



RECEIVED

1:55 pm, Apr 11, 2008

Alameda County
Environmental Health

Denis L. Brown

Shell Oil Products US

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

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: Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
SAP Code 129449
Incident No. 97093397
ACHCSA Case No. RO#0145

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 10, 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**
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
SAP Code 129449
Incident No. 97093397
ACHCSA Case No: RO#0145

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 Ana Friel at (707) 268-3812.

Sincerely,

Conestoga-Rovers & Associates

Ana Friel, PG
Project Manager



cc: Denis Brown, Shell
Rodney & Janet Kwan, property owners
Scott Merillat, 664 27th Street, Oakland, 94612
Monique Oatis, 670 27th Street, Oakland, CA 94612
Jack Chang, 559 9th Avenue, San Francisco, California 94118-3716

Equal
Employment
Opportunity Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

Mr. Jerry Wickham
April 10, 2008

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2008

Site Address	<u>2703 Martin Luther King, Jr Way, Oakland</u>
Site Use	<u>Former Shell 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>0145</u>
Shell SAP Code	<u>129449</u>
Shell Incident No.	<u>97093397</u>
Date of Most Recent Agency Correspondence	<u>February 28, 2008</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.
3. CRA submitted a February 5, 2008 *Site Conceptual Model and Feasibility Study/Corrective Action Plan*, as requested in the December 5, 2007 Alameda County correspondence to Shell.
4. Shell received the Alameda County correspondence dated February 28, 2008, which requests submittal of a draft remedial action plan (RAP) by April 28, 2008, and a summary report for additional offsite investigation by May 8, 2008.

Current Quarter's Findings

Groundwater Flow Direction	<u>Variable</u>
Hydraulic Gradient	<u>0.04</u>
Depth to Water	<u>3.33 to 9.00 feet below top of well casing</u>



**CONESTOGA-ROVERS
& ASSOCIATES**

Mr. Jerry Wickham
April 10, 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.
2. On behalf of Shell, CRA will submit the requested draft RAP, and site investigation report.
3. The offsite vapor probes will be scheduled for sampling during the Second Quarter 2008, with a subsequent report to be submitted 30 days following the end of each quarter.

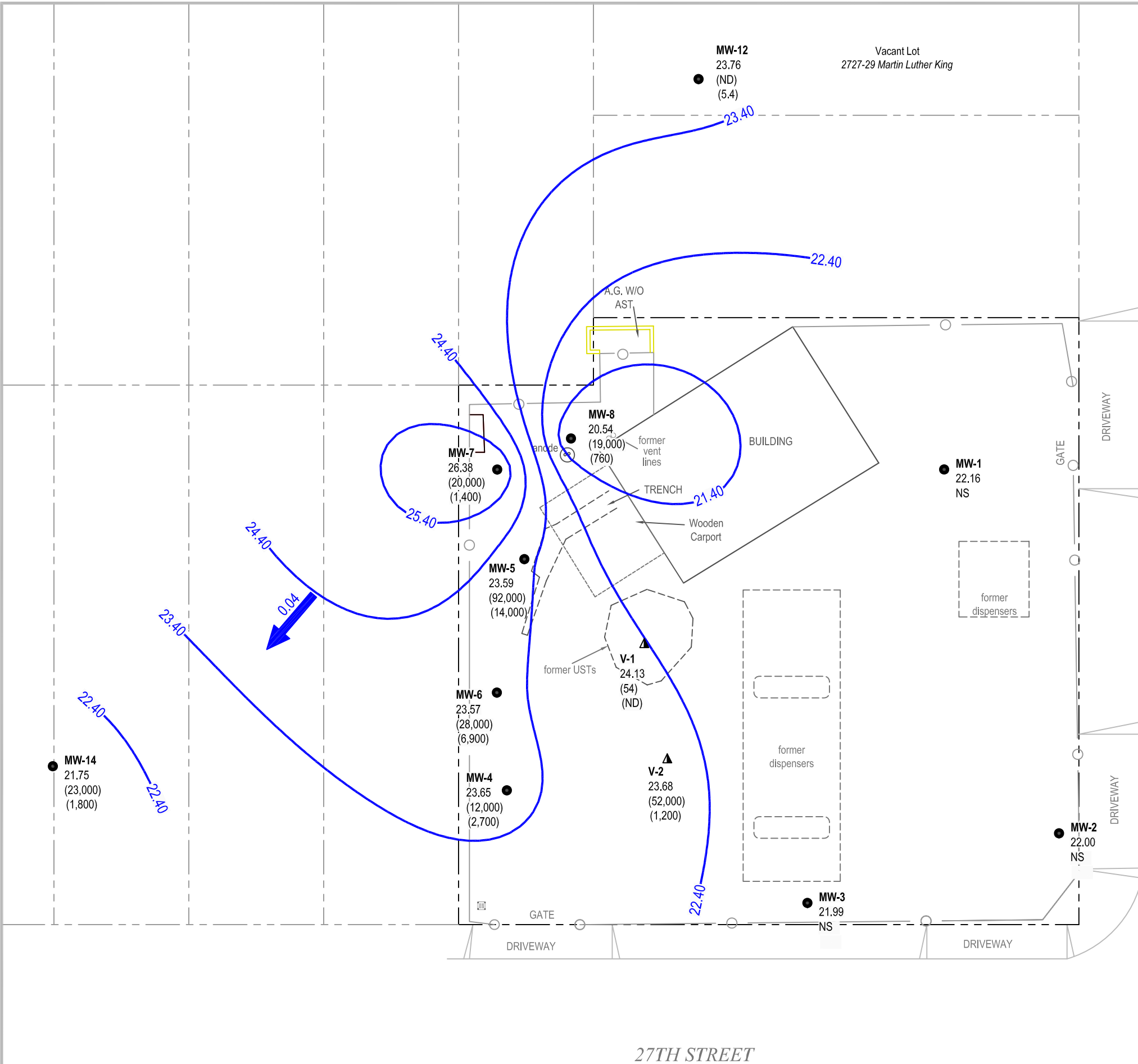
Figures: 1 - Vicinity Map
 2 - Groundwater Contour and Chemical Concentration Map

Attachments: 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.

