | <0.500 | <0.500 | <0.500 | 32.9 | 158.25 | 12.70 | 145.55 | ND |
| MW-5 | 12/18/2006 | 1,600 | 5.1 | 0.66 | 6.0 | 3.3 | NA | <0.50 | NA | NA | NA | NA | 158.25 | 11.40 | 146.85 | ND |
| MW-5 | 03/21/2007 | 210 | 1.7 | <0.50 | <0.50 | <1.0 | NA | <1.0 | NA | NA | NA | NA | 158.25 | 12.17 | 146.08 | ND |
| MW-5 | 06/14/2007 | 2,300 | 1.5 | <1.0 | 0.43 k | <1.0 | NA | <1.0 | NA | NA | NA | NA | 158.25 | 13.50 | 144.75 | ND |
| MW-5 | 08/27/2007 | 2,500 l,m | 3.2 | 0.41 k | 2.8 | 2.48 k | NA | <1.0 | <2.0 | <2.0 | <2.0 | 6.8 k | 158.25 | 12.55 | 145.70 | ND |
| MW-5 | 11/29/2007 | 2,300 l | 7.8 | 0.45 k | 0.75 k | 0.60 k | NA | <1.0 | NA | NA | NA | NA | 158.25 | 11.97 | 146.28 | ND |
| MW-5 | 03/21/2008 | 1,400 | 24 | 5.5 | 1.8 | 2.2 | NA | 6.6 | NA | NA | NA | NA | 158.25 | 11.70 | 146.55 | ND |
| MW-5 | 05/29/2008 | 1,400 | 33 | 2.9 | <1.0 | 3.2 | NA | 6.9 | NA | NA | NA | NA | 158.25 | 12.27 | 145.98 | ND |

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|-------|--------------|-------------------|-------|--------|-------|--------|----|--------|----|----|----|----|--------|-------|--------|----|
| TBW-N | 09/25/2001 c | 120,000 | 3,200 | 2,800 | 4,000 | 18,000 | NA | 31,000 | NA | NA | NA | NA | NM | 12.25 | NM | ND |
| TBW-N | 11/20/2001 | 72,000 | 2,200 | 3,600 | 2,600 | 14,000 | NA | 35,000 | NA | NA | NA | NA | NM | 12.13 | NM | ND |
| TBW-N | 12/05/2001 | 76,000 | 1,600 | 3,200 | 2,900 | 15,000 | NA | 30,000 | NA | NA | NA | NA | NM | 11.51 | NM | ND |
| TBW-N | 03/01/2002 | 91,000 | 1,200 | 4,200 | 2,800 | 14,000 | NA | 29,000 | NA | NA | NA | NA | NM | 11.88 | NM | ND |
| TBW-N | 06/06/2002 | 100,000 | 2,100 | 8,200 | 3,400 | 17,000 | NA | 18,000 | NA | NA | NA | NA | NM | 12.48 | NM | ND |
| TBW-N | 07/16/2002 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NM | 12.39 | NM | ND |
| TBW-N | 09/06/2002 | 69,000 | 870 | 4,800 | 2,300 | 11,000 | NA | 17,000 | NA | NA | NA | NA | 161.26 | 12.36 | 148.90 | ND |
| TBW-N | 12/12/2002 | Well inaccessible | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 161.26 | NA | NA | NA |
| TBW-N | 12/19/2002 | 110,000 | 1,900 | 13,000 | 3,100 | 18,000 | NA | 19,000 | NA | NA | NA | NA | 161.26 | 10.82 | 150.44 | ND |
| TBW-N | 03/31/2003 | 62,000 | 1,600 | 6,500 | 2,200 | 11,000 | NA | 11,000 | NA | NA | NA | NA | 161.26 | 10.63 | 150.63 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|--------------|-------------------|----------------|-----------------|----------------|----------------|----------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|---------------------------|
| TBW-N | 06/30/2003 | 260,000 | 7,700 | <120 | 5,800 | 40,000 | NA | 8,400 | NA | NA | NA | NA | 161.26 | 11.51 | 149.75 | ND |
| TBW-N | 09/09/2003 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 159.92 | 11.37 | 148.64 | 0.11 |
| TBW-N | 12/29/2003 | 130,000 | 840 | 8,200 | 2,400 | 18,000 | NA | 5,400 | NA | NA | NA | NA | 159.92 | 10.40 | 149.52 | ND |
| TBW-N | 03/17/2004 | 32,000 | 440 | 1,500 | 580 | 4,500 | NA | 3,700 | NA | NA | NA | NA | 159.92 | 10.49 | 149.44 | 0.01 |
| TBW-N | 05/24/2004 | 110,000 | 380 | 2,600 | 1,600 | 11,000 | NA | 3,100 | NA | NA | NA | NA | 159.92 | 10.72 | 149.20 | ND |
| TBW-N | 09/17/2004 | 25,000 | 120 | 490 | 570 | 3,900 | NA | 490 | <200 | <200 | <200 | 4,500 | 159.92 | 10.80 | 149.12 | ND |
| TBW-N | 12/06/2004 | 15,000 | 33 | 11 | 410 | 1,500 | NA | 200 | NA | NA | NA | NA | 159.92 | 11.00 | 148.92 | ND |
| TBW-N | 03/02/2005 | 7,900 | 15 | <10 | 120 | 610 | NA | 460 | NA | NA | NA | NA | 159.92 | 10.58 | 149.34 | ND |
| TBW-N | 06/10/2005 | 1,200 | <5.0 | <5.0 | 13 | 25 | NA | 93 | NA | NA | NA | NA | 159.92 | 10.68 | 149.24 | ND |
| TBW-N | 09/01/2005 | 3,500 g | <10 | <10 | 86 | 330 | NA | 47 | <40 | <40 | <40 | 1,700 | 159.92 | 11.05 | 148.87 | ND |
| TBW-N | 11/16/2005 | 8,830 | 1.53 | 1.59 | 86.6 | 404 | NA | 35.0 | NA | NA | NA | NA | 159.92 | 10.95 | 148.97 | ND |
| TBW-N | 03/03/2006 | 955 | <0.500 | <0.500 | 1.25 | <0.500 | NA | 70.4 | NA | NA | NA | 4,930 | 159.92 | 10.31 | 149.61 | ND |
| TBW-N | 05/12/2006 | 706 | <0.500 | <0.500 | 5.81 | <0.500 | NA | 14.5 | NA | NA | NA | 488 | 159.92 | 10.73 | 149.19 | ND |
| TBW-N | 09/05/2006 | 1,230 | <0.500 | <0.500 | 6.05 | 2.68 | NA | 15.3 | <0.500 | <0.500 | <0.500 | 265 | 159.92 | 11.46 | 148.46 | ND |
| TBW-N | 12/18/2006 | 290 | 0.68 | <0.50 | <0.50 | <1.0 | NA | 37 | NA | NA | NA | 3,400 | 159.92 | 10.12 | 149.80 | ND |
| TBW-N | 03/21/2007 | 300 | <0.50 | <0.50 | <0.50 | <1.0 | NA | 15 | NA | NA | NA | 820 | 159.92 | 10.67 | 149.25 | ND |
| TBW-N | 06/14/2007 | 530 | <0.50 | <1.0 | <1.0 | <1.0 | NA | 7.7 | NA | NA | NA | 240 | 159.92 | 11.22 | 148.70 | ND |
| TBW-N | 08/27/2007 | 100 l | 0.52 | <1.0 | <1.0 | <1.0 | NA | 18 | <2.0 | <2.0 | <2.0 | 40 | 159.92 | 11.44 | 148.48 | ND |
| TBW-N | 11/29/2007 | 130 l | 0.19 k | <1.0 | <1.0 | <1.0 | NA | 7.8 | NA | NA | NA | 490 | 159.92 | 10.58 | 149.34 | ND |
| TBW-N | 03/21/2008 | 56 | <0.50 | <1.0 | <1.0 | <1.0 | NA | 9.3 | NA | NA | NA | 300 | 159.92 | 10.50 | 149.42 | ND |
| TBW-N | 05/29/2008 | <50 | <0.50 | <1.0 | <1.0 | <1.0 | NA | 4.1 | NA | NA | NA | 140 | 159.92 | 10.66 | 149.26 | ND |