II:\Sonoma.Shell\Oakland 2703 Martin Luther King Jr Way\QMRs\2008\1Q08\Text CRA 2703 MLK Oakland 1Q08.doc

I:\SONOMA-SHELL\OAKLAND 2703 MARTIN LUTHER KING JR WAY\CMRs\20081\0081\QM08.DWG



EXPLANATION

- MW-12** ● Monitoring well location (2/06)
- MW-6** ● Monitoring well location (1/06)
- MW-3** ● Monitoring well location (11/00)
- MW-1** ● Monitoring well location (7/96)
- V-1** ▲ Soil vapor well location (7/96) (not used for contouring)
- 0.02 Groundwater flow direction and gradient
- xx.xx Groundwater elevation contour, in feet above mean sea level (msl)
- 23.53 Groundwater elevation, in feet above msl
- (ND) TPHg concentration in µg/L
- (1,600) Benzene concentration in µg/L

Notes:
ND = Not detected
NS = Not sampled

MARTIN LUTHER KING JR. WAY

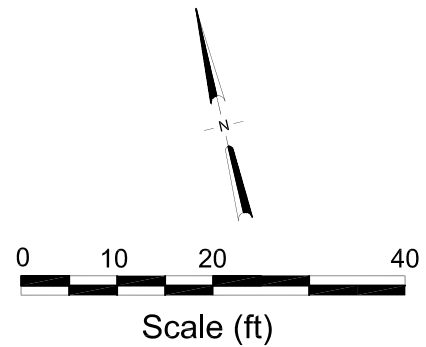
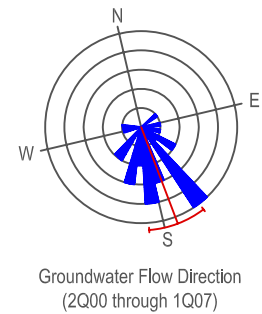


FIGURE 2

Basemap from Virgil Chavez Land Surveying and Alameda County Assessors Parcel Map

Attachment A

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

BLAINE

TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

March 13, 2008

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

First Quarter 2008 Groundwater Monitoring at
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, CA

Monitoring performed on February 20, 2008

Groundwater Monitoring Report **080220-KF-1**

This report covers the routine monitoring of groundwater wells at this former 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/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
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
MW-1 (B-11)	8/2/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.53	NA	NA	NA
MW-1 (B-11)	8/5/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	8.76	14.77	NA
MW-1 (B-11) (D)	8/5/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	NA	NA	NA
MW-1 (B-11)	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	9.88	13.65	NA
MW-1 (B-11)	1/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	6.82	16.71	NA
MW-1 (B-11)	4/7/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	7.89	15.64	NA
MW-1 (B-11)	7/2/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	8.71	14.82	NA
MW-1 (B-11)	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	9.26	14.27	NA
MW-1 (B-11)	1/9/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	7.94	15.59	NA
MW-1 (B-11)	4/2/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	7.21	16.32	NA
MW-1 (B-11)	7/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	7.78	15.75	NA
MW-1 (B-11)	10/1/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	8.39	15.14	NA
MW-1 (B-11)	1/18/1999	<50.0	<0.500	0.785	<0.500	<0.500	2.36	NA	NA	NA	NA	NA	23.53	8.28	15.25	NA
MW-1 (B-11)	4/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.53	8.41	15.12	NA
MW-1 (B-11)	8/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.53	8.17	15.36	NA
MW-1 (B-11)	10/6/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	23.53	9.37	14.16	NA
MW-1 (B-11)	1/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.53	7.52	16.01	NA
MW-1 (B-11)	4/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.53	7.66	15.87	NA
MW-1 (B-11)	7/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.53	7.81	15.72	NA
MW-1 (B-11)	10/24/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.53	8.33	15.20	NA
MW-1 (B-11)	1/4/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.53	8.33	15.20	NA
MW-1 (B-11)	5/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.53	7.83	15.70	NA
MW-1 (B-11)	7/9/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.53	8.60	14.93	NA
MW-1	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.53	9.01	14.52	0.2
MW-1	1/24/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.53	7.68	15.85	2.1
MW-1	4/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.53	7.38	16.15	1.1

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
MW-1	7/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.53	7.75	15.78	2.2
MW-1	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	29.53	8.10	21.43	1.6
MW-1	1/21/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	29.53	7.82	21.71	0.6
MW-1	4/17/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	29.53	7.76	21.77	1.7
MW-1	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	29.53	7.87	21.66	1.5
MW-1	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	29.53	8.67	20.86	0.8
MW-1	1/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	29.53	8.28	21.25	NA
MW-1	1/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	8.50	21.03	1.1
MW-1	4/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	7.98	21.55	NA
MW-1	7/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	8.30	21.23	NA
MW-1	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	8.27	21.26	NA
MW-1	1/13/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	6.92	22.61	NA
MW-1	4/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	7.18	22.35	NA
MW-1	8/1/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	7.43	22.10	NA
MW-1	10/5/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.53	7.55	21.98	NA
MW-1	1/11/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	5.35	24.19	NA
MW-1	5/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	29.54	6.81	22.73	0.78
MW-1	8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	7.77	21.77	NA
MW-1	11/8/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	8.39	21.15	NA
MW-1	2/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	7.11	22.43	NA
MW-1	5/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	7.20	22.34	NA
MW-1	8/27/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	7.86	21.68	NA
MW-1	11/8/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	7.89	21.65	NA
MW-1	2/20/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	7.38	22.16	NA
MW-2 (B-12)*	7/17/1996	<50	<0.50	0.69	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
MW-2 (B-12)*	8/5/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	8.35	14.12	NA
MW-2 (B-12)*	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	9.32	13.15	NA
MW-2 (B-12) (D)*	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	NA	NA	NA
MW-2 (B-12)*	1/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	6.80	15.67	NA
MW-2 (B-12) (D)*	1/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	NA	NA	NA
MW-2 (B-12)*	4/7/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	7.81	14.66	NA
MW-2 (B-12)*	7/2/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	8.27	14.20	NA
MW-2 (B-12)*	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	9.12	13.35	NA
MW-2 (B-12)*	1/9/1998	<50	<0.50	<0.50	<0.50	<0.50	6.3	NA	NA	NA	NA	NA	22.47	7.41	15.06	NA
MW-2 (B-12)*	4/2/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	6.59	15.88	NA
MW-2 (B-12)*	7/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	7.49	14.98	NA
MW-2 (B-12)*	10/1/1998	<50	<0.50	<0.50	<0.50	0.59	<2.5	NA	NA	NA	NA	NA	22.47	8.58	13.89	NA
MW-2 (B-12)*	1/18/1999	<50.0	<0.500	0.971	<0.500	<0.500	2.47	NA	NA	NA	NA	NA	22.47	8.68	13.79	NA
MW-2 (B-12)*	4/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.47	8.62	13.85	NA
MW-2 (B-12)*	8/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.47	7.43	15.04	NA
MW-2 (B-12)*	10/6/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	22.47	9.00	13.47	NA
MW-2 (B-12)*	1/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.47	8.15	14.32	NA
MW-2 (B-12)*	4/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.47	7.04	15.43	NA
MW-2 (B-12)*	7/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.47	7.13	15.34	NA
MW-2 (B-12)*	10/24/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.47	8.78	13.69	NA
MW-2 (B-12)*	1/4/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.47	8.33	14.14	NA
MW-2 (B-12)*	5/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.47	7.24	15.23	NA
MW-2 (B-12)*	7/9/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.47	8.55	13.92	NA
MW-2	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.47	9.42	13.05	NA
MW-2	1/24/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.47	7.23	15.24	NA
MW-2	4/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.47	6.90	15.57	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
MW-2	7/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.47	7.97	14.50	NA
MW-2	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	28.47	8.62	19.85	NA
MW-2	1/21/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	28.47	7.08	21.39	NA
MW-2	4/17/2003	<50	<0.50	<0.50	0.98	2.5	NA	<5.0	NA	NA	NA	NA	28.47	6.94	21.53	NA
MW-2	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	28.47	8.10	20.37	NA
MW-2	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	28.47	9.09	19.38	NA
MW-2	1/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	28.47	7.28	21.19	NA
MW-2	1/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	8.99	19.48	2.8
MW-2	4/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	6.88	21.59	NA
MW-2	7/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	8.28	20.19	NA
MW-2	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	8.43	20.04	NA
MW-2	1/13/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	6.52	21.95	NA
MW-2	4/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	6.38	22.09	NA
MW-2	8/1/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	7.73	20.74	NA
MW-2	10/5/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.47	8.47	20.00	NA
MW-2	1/11/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	6.30	22.18	NA
MW-2	5/26/2006	59.9	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	28.48	6.84	21.64	3.02
MW-2	8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	8.11	20.37	NA
MW-2	11/8/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	8.61	19.87	NA
MW-2	2/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	6.92	21.56	NA
MW-2	5/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	7.32	21.16	NA
MW-2	8/27/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	8.38	20.10	NA
MW-2	11/8/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	8.58	19.90	NA
MW-2	2/20/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.48	6.48	22.00	NA
MW-3	4/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.30	7.16	15.14	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
MW-3	5/3/2001	<100	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.30	7.28	15.02	NA
MW-3	7/9/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.30	8.45	13.85	NA
MW-3	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.30	9.44	12.86	NA
MW-3	1/24/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.30	5.88	16.42	NA
MW-3	4/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.30	6.68	15.62	NA
MW-3	7/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.30	7.63	14.67	NA
MW-3	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	28.30	8.56	19.74	NA
MW-3	1/21/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	28.30	6.95	21.35	NA
MW-3	4/17/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	28.30	6.77	21.53	NA
MW-3	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	28.30	7.92	20.38	NA
MW-3	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	28.30	9.12	19.18	NA
MW-3	1/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	28.30	7.21	21.09	NA
MW-3	1/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	9.00	19.30	0.6
MW-3	4/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	6.65	21.65	NA
MW-3	7/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	8.24	20.06	NA
MW-3	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	8.50	19.80	NA
MW-3	1/13/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	6.32	21.98	NA
MW-3	4/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	6.05	22.25	NA
MW-3	8/1/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	7.65	20.65	NA
MW-3	10/5/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	8.31	19.99	NA
MW-3	1/11/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	6.10	22.20	NA
MW-3	5/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	2.87	<0.500	<0.500	<10.0	28.30	6.72	21.58	1.46
MW-3	8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	8.12	20.18	NA
MW-3	11/8/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	8.71	19.59	NA
MW-3	2/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	6.78	21.52	NA
MW-3	5/29/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	7.20	21.10	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	------------------------

MW-3	8/27/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	8.18	20.12	NA
MW-3	11/8/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	8.41	19.89	NA
MW-3	2/20/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.30	6.31	21.99	NA