| | | | | | | | | | | | | | | | | |
|------|------------|-------|------|------|------|------|----|-----|--------|--------|--------|-------|--------|-------|--------|----|
| EW-1 | 05/05/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 15.42 | NA | ND |
| EW-1 | 05/12/2006 | 5,550 | 52.9 | 30.2 | 86.9 | 249 | NA | 939 | <0.500 | <0.500 | <0.500 | 3,900 | NA | 17.33 | NA | ND |
| EW-1 | 09/05/2006 | 2,700 | 28.3 | 1.64 | 11.8 | 7.98 | NA | 325 | <0.500 | <0.500 | <0.500 | 1,900 | 158.63 | 12.44 | 146.19 | ND |
| EW-1 | 12/18/2006 | 4,900 | 140 | 63 | 170 | 790 | NA | 640 | NA | NA | NA | NA | 158.63 | 11.00 | 147.63 | ND |
| EW-1 | 03/21/2007 | 1,000 | 32 | <2.5 | 14 | 48 | NA | 420 | NA | NA | NA | NA | 158.63 | 14.61 | 144.02 | ND |
| EW-1 | 06/14/2007 | 2,100 | 14 | 1.1 | 5.0 | 9.3 | NA | 46 | NA | NA | NA | NA | 158.63 | 21.00 | 137.63 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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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) | SPH Thickness (ft.) |
|-------------|-------------------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|---------------|----------------------------|--------------------------|---------------------------|
| EW-1 | 08/27/2007 | 971 | <0.50 | <1.0 | <1.0 | 0.19 k | NA | 3.6 | <2.0 | <2.0 | <2.0 | 32 | 158.63 | 12.80 | 145.83 | ND |
| EW-1 | 11/29/2007 | 7,600 l | 110 | 36 | 190 | 1,390 | NA | 470 | NA | NA | NA | NA | 158.63 | 11.87 | 146.76 | ND |
| EW-1 | 03/21/2008 | 7,300 | 160 | 14 | 400 | 630 | NA | 640 | NA | NA | NA | NA | 158.63 | 12.10 | 146.53 | ND |
| EW-1 | 05/29/2008 | 3,600 | 93 | 6.0 | 190 | 124 | NA | 340 | NA | NA | NA | NA | 158.63 | 12.09 | 146.54 | ND |
| EW-2 | 05/05/2006 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16.83 | NA | ND |
| EW-2 | 05/12/2006 | 11,400 | 377 | 135 | 335 | 313 | NA | 401 | <0.500 | <0.500 | <0.500 | 1,220 | NA | 15.91 | NA | ND |
| EW-2 | 09/05/2006 | 1,810 | 41.1 | 4.52 | 17.2 | 74.0 | NA | 87.8 | <0.500 | <0.500 | <0.500 | 606 | 157.51 | 11.21 | 146.30 | ND |
| EW-2 | 12/18/2006 | 3,200 | 75 | 33 | 90 | 470 | NA | 130 | NA | NA | NA | NA | 157.51 | 9.93 | 147.58 | ND |
| EW-2 | 03/21/2007 | 61 | <0.50 | <0.50 | <0.50 | 1.5 | NA | 18 | NA | NA | NA | NA | 157.51 | 10.55 | 146.96 | ND |
| EW-2 | 06/14/2007 | 570 | 3.8 | <1.0 | <1.0 | <1.0 | NA | 10 | NA | NA | NA | NA | 157.51 | 12.82 | 144.69 | ND |
| EW-2 | 08/27/2007 | 320 l | 2.6 | 0.36 k | 1.4 | 6.31 k | NA | 10 | <2.0 | <2.0 | <2.0 | 230 | 157.51 | 10.34 | 147.17 | ND |
| EW-2 | 11/29/2007 | 72 l | 0.83 | 0.53 k | 0.49 k | 1.41 k | NA | 12 | NA | NA | NA | NA | 157.51 | 10.80 | 146.71 | ND |
| EW-2 | 03/21/2008 | 250 | 3.5 | <1.0 | 2.7 | 15.3 | NA | 62 | NA | NA | NA | NA | 157.51 | 10.80 | 146.71 | ND |
| EW-2 | 05/29/2008 | 280 | 8.7 | 1.5 | 7.8 | 29.3 | NA | 46 | NA | NA | NA | NA | 157.51 | 10.86 | 146.65 | ND |