MW-4	4/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.51	7.05	15.46	NA
MW-4	5/3/2001	8,000	3,500	24	37	350	NA	<200	NA	NA	NA	NA	22.51	6.66	15.85	NA
MW-4	7/9/2001	16,000	4,100	32	890	790	NA	<200	NA	NA	NA	NA	22.51	8.28	14.23	NA
MW-4	10/18/2001	12,000	3,300	<20	430	220	NA	<200	NA	NA	NA	NA	22.51	9.40	13.11	NA
MW-4	1/24/2002	5,500	1,200	<5.0	280	240	NA	<50	NA	NA	NA	NA	22.51	5.73	16.78	NA
MW-4	4/4/2002	2,000	350	1.4	13	7.8	NA	<10	NA	NA	NA	NA	22.51	5.62	16.89	NA
MW-4	7/18/2002	3,400	440	1.3	200	98	NA	<5.0	NA	NA	NA	NA	22.51	6.94	15.57	NA
MW-4	10/21/2002	16,000	3,100	11	1,200	970	NA	<5.0	NA	NA	NA	NA	28.51	8.04	20.47	NA
MW-4	1/21/2003	3,600	720	3.9	110	58	NA	<25	NA	NA	NA	NA	28.51	6.10	22.41	NA
MW-4	4/17/2003	3,700	810	<5.0	140	17	NA	<50	NA	NA	NA	NA	28.51	5.97	22.54	NA
MW-4	7/22/2003	3,700	450	<2.5	110	7.9	NA	<2.5	NA	NA	NA	NA	28.51	6.37	22.14	NA
MW-4	10/20/2003	11,000 c	2,500	<20	550	95	NA	<20	NA	NA	NA	NA	28.51	8.99	19.52	NA
MW-4	1/13/2004	6,600	1,500	<10	41	37	NA	<10	NA	NA	NA	NA	28.51	6.67	21.84	NA
MW-4	1/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.51	8.80	19.71	0.3
MW-4	4/1/2004	9,500	2,100	12	170	30	NA	NA	NA	NA	NA	NA	28.51	6.28	22.23	0.1
MW-4	7/13/2004	12,000	3,600	39	160	58	NA	<25	<100	<100	<100	<250	28.51	8.20	20.31	0.1
MW-4	10/26/2004	11,000	2,800	<25	100	<50	NA	NA	NA	NA	NA	NA	28.51	8.00	20.51	0.6
MW-4	1/13/2005	12,000	2,200	14	110	43	NA	NA	NA	NA	NA	NA	28.51	6.03	22.48	0.1
MW-4	4/28/2005	8,600	2,300	27	200	49	NA	NA	NA	NA	NA	NA	28.51	5.93	22.58	3.71
MW-4	8/1/2005	11,000	3,900	57	180	47	NA	<10	<40	<40	<40	<100	28.51	6.20	22.31	NA d
MW-4	10/5/2005	9,400	3,300	45	88	33	NA	NA	NA	NA	NA	NA	28.51	8.22	20.29	2.76
MW-4	1/11/2006	3,900 f	1,700 f	14	95	78	NA	<0.50	7.4	<0.50	<0.50	32	28.51	4.25	24.26	0.6

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	------------------------

MW-4	5/26/2006	6,730	455	1.90	56.7	44.8	NA	<0.500	4.36	<0.500	<0.500	<10.0	28.51	5.90	22.61	0.54
MW-4	8/30/2006	29,600	2,740	30.0	448	237	NA	<0.500	<0.500	<0.500	<0.500	<10.0	28.51	7.98	20.53	0.44/0.46
MW-4	11/8/2006	6,300	1,500	13	130	67	NA	NA	NA	NA	NA	NA	28.51	8.52	19.99	0.05/0.22
MW-4	2/22/2007	11,000	2,200	18	620	310	NA	NA	NA	NA	NA	NA	28.51	5.63	22.88	2.96/2.98
MW-4	5/29/2007	14,000 i,j	3,200	27	640	249.0	NA	NA	NA	NA	NA	NA	28.51	6.60	21.91	0.19/0.11
MW-4	8/27/2007	12,000 i	1,900	19 k	250	80.9 k	NA	<25	<50	<50	<50	<250	28.51	8.50	20.01	0.85/1.71
MW-4	11/8/2007	6,400 i	1,400	11 k	70	37.9 k	NA	NA	NA	NA	NA	NA	28.51	8.21	20.30	1.09/2.63
MW-4	2/20/2008	12,000 i	2,700	<20	690	396	NA	NA	NA	NA	NA	NA	28.51	4.86	23.65	0.46/0.12

MW-5	4/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.54	7.36	16.18	NA
MW-5	5/3/2001	160,000	12,000	20,000	3,600	23,000	NA	<500	NA	NA	NA	NA	23.54	7.77	15.77	NA
MW-5	7/9/2001	130,000	11,000	19,000	4,500	22,000	NA	<500	NA	NA	NA	NA	23.54	9.32	14.22	NA
MW-5	10/18/2001	120,000	12,000	23,000	4,200	21,000	NA	<500	NA	NA	NA	NA	23.54	9.39	14.15	0.5
MW-5	1/24/2002	34,000	3,300	3,300	960	6,000	NA	<100	NA	NA	NA	NA	23.54	7.05	16.49	4.0
MW-5	4/4/2002	32,000	2,100	2,800	730	6,400	NA	<200	NA	NA	NA	NA	23.54	6.89	16.65	1.0
MW-5	7/18/2002	75,000	7,500	4,700	2,700	15,000	NA	<500	NA	NA	NA	NA	23.54	8.48	15.06	1.2
MW-5	10/21/2002	140,000	13,000	18,000	4,000	26,000	NA	<500	NA	NA	NA	NA	29.54	9.21	20.33	1.1
MW-5	1/21/2003	47,000	6,400	3,500	370	8,300	NA	<500	NA	NA	NA	NA	29.54	7.23	22.31	0.8
MW-5	4/17/2003	93,000	9,700	16,000	3,200	20,000	NA	<500	NA	NA	NA	NA	29.54	6.61	22.93	0.8
MW-5	7/22/2003	110,000	9,500	15,000	560	23,000	NA	<50	NA	NA	NA	NA	29.54	8.68	20.86	1.2
MW-5	10/20/2003	88,000	6,600	12,000	1,900	16,000	NA	<50	NA	NA	NA	NA	29.54	9.71	19.83	0.1
MW-5	1/13/2004	4,600	460	140	<10	930	NA	<10	NA	NA	NA	NA	29.54	7.30	22.24	NA
MW-5	1/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	9.51	20.03	0.3
MW-5	4/1/2004	70,000	7,900	11,000	2,100	17,000	NA	NA	NA	NA	NA	NA	29.54	6.80	22.74	0.1
MW-5	7/13/2004	66,000	5,900	10,000	1,900	16,000	NA	<50	<200	<200	<200	<500	29.54	9.28	20.26	0.1
MW-5	10/26/2004	6,600	670	110	7.4	2,000	NA	NA	NA	NA	NA	NA	29.54	8.75	20.79	0.8

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
MW-5	1/13/2005	9,500	1,300	950	360	1,900	NA	NA	NA	NA	NA	NA	29.54	5.87	23.67	6.3
MW-5	4/28/2005	17,000	2,400	1,200	320	3,400	NA	NA	NA	NA	NA	NA	29.54	6.32	23.22	3.54
MW-5	8/1/2005	70,000	6,600	11,000	3,400	17,000	NA	<50	<200	<200	<200	<500	29.54	8.27	21.27	NA d
MW-5	10/5/2005	93,000	8,600	15,000	4,500	23,000	NA	NA	NA	NA	NA	NA	29.54	9.12	20.42	1.43
MW-5	1/11/2006	12,000	1,900	550	2,400	3,800	NA	<25	<25	<25	<25	<250	29.61	5.52	24.09	0.6
MW-5	5/26/2006	112,000	6,600	11,100	3,870	19,900 g	NA	<0.500	5.37	<0.500	<0.500	<10.0	29.61	7.02	22.59	0.45
MW-5	8/30/2006	281,000	8,050	15,400	4,770	26,800	NA	<0.500	<0.500	<0.500	60.6	<10.0	29.61	8.93	20.68	0.55/0.51
MW-5	11/8/2006	83,000	7,000	7,400	3,200	16,000	NA	NA	NA	NA	NA	NA	29.61	9.40	20.21	0.08/0.05
MW-5	2/22/2007	35,000	9,500	13,000	5,300	23,000	NA	NA	NA	NA	NA	NA	29.61	6.87	22.74	1.17/3.17
MW-5	5/29/2007	94,000 i	6,400	9,900	4,300	22,000	NA	NA	NA	NA	NA	NA	29.61	7.85	21.76	0.08/0.19
MW-5	8/27/2007	110,000 i	6,900	11,000	4,300	22,000	NA	<100	<200	<200	<200	<1000	29.61	9.13	20.48	0.08/0.22
MW-5	11/8/2007	61,000 i	7,500	5,300	4,700	20,400	NA	NA	NA	NA	NA	NA	29.61	9.27	20.34	2.15/0.65
MW-5	2/20/2008	92,000 i	14,000	14,000	5,900	30,800	NA	NA	NA	NA	NA	NA	29.61	6.02	23.59	0.17/0.18
MW-6	1/9/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.60	4.18	24.42	NA
MW-6	1/11/2006	150,000	9,300	1,600	5,100	24,000	NA	<2.5 f	17 f	<2.5 f	<2.5 f	51 f	28.60	4.50	24.10	3.6
MW-6	5/26/2006	67,300	6,930	870	2,440	7,590 g	NA	<5.00	10.1	<5.00	<5.00	<100	28.60	6.10	22.50	0.49
MW-6	8/30/2006	7,060	6,090	1,180	2,040	7,200	NA	<0.500	<0.500	<0.500	<0.500	<10.0	28.60	8.05	20.55	0.39/0.56
MW-6	11/8/2006	8,200	1,900	200	350	890	NA	NA	NA	NA	NA	NA	28.60	8.53	20.07	0.12/0.95
MW-6	2/22/2007	49,000	7,300	2,300	3,600	9,500	NA	NA	NA	NA	NA	NA	28.60	5.94	22.66	1.54/2.03
MW-6	5/29/2007	30,000 i,j	4,100	1,000	1,600	4,900	NA	NA	NA	NA	NA	NA	28.60	6.87	21.73	0.11/0.51
MW-6	8/27/2007	36,000 i	2,000	440	1,000	3,400	NA	<25	15 k	<50	<50	<250	28.60	8.22	20.38	0.08/0.15
MW-6	11/8/2007	7,000 i	850	130	270	880	NA	NA	NA	NA	NA	NA	28.60	8.32	20.28	0.94/2.48
MW-6	2/20/2008	28,000 i	6,900	1,300	1,900	7,000	NA	NA	NA	NA	NA	NA	28.60	5.03	23.57	0.14/0.09
MW-7	1/9/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.71	5.50	24.21	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	------------------------