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|---------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|---------------------------|

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 31, 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

GW = Groundwater

TBW-N = tank backfill well-North

NA = Not analyzed

ND = Not detected

NM = Not measured

ug/L = parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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) | SPH Thickness (ft.) |
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|---------------------------|
|---------|------|----------------|-------------|-------------|-------------|-------------|------------------------|------------------------|----------------|----------------|----------------|---------------|--------------|----------------------------|--------------------------|---------------------------|

Notes:

a = Resampled on June 27, 2001 due to possible mislabeling.

b = Separate phase hydrocarbons encountered during purge; groundwater elevation may not be accurate.

c = Sample TBW-N was analyzed once within hold time, but the analyte concentrations all exceeded the instrument working ranges. The sample was diluted and re-analyzed out of hold time. The diluted analysis is reported because it more accurately reflects the concentrations present.

d = These results are listed as MW-3 on analytical report due to possible mislabeling in field or laboratory. Resampled on June 27, 2001, to confirm mislabeling.

e = These results are listed as MW-1 on analytical report due to possible mislabeling in field or laboratory. Resampled on June 27, 2001, to confirm mislabeling.

f = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

g = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

h = Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

i = Several of the results were above the instrument calibration range and should be considered estimated values. The results from the different VOA vials were not consistent; therefore the highest results were reported.

j = Concentration exceeds the calibration range and therefore result is semi-quantitative.

k = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

l = Analyzed by EPA Method 8015B (M).

m = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based on Survey data provided by Cambria Environmental Technology, May 2001.

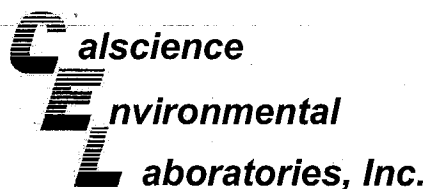
Site surveyed February 12, 2002 and June 26, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-1 and TBW-N surveyed September 23, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

When separate phase hydrocarbons are present, ground water elevation is adjusted using the relation:

Corrected groundwater elevation = Top-of-casing elevation - Depth to water + (0.8 x Hydrocarbon thickness).

Wells EW-1 and EW-2 surveyed July 7, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.



June 12, 2008

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

Subject: **Calscience Work Order No.: 08-05-2742**
Client Reference: **2120 Montana St., Oakland, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/31/2008 and analyzed in accordance with the attached chain-of-custody.

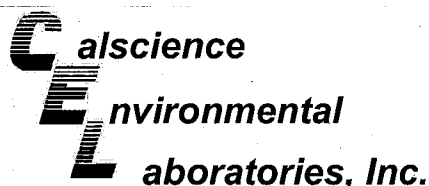
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows 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".

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager



Analytical Report



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

Date Received: 05/31/08
Work Order No: 08-05-2742
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 1 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-3 | 08-05-2742-3-A | 05/29/08 11:23 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 19:13 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | ND | 50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| 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 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 98 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 95 | 70-130 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-4 | 08-05-2742-4-A | 05/29/08 13:36 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 16:16 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | 1800 | 50 | 1 | | p/m-Xylene | 1.5 | 1.0 | 1 | |
| Benzene | 1.6 | 0.50 | 1 | | o-Xylene | ND | 1.0 | 1 | |
| Ethylbenzene | 1.8 | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 13 | 1.0 | 1 | |
| Toluene | ND | 1.0 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 98 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 90 | 70-130 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-5 | 08-05-2742-5-A | 05/29/08 10:53 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 19:42 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | 1400 | 50 | 1 | | p/m-Xylene | 3.2 | 1.0 | 1 | |
| Benzene | 33 | 0.50 | 1 | | o-Xylene | ND | 1.0 | 1 | |
| Ethylbenzene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 6.9 | 1.0 | 1 | |
| Toluene | 2.9 | 1.0 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 97 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 94 | 70-130 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EW-1 | 08-05-2742-7-A | 05/29/08 14:00 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 20:40 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | 3600 | 250 | 5 | | p/m-Xylene | 62 | 5.0 | 5 | |
| Benzene | 93 | 2.5 | 5 | | o-Xylene | 62 | 5.0 | 5 | |
| Ethylbenzene | 190 | 5.0 | 5 | | Methyl-t-Butyl Ether (MTBE) | 340 | 5.0 | 5 | |
| Toluene | 6.0 | 5.0 | 5 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 100 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 94 | 70-130 | | |

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

Analytical Report



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

Date Received: 05/31/08
 Work Order No: 08-05-2742
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 2 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EW-2 | 08-05-2742-8-A | 05/29/08 11:52 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 21:09 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | 280 | 50 | 1 | | p/m-Xylene | 24 | 1.0 | 1 | |
| Benzene | 8.7 | 0.50 | 1 | | o-Xylene | 5.3 | 1.0 | 1 | |
| Ethylbenzene | 7.8 | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 46 | 1.0 | 1 | |
| Toluene | 1.5 | 1.0 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 97 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 95 | 70-130 | | |

| Method Blank | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|--------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-12-715-444 | N/A | Aqueous | GC/MS T | 06/11/08 | 06/11/08 15:47 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | ND | 50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| 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 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 96 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 94 | 70-130 | | |

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

Analytical Report


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

Date Received: 05/31/08
 Work Order No: 08-05-2742
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 1 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-1 | 08-05-2742-1-A | 05/29/08 13:10 | Aqueous | GC/MS WW | 06/10/08 | 06/11/08 09:41 | 080610L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | 1800 | 250 | 5 | | p/m-Xylene | ND | 5.0 | 5 | |
| Benzene | 11 | 2.5 | 5 | | o-Xylene | ND | 5.0 | 5 | |
| Ethylbenzene | ND | 5.0 | 5 | | Methyl-t-Butyl Ether (MTBE) | 150 | 5.0 | 5 | |
| Toluene | ND | 5.0 | 5 | | Tert-Butyl Alcohol (TBA) | 3900 | 50 | 5 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 101 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 100 | 70-130 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-2 | 08-05-2742-2-A | 05/29/08 10:24 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 21:38 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | 14000 | 250 | 5 | | p/m-Xylene | 6.8 | 5.0 | 5 | |
| Benzene | 130 | 2.5 | 5 | | o-Xylene | ND | 5.0 | 5 | |
| Ethylbenzene | 78 | 5.0 | 5 | | Methyl-t-Butyl Ether (MTBE) | 130 | 5.0 | 5 | |
| Toluene | 14 | 5.0 | 5 | | Tert-Butyl Alcohol (TBA) | 1000 | 50 | 5 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 97 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 86 | 70-130 | | |

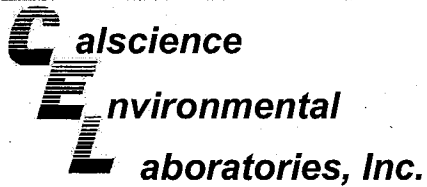
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| TBW-N | 08-05-2742-6-A | 05/29/08 12:35 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 20:11 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | ND | 50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| Benzene | ND | 0.50 | 1 | | o-Xylene | ND | 1.0 | 1 | |
| Ethylbenzene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 4.1 | 1.0 | 1 | |
| Toluene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | 140 | 10 | 1 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 98 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 95 | 70-130 | | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-12-715-443 | N/A | Aqueous | GC/MS WW | 06/10/08 | 06/11/08 04:32 | 080610L02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | ND | 50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| 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 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 102 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 102 | 70-130 | | |