MW-7	1/11/2006	79,000	9,800	1,800	1,900	20,000	NA	<5.0 f	28 f	<5.0 f	<5.0 f	64 f	29.71	5.70	24.01	1.0
MW-7	5/26/2006	98,200	9,620	1,150	3,490	13,400 g	NA	<5.00	30.8	<5.00	<5.00	885	29.71	7.24	22.47	0.30
MW-7	8/30/2006	146,000	8,740	980	3,440	15,400	NA	<0.500	22.7	<0.500	<0.500	<10.0	29.71	9.03	20.68	0.51/0.46
MW-7	11/8/2006	61,000	6,600	880	2,800	12,000	NA	NA	NA	NA	NA	NA	29.71	9.49	20.22	0.02/0.13
MW-7	2/22/2007	50,000	3,400	910	2,200	13,000	NA	NA	NA	NA	NA	NA	29.71	7.00	22.71	0.96/2.57
MW-7	5/29/2007	26,000 i,j	2,700	320	850	3,590	NA	NA	NA	NA	NA	NA	29.71	8.01	21.70	0.09/0.15
MW-7	8/27/2007	37,000 i	3,300	240	1,300	4,060	NA	<25	20 k	<50	<50	<250	29.71	9.30	20.41	1.23/1.64
MW-7	11/8/2007	26,000 i	3,000	120	1,000	2,810	NA	NA	NA	NA	NA	NA	29.71	9.39	20.32	0.80/1.39
MW-7	2/20/2008	20,000 i	1,400	210	600	4,800	NA	NA	NA	NA	NA	NA	29.71	3.33	26.38	3.72/0.58

MW-8	1/9/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.54	5.56	23.98	NA
MW-8	1/11/2006	32,000	2,400	180	66	5,500	NA	<0.50 f	15 f	<0.50 f	<0.50 f	35 f	29.54	5.53	24.01	0.8
MW-8	5/26/2006	24,800	423	73.0	166	2,820 g	NA	<0.500	2.18	<0.500	<0.500	<10.0	29.54	7.02	22.52	0.35
MW-8	8/30/2006	72,100	1,770	114	324	3,140	NA	<0.500	23.3	<0.500	<0.500	<10.0	29.54	8.81	20.73	0.51/0.50
MW-8	11/8/2006	24,000	2,000	90	190	3,400	NA	NA	NA	NA	NA	NA	29.54	9.25	20.29	0.11/0.40
MW-8	2/22/2007	26,000	2,100	110	180	4,400	NA	NA	NA	NA	NA	NA	29.54	7.08	22.46	1.37/1.71
MW-8	5/29/2007	31,000 i	2,600	99	250	3,140	NA	NA	NA	NA	NA	NA	29.54	7.81	21.73	0.05/0.49
MW-8	8/27/2007	41,000 i	3,400	110	260	3,880	NA	<20	32 k	<40	<40	<200	29.54	9.04	20.50	0.07/0.27
MW-8	11/8/2007	42,000 i	4,900	140	440	4,000	NA	NA	NA	NA	NA	NA	29.54	9.14	20.40	3.20/0.10
MW-8	2/20/2008	19,000 i	760	38	52	1,930	NA	NA	NA	NA	NA	NA	29.54	9.00	20.54	1.72/0.13

MW-12	5/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.16	8.42	22.74	NA
MW-12	5/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	31.16	8.44	22.72	3.88
MW-12	8/30/2006	746	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	NA	NA	NA	31.16	9.54	21.62	1.75/1.81
MW-12	11/8/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	31.16	8.67	22.49	2.26/3.60
MW-12	2/22/2007	<50	<0.50	<1.0	<0.50	<1.0	NA	NA	NA	NA	NA	NA	31.16	7.72	23.44	1.60/2.91