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



Analytical Report



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

Date Received: 05/31/08
Work Order No: 08-05-2742
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

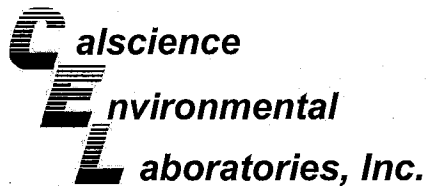
Project: 2120 Montana St., Oakland, CA

Page 2 of 2

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-12-715-444 | N/A | Aqueous | GC/MS T | 06/11/08 | 06/11/08 15:47 | 080611L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|------------------------|---------|----------------|----|------|-----------------------------|---------|----------------|----|------|
| TPPH | ND | 50 | 1 | | p/m-Xylene | ND | 1.0 | 1 | |
| 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 | |
| Surrogates: | REC (%) | Control Limits | | Qual | Surrogates: | REC (%) | Control Limits | | Qual |
| 1,4-Bromofluorobenzene | 96 | 70-130 | | | 1,4-Bromofluorobenzene-TPPH | 94 | 70-130 | | |

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

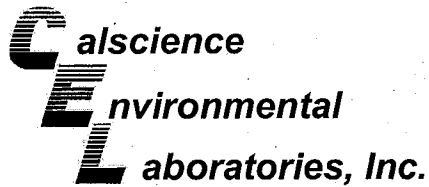
Date Received: 05/31/08
Work Order No: 08-05-2742
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

Project 2120 Montana St., Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| MW-4 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 | 080611S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|---------|----------|---------|-----|--------|------------|
| Benzene | 102 | 105 | 70-130 | 3 | 0-30 | |
| Ethylbenzene | 101 | 103 | 70-130 | 2 | 0-30 | |
| Toluene | 102 | 104 | 70-130 | 2 | 0-30 | |
| p/m-Xylene | 99 | 102 | 70-130 | 3 | 0-30 | |
| o-Xylene | 100 | 103 | 70-130 | 3 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | 97 | 99 | 70-130 | 2 | 0-30 | |
| Tert-Butyl Alcohol (TBA) | 101 | 103 | 70-130 | 2 | 0-30 | |
| Diisopropyl Ether (DIPE) | 97 | 99 | 70-130 | 2 | 0-30 | |
| Ethyl-t-Butyl Ether (ETBE) | 93 | 96 | 70-130 | 3 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 93 | 95 | 70-130 | 2 | 0-30 | |
| Ethanol | 109 | 107 | 70-130 | 1 | 0-30 | |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

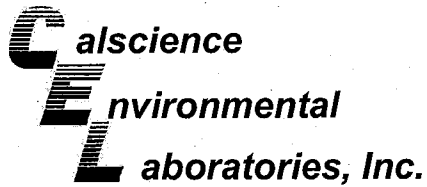
Date Received: 05/31/08
Work Order No: 08-05-2742
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

Project 2120 Montana St., Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 08-05-2746-4 | Aqueous | GC/MS WW | 06/10/08 | 06/11/08 | 080610S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|---------|----------|---------|-----|--------|------------|
| Benzene | 93 | 99 | 70-130 | 6 | 0-30 | |
| Ethylbenzene | 92 | 97 | 70-130 | 6 | 0-30 | |
| Toluene | 90 | 96 | 70-130 | 6 | 0-30 | |
| p/m-Xylene | 93 | 97 | 70-130 | 5 | 0-30 | |
| o-Xylene | 95 | 100 | 70-130 | 6 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | 119 | 130 | 70-130 | 9 | 0-30 | |
| Tert-Butyl Alcohol (TBA) | 103 | 120 | 70-130 | 15 | 0-30 | |
| Diisopropyl Ether (DIPE) | 115 | 124 | 70-130 | 7 | 0-30 | |
| Ethyl-t-Butyl Ether (ETBE) | 98 | 105 | 70-130 | 7 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 93 | 103 | 70-130 | 11 | 0-30 | |
| Ethanol | 108 | 125 | 70-130 | 15 | 0-30 | |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

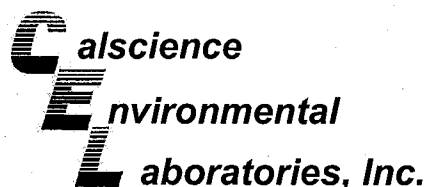
Date Received: N/A
Work Order No: 08-05-2742
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-715-444 | Aqueous | GC/MS T | 06/11/08 | 06/11/08 | 080611L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|----------|-----------|---------|-----|--------|------------|
| TPPH | 91 | 87 | 65-135 | 4 | 0-30 | |
| Benzene | 105 | 105 | 70-130 | 0 | 0-30 | |
| Ethylbenzene | 106 | 105 | 70-130 | 1 | 0-30 | |
| Toluene | 106 | 104 | 70-130 | 1 | 0-30 | |
| p/m-Xylene | 107 | 106 | 70-130 | 1 | 0-30 | |
| o-Xylene | 105 | 106 | 70-130 | 1 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | 103 | 102 | 70-130 | 1 | 0-30 | |
| Tert-Butyl Alcohol (TBA) | 99 | 97 | 70-130 | 1 | 0-30 | |
| Diisopropyl Ether (DIPE) | 101 | 100 | 70-130 | 2 | 0-30 | |
| Ethyl-t-Butyl Ether (ETBE) | 99 | 98 | 70-130 | 1 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 98 | 97 | 70-130 | 1 | 0-30 | |
| Ethanol | 109 | 96 | 70-130 | 13 | 0-30 | |