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
MW-12	5/29/2007	<50 i	0.49 k	<1.0	0.14 k	0.48 k	NA	NA	NA	NA	NA	NA	31.16	9.00	22.16	0.60/0.61
MW-12	8/27/2007	<50 i	<0.50	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	31.16	9.90	21.26	0.47/0.24
MW-12	11/8/2007	<50 i	<0.50	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	31.16	9.90	21.26	3.8/3.1
MW-12	2/20/2008	<50 i	5.4	1.7	3.4	12.4	NA	NA	NA	NA	NA	NA	31.16	7.40	23.76	3.43/1.91
MW-14	5/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.09	6.95	21.14	NA
MW-14	5/26/2006	103,000	5,280	76.7	3,930	4,800 g	NA	<5.00	49.7	<5.00	<5.00	895	28.09	7.05	21.04	3.60
MW-14	8/30/2006	10,200	1,260	12.5	1,310	1,330	NA	<0.500	<0.500	<0.500	<0.500	<10.0	28.09	9.19	18.90	3.33/3.49
MW-14	11/8/2006	29,000	4,400 h	34	2,000	1,600	NA	NA	NA	NA	NA	NA	28.09	9.80	18.29	1.16/1.40
MW-14	2/22/2007	31,000	2,600	42	2,200	1,600	NA	NA	NA	NA	NA	NA	28.09	6.70	21.39	0.59/1.11
MW-14	5/29/2007	35,000 i	1,100	14	1,800	767	NA	NA	NA	NA	NA	NA	28.09	7.89	20.20	0.08/0.08
MW-14	8/27/2007	Unable to access well			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-14	8/29/2007	45,000 i	1,000	11	870	367.8 k	NA	<10	20	<20	<20	<100	28.09	9.25	18.84	0.09/0.16
MW-14	11/8/2007	32,000 i	1,600	22	1,500	889	NA	NA	NA	NA	NA	NA	28.09	9.21	18.88	0.04/0.35
MW-14	2/20/2008	23,000 i	1,800	32	1,600	1,021	NA	NA	NA	NA	NA	NA	28.09	6.34	21.75	0.09/0.08
B-10 *	7/17/1996	20,000	400	<100	<100	870	<500	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-13*	7/17/1996	290,000	34,000	21,000	9,900	47,000	<2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA
V-1	8/2/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	NA	NA	NA
V-1	8/5/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	8.58	14.68	NA
V-1	10/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	10.02	13.24	NA
V-1	1/16/1997	9,500	1,200	250	280	880	<50	NA	NA	NA	NA	NA	23.26	5.55	17.71	NA
V-1	4/7/1997	2,200	42	<5.0	130	15	<25	NA	NA	NA	NA	NA	23.26	7.40	15.86	NA
V-1	7/2/1997	2,600	340	5.8	49	12	74	<4.0	NA	NA	NA	NA	23.26	8.94	14.32	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
V-1	10/24/1997	57,000	5,200	2,300	3,600	16,000	1,900	<200	NA	NA	NA	NA	23.26	9.43	13.83	NA
V-1	1/9/1998	23,000	2,400	1,700	1,300	2,300	310	NA	NA	NA	NA	NA	23.26	6.81	16.45	NA
V-1 (D)	1/9/1998	24,000	2,500	1,800	1,400	2,400	450	NA	NA	NA	NA	NA	23.26	NA	NA	NA
V-1	4/2/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.26	4.58	18.68	NA
V-1 (D)	4/2/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.26	NA	NA	NA
V-1	7/14/1998	160	1.9	<0.50	4.2	<0.50	6.1	NA	NA	NA	NA	NA	23.26	7.51	15.75	NA
V-1	10/1/1998	440	18	<0.50	11	0.80	7.9	NA	NA	NA	NA	NA	23.26	8.49	14.77	NA
V-1	1/18/1999	697	55.7	0.839	28.2	<0.500	9.35	NA	NA	NA	NA	NA	23.26	8.59	14.67	NA
V-1	4/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	23.26	8.69	14.57	NA
V-1	8/23/1999	457	33.4	3.59	16.3	<0.500	13.9	NA	NA	NA	NA	NA	23.26	8.99	14.27	NA
V-1	10/6/1999	714	53.7	0.740	8.69	<0.500	9.83	NA	NA	NA	NA	NA	23.26	9.55	13.71	NA
V-1	1/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.26	7.19	16.07	NA
V-1	4/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	23.26	7.67	15.59	NA
V-1	7/19/2000	255	21.7	<0.500	10.2	<0.500	7.33	<1.00 a	NA	NA	NA	NA	23.26	7.53	15.73	NA
V-1	10/24/2000	200	4.05	0.566	<0.500	<0.500	7.82	NA	NA	NA	NA	NA	23.26	7.38	15.88	NA
V-1	1/4/2001	128	1.77	<0.500	<0.500	<0.500	6.40	<10.0 b	NA	NA	NA	NA	23.26	8.41	14.85	NA
V-1	5/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.26	7.20	16.06	NA
V-1	7/9/2001	110	4.4	<0.50	0.88	1.7	NA	<5.0	NA	NA	NA	NA	23.26	9.22	14.04	NA
V-1	10/18/2001	1,500	180	12	43	46	NA	<5.0	NA	NA	NA	NA	23.26	10.08	13.18	0.8
V-1	1/24/2002	210	7.1	15	4.6	32	NA	<5.0	NA	NA	NA	NA	23.26	6.44	16.82	3.5
V-1	4/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	23.26	6.18	17.08	1.0
V-1	7/18/2002	100	1.6	1.2	1.2	6.1	NA	<5.0	NA	NA	NA	NA	23.26	8.08	15.18	1.7
V-1	10/21/2002	210	1.4	<0.50	1.0	1.3	NA	<5.0	NA	NA	NA	NA	29.26	8.94	20.32	1.2
V-1	1/21/2003	61	5.2	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	29.26	6.62	22.64	0.6
V-1	4/17/2003	<50	<0.50	<0.50	<0.50	1.2	NA	<5.0	NA	NA	NA	NA	29.26	6.00	23.26	1.3
V-1	7/22/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	29.26	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
V-1	10/20/2003	540	11	1.6	6.0	8.9	NA	<0.50	NA	NA	NA	NA	29.26	9.53	19.73	0.1
V-1	1/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	29.26	6.62	22.64	NA
V-1	1/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.26	9.08	20.18	0.1
V-1	4/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	29.26	6.24	23.02	0.1
V-1	7/13/2004	120	1.8	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	29.26	8.78	20.48	0.1
V-1	10/26/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	29.26	8.09	21.17	0.6
V-1	1/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	29.26	4.30	24.96	0.1
V-1	4/28/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	29.26	5.27	23.99	3.34
V-1	8/1/2005	54	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	29.26	7.77	21.49	NA d
V-1	10/5/2005	120 e	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	29.26	8.72	20.54	1.67
V-1	1/11/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	29.24	4.78	24.46	0.3
V-1	5/26/2006	<50.0	<0.500	<0.500	<0.500	1.02 g	NA	<0.500	<0.500	<0.500	<0.500	<10.0	29.24	6.61	22.63	1.94
V-1	8/30/2006	5,660	6.81	1.39	27.3	21.0	NA	<0.500	<0.500	<0.500	<0.500	<10.0	29.24	8.46	20.78	0.33/0.33
V-1	11/8/2006	1,300	3.7	1.5	5.1	6.9	NA	NA	NA	NA	NA	NA	29.24	8.95	20.29	0.05/0.11
V-1	2/22/2007	<50	<0.50	<1.0	<0.50	<1.0	NA	NA	NA	NA	NA	NA	29.24	6.17	23.07	0.76/0.99
V-1	5/29/2007	650 i	0.64	<1.0	1.2	0.95 k	NA	NA	NA	NA	NA	NA	29.24	7.21	22.03	0.69/0.74
V-1	8/27/2007	510 i, j	0.24	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	29.24	8.78	20.46	0.12/0.57
V-1 **	11/8/2007	2,000 i	19	2.9	23	18.5	NA	NA	NA	NA	NA	NA	29.24	8.41	20.83	0.61/1.54
V-1	2/20/2008	54 i	<0.50	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	29.24	5.11	24.13	0.13/0.22