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: 08-05-2742
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-715-443 | Aqueous | GC/MS WW | 06/10/08 | 06/11/08 | 080610L02 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|----------|-----------|---------|-----|--------|------------|
| TPPH | 84 | 92 | 65-135 | 9 | 0-30 | |
| Benzene | 89 | 111 | 70-130 | 21 | 0-30 | |
| Ethylbenzene | 89 | 111 | 70-130 | 22 | 0-30 | |
| Toluene | 89 | 110 | 70-130 | 21 | 0-30 | |
| p/m-Xylene | 91 | 113 | 70-130 | 22 | 0-30 | |
| o-Xylene | 93 | 115 | 70-130 | 21 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | 113 | 144 | 70-130 | 24 | 0-30 | X |
| Tert-Butyl Alcohol (TBA) | 96 | 126 | 70-130 | 27 | 0-30 | |
| Diisopropyl Ether (DIPE) | 108 | 135 | 70-130 | 22 | 0-30 | X |
| Ethyl-t-Butyl Ether (ETBE) | 94 | 118 | 70-130 | 23 | 0-30 | |
| Tert-Amyl-Methyl Ether (TAME) | 90 | 114 | 70-130 | 23 | 0-30 | |
| Ethanol | 111 | 125 | 70-130 | 12 | 0-30 | |

RPD - Relative Percent Difference, CL - Control Limit



Work Order Number: 08-05-2742

| <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. |

LAB (LOCATION)

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



Shell Oil Products Chain Of Custody Record

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 4 0**

PO # _____ SAP # _____

CHECK IF NO INCIDENT # APPLIES

DATE: **5/29/08**

PAGE: **1** of **1**

SAMPLING COMPANY: **Bialne Tech Services** LOG CODE: **BTSS**

ADDRESS: **1680 Rogers Ave, San Jose, CA 95112**

PROJECT CONTACT (Hardcopy or PDF Report to): **Michael Ninokata**

TELEPHONE: **(408)573-0555** FAX: **(408)573-7771** E-MAIL: **mninokata@bialnetech.com**

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 : **Run TPH-d w/Silica Gel Clean Up**

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

SITE ADDRESS: Street and City: **2120 Montana St., Oakland** State: **CA** GLOBAL ID NO: **T0600101805**

EDF DELIVERABLE TO (Name, Company, Office Location): **Annl Kremi, CRA, Emeryville** PHONE NO: **(510) 420-3335** E-MAIL: **Shelledf@craworld.com** CONSULTANT PROJECT NO: **080529-1W-1** BTS # _____

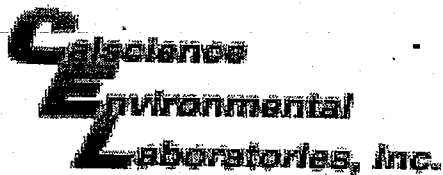
SAMPLER NAME(S) (Print): **IAN WILLIAMS** LAB USE ONLY: **05-272**

| LAB USE ONLY | Field Sample Identification | SAMPLING | | MATRIX | PRESERVATIVE | | | | | NO. OF CONT. | REQUESTED ANALYSIS | | | | | | | | | | | | TEMPERATURE ON RECEI. C° | Container PID Readings or Laboratory Notes | | | |
|--------------|-----------------------------|----------|------|--------|--------------|------|-------|------|-------|--------------|-------------------------|---------------------------|--------------|----------------------|--------------|-------------|--------------|--------------|--------------|-----------------|-------------|-----------------|--------------------------|--|------------------|--|--|
| | | DATE | TIME | | HCL | HN03 | 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 | MW-1 | | 5/29/08 | 1310 | W | X | | | | | | 3 | X | X | X | X | | | | | | | | | |
| 2 | MW-2 | | 1024 | | X | | | | | 3 | X | X | X | X | | | | | | | | | | | | | |
| 3 | MW-3 | | 1123 | | X | | | | | 3 | X | X | X | X | | | | | | | | | | | | | |
| 4 | MW-4 | | 1330 | | X | | | | | 3 | X | X | X | X | | | | | | | | | | | | | |
| 5 | MW-5 | | 1053 | | X | | | | | 3 | X | X | X | X | | | | | | | | | | | | | |
| 6 | TBW-N | | 1235 | | X | | | | | 3 | X | X | X | X | | | | | | | | | | | | | |
| 7 | EW-1 | | 1400 | | X | | | | | 3 | X | X | X | X | | | | | | | | | | | | | |
| 8 | EW-2 | | 1152 | | X | | | | | 3 | X | X | X | X | | | | | | | | | | | | | |

| | | | |
|--|--|----------------------|--------------------|
| Relinquished by: (Signature) <i>IAN WILLIAMS</i> | Received by: (Signature) <i>[Signature]</i> (SAMPLE CUSTODIAN) | Date: 5/29/08 | Time: 1629 |
| Relinquished by: (Signature) <i>[Signature]</i> (Sample Custodian) | Received by: (Signature) <i>Tom O'Malley CEZ</i> | Date: 5/30/08 | Time: 0950 |
| Relinquished by: (Signature) <i>[Signature]</i> to 6SD 5-30-08 1730 | Received by: (Signature) <i>[Signature]</i> | Date: 5/31/08 | Time: 19:04 |

Tracking# 509677871

05/2006 Revision



WORK ORDER #: 08 - 05 - 2742

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: BLAINE TECH

DATE: 5-31-08

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):

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

Initial: TD

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Present: /

Initial: TD

SAMPLE CONDITION:

Table with 3 columns: 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: TD

COMMENTS:

Blank lines for comments.

WELL GAUGING DATA

Project # 080529-1W-1 Date 5/29/08 Client SHELL

Site 2120 MONTANA STREET, OAKLAND

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or <u>TOC</u> | Notes | |
|---------|------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|---------------------------------|-----------------|--|
| MW-1 | 0906 | 2 | ODOR | NO SPH | FOUND | | 11.87 | 27.34 | ↓ | INTERFACE | |
| MW-2 | 1002 | 2 | | | | | 12.11 | 19.84 | | TR | |
| MW-3 | 0921 | 2 | | | | | 12.12 | 19.97 | | | |
| MW-4 | 0914 | 4 | | | | | 13.73 | 19.87 | | | |
| MW-5 | 1034 | 2 | | | | | 12.27 | 19.38 | | TR | |
| TBW-N | 0855 | 4 | ODOR | | | | 10.66 | 12.87 | | | |
| EW-1 | 0929 | 4 | | NO SPH | FOUND | | 12.09 | | | EXT. INTERFACE | |
| EW-2 | 0940 | 4 | | | | | 10.86 | 26.29 | | EXT. INTERFACE" | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: <u>080529-1W-1</u> | Site: <u>2120 MONTANA STREET, OAKLAND</u> |
| Sampler: <u>1W</u> | Date: <u>5/29/08</u> |
| Well I.D.: <u>MW-1</u> | Well Diameter: <u>(2)</u> 3 4 6 8 _____ |
| Total Well Depth (TD): <u>27.34</u> | Depth to Water (DTW): <u>11.87</u> |
| 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]: <u>14.96</u> | |

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: _____

INTERFACE USED - NO SPH FOUND

| | | | |
|----------------------|-------------------|---|-------------------|
| <u>2.5</u> (Gals.) X | <u>3</u> | = | <u>7.5</u> 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 <u>AS</u>) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|------|--------------------------|------------------|---------------|--------------|
| 1250 | 67.0 | 6.45 | 1192 | 90 | 2.5 | ODOR |
| 1255 | 70.0 | 6.46 | 1153 | 172 | 5.0 | " |
| 1300 | 70.2 | 6.48 | 1156 | 196 | 7.5 | " |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 7.5

Sampling Date: 5/29/08 Sampling Time: 1310 Depth to Water: 12.85

Sample I.D.: MW-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 #: <u>080529-1W-1</u> | Site: <u>2120 MONTANA STREET, OAKLAND</u> |
| Sampler: <u>1W</u> | Date: <u>5/29/08</u> |
| Well I.D.: <u>MW-2</u> | Well Diameter: <u>(2)</u> 3 4 6 8 _____ |
| Total Well Depth (TD): <u>19.84</u> | Depth to Water (DTW): <u>12.11</u> |
| 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]: <u>13.66</u> | |

| | | |
|---|---|--|
| Purge Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible | Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump Other: _____ | Sampling Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing Other: _____ |
|---|---|--|

| $\underline{1.3} \text{ (Gals.)} \times \underline{3} = \underline{3.9} \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume | <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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 |
|------|-----------|------|-----------------------|------------------|---------------|---------------------|
| 1012 | 63.7 | 6.81 | 938 | 501 | 1.3 | BLACK, STRONG ODOOR |
| 1015 | 63.5 | 6.47 | 983 | 300 | 2.6 | " |
| 1018 | 63.3 | 6.45 | 990 | 71000 | 3.9 | " |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 3.9

Sampling Date: 5/29/08 Sampling Time: 1024 Depth to Water: 1350

Sample I.D.: MW-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 #: 080529-1W-1 | Site: 2120 MONTANA STREET, OAKLAND |
| Sampler: 1W | Date: 5/29/08 |
| Well I.D.: MW-3 | Well Diameter: <u>2</u> 3 4 6 8 |
| Total Well Depth (TD): 19.97 | Depth to Water (DTW): 12.12 |
| 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]: 13.69 | |

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: _____

1.3 (Gals.) X 3 = 3.9 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 |
|------|-----------|------|------------------------------|------------------|---------------|--------------|
| 1107 | 65.8 | 6.77 | 611 | 479 | 1.3 | |
| 1100 | 66.5 | 6.61 | 608 | 626 | 2.6 | |
| 1113 | 66.6 | 6.60 | 607 | 825 | 3.9 | DTW=14.82 |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 3.9

Sampling Date: 5/29/08 Sampling Time: 1123 Depth to Water: ^{WAITED} 13.69

Sample I.D.: MW-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

SHELL WELL MONITORING DATA SHEET

| | |
|---|---|
| BTS #: <u>080529-1W-1</u> | Site: <u>2120 MONTANA STREET, OAKLAND</u> |
| Sampler: <u>1W</u> | Date: <u>5/29/08</u> |
| Well I.D.: <u>MW-4</u> | Well Diameter: 2 3 <u>4</u> 6 8 _____ |
| Total Well Depth (TD): <u>19.81</u> | Depth to Water (DTW): <u>13.73</u> |
| 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]: <u>14.95</u> | |

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

4.0

3.1^W (Gals.) X 3 = 12.0 Gals.
 1 Case Volume Specified Volumes Calculated Volume

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

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|-------------|------------------|------------------|---------------|--------------|
| 1321 | 68.7 | 6.71 | 693 | 53 | 4.0 | |
| 1322 | 68.5 | 6.46 | 698 | 20 | 8.0 | |
| 1323 | WELL | DEWATERED @ | | 10 gal | 10.0 | DTW = 16.76 |
| 1336 | 66.7 | 6.39 | 694 | 163 | GRAB | |

Did well dewater? Yes No Gallons actually evacuated: 10.0

Sampling Date: 5/29/08 Sampling Time: 1336 Depth to Water: 14.88

Sample I.D.: MW-4 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 #: <u>080529-1W-1</u> | Site: <u>2120 MONTANA STREET, OAKLAND</u> |
| Sampler: <u>1W</u> | Date: <u>5/29/08</u> |
| Well I.D.: <u>MW-5</u> | Well Diameter: <u>(2)</u> 3 4 6 8 _____ |
| Total Well Depth (TD): <u>19.38</u> | Depth to Water (DTW): <u>12.27</u> |
| 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]: <u>13.69</u> | |

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

| $\frac{1.2 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = \frac{3.6 \text{ Gals.}}{\text{Specified Volumes}} = \text{Calculated Volume}$ | <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 |
|------|-----------|------|-----------------------|------------------|---------------|--------------------|
| 1041 | 61.6 | 6.67 | 671 | >1000 | 1.2 | BLACK, STRONG ODOR |
| 1044 | 61.8 | 6.96 | 667 | >1000 | 2.4 | " |
| 1047 | 62.0 | 6.54 | 665 | >1000 | 3.6 | " |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 3.6

Sampling Date: 5/29/08 Sampling Time: 1053 Depth to Water: 13.78 TRAFFIC

Sample I.D.: MW-5 Laboratory: STL Other CAL SCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See 606

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 #: 080529-1W-1 | Site: 2120 MONTANA STREET, OAKLAND |
| Sampler: 1W | Date: 5/29/08 |
| Well I.D.: TBW-N | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth (TD): 12.87 | Depth to Water (DTW): 10.66 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | D.O. Meter (if req'd): YSI HACH |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.10 | |

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: _____

| | | |
|---------------|-------------------|-------------------|
| 1.4 (Gals.) X | 3 | = 4.2 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 μ S) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|-----------|-----------------------|------------------|---------------|--------------|
| 1210 | 70.9 | 6.64 | 1013 | 71000 | 1.4 | DARK, SILTY |
| 1212 | WELL | DEWATERED | @ 1.5 gal | | 1.5 | DTW = 11.89 |
| 1235 | 70.7 | 6.46 | 931 | 71000 | GRAB | |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 1.5

Sampling Date: 5/29/08 Sampling Time: 1235 Depth to Water: ^{WAITED} 11.10

Sample I.D.: TBW-N 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 #: 080529-1W-1 | Site: 2120 MONTANA STREET, OAKLAND |
| Sampler: 1W | Date: 5/29/08 |
| Well I.D.: EW-1 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth (TD): 29.78 | Depth to Water (DTW): 12.09 |
| 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]: 14.83 | |

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: _____

INTERFALE PROBE USED - NO SPIT FOUND

9.0 (Gals.) X 3 = 27.0 Gals.
 I Case Volume Specified Volumes Calculated Volume

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

| Time | Temp (°F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | Gals. Removed | Observations |
|------|-----------|------|--------------------------|------------------|---------------|--------------|
| 1352 | 66.0 | 6.57 | 949 | >1000 | 9.0 | STRONG ODOR |
| 1353 | 66.5 | 6.45 | 943 | 219 | 18.0 | " |
| 1355 | 66.8 | 6.45 | 937 | 168 | 27.0 | " DTW=14.98 |
| | | | | | | |
| | | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 27.0

Sampling Date: 5/29/08 Sampling Time: 1400 Depth to Water: 14.70

Sample I.D.: EW-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 |