V-2	8/2/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	8/5/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.80	7.94	14.86	NA
V-2	10/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.80	9.30	13.50	NA
V-2	1/8/1997	69,000	4,800	2,800	2,700	13,000	750	NA	NA	NA	NA	NA	22.80	5.82	16.98	NA
V-2	4/7/1997	90,000	4,400	1,900	3,300	14,000	<500	NA	NA	NA	NA	NA	22.80	7.10	15.70	NA
V-2 (D)	4/7/1997	77,000	4,400	2,000	3,200	14,000	<250	NA	NA	NA	NA	NA	22.80	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
V-2	7/2/1997	82,000	5,500	2,700	3,500	16,000	530	<100	NA	NA	NA	NA	22.80	8.35	14.45	NA
V-2 (D)	7/2/1997	85,000	5,600	2,800	3,600	17,000	520	<100	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	10/24/1997	7,300	1,100	97	230	180	91	<12	NA	NA	NA	NA	22.80	10.03	12.77	NA
V-2 (D)	10/24/1997	12,000	1,700	340	650	630	120	<20	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	1/9/1998	40,000	4,100	1,500	2,500	9,000	280	NA	NA	NA	NA	NA	22.80	6.94	15.86	NA
V-2	4/2/1998	62,000	6,800	2,400	3,400	14,000	<250	NA	NA	NA	NA	NA	22.80	5.35	17.45	NA
V-2	7/14/1998	43,000	4,700	1,100	2,500	6,600	<250	NA	NA	NA	NA	NA	22.80	6.48	16.32	NA
V-2 (D)	7/14/1998	48,000	5,100	1,300	2,600	8,100	<250	NA	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	10/1/1998	53,000	5,200	1,800	3,200	10,000	83	NA	NA	NA	NA	NA	22.80	8.41	14.39	NA
V-2 (D)	10/1/1998	55,000	5,300	1,900	3,300	11,000	65	NA	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	1/18/1999	47,100	5,800	1,960	3,450	10,200	<100	NA	NA	NA	NA	NA	22.80	8.29	14.51	NA
V-2	4/29/1999	65,000	6,100	2,800	3,200	12,000	540	NA	NA	NA	NA	NA	22.80	8.19	14.61	NA
V-2	8/23/1999	59,600	6,240	2,190	3,900	14,700	390	NA	NA	NA	NA	NA	22.80	8.44	14.36	NA
V-2	10/6/1999	63,800	4,820	1,860	2,840	11,100	<1000	NA	NA	NA	NA	NA	22.80	8.96	13.84	NA
V-2	1/27/2000	59,600	10,200	2,840	3,450	12,100	<500	NA	NA	NA	NA	NA	22.80	7.57	15.23	NA
V-2	4/18/2000	45,000	6,050	2,700	3,340	12,200	<250	NA	NA	NA	NA	NA	22.80	8.14	14.66	NA
V-2	7/19/2000	31,800	4,440	1,270	2,390	6,820	<500	NA	NA	NA	NA	NA	22.80	8.21	14.59	NA
V-2	10/24/2000	40,100	4,810	1,730	2,960	8,650	734	<10.0	NA	NA	NA	NA	22.80	8.53	14.27	NA
V-2	1/4/2001	37,500	4,510	1,390	2,710	6,880	375	NA	NA	NA	NA	NA	22.80	8.03	14.77	NA
V-2	5/3/2001	51,000	4,000	1,900	2,800	8,200	NA	<200	NA	NA	NA	NA	22.80	6.63	16.17	NA
V-2	7/9/2001	9,600	710	190	180	1,400	NA	<25	NA	NA	NA	NA	22.80	8.75	14.05	NA
V-2	10/18/2001	20,000	2,000	540	560	6,000	NA	<50	NA	NA	NA	NA	22.80	9.60	13.20	0.4
V-2	1/24/2002	36,000	2,900	870	1,700	5,900	NA	<100	NA	NA	NA	NA	22.80	5.93	16.87	4.0
V-2	4/4/2002	49,000	3,900	1,500	2,900	9,300	NA	<200	NA	NA	NA	NA	22.80	5.78	17.02	0.9
V-2	7/18/2002	50,000	3,600	1,300	2,800	9,300	NA	<200	NA	NA	NA	NA	22.80	7.58	15.22	1.3
V-2	10/21/2002	86,000	6,000	1,900	4,200	20,000	NA	<250	NA	NA	NA	NA	28.80	8.40	20.40	1.3

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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)
V-2	1/21/2003	13,000	630	200	300	2,400	NA	<25	NA	NA	NA	NA	28.80	6.52	22.28	1.2
V-2	4/17/2003	26,000	2,000	570	750	6,000	NA	<100	NA	NA	NA	NA	28.80	5.93	22.87	1.1
V-2	7/22/2003	6,800	130	34	150	440	NA	<2.5	NA	NA	NA	NA	28.80	7.96	20.84	1.4
V-2	10/20/2003	14,000	660	160	260	2,400	NA	<10	NA	NA	NA	NA	28.80	9.21	19.59	0.7
V-2	1/13/2004	20,000	1,400	410	700	4,200	NA	<13	NA	NA	NA	NA	28.80	6.90	21.90	NA
V-2	1/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.80	8.50	20.30	0.1
V-2	4/1/2004	28,000	2,000	520	650	8,700	NA	NA	NA	NA	NA	NA	28.80	6.84	21.96	0.2
V-2	7/13/2004	21,000	1,900	460	1,000	4,300	NA	NA	NA	NA	NA	NA	28.80	8.28	20.52	0.1
V-2	10/26/2004	43,000	2,700	880	2,300	12,000	NA	NA	NA	NA	NA	NA	28.80	8.43	20.37	0.8
V-2	1/13/2005	23,000	1,400	330	1,800	5,800	NA	NA	NA	NA	NA	NA	28.80	6.67	22.13	0.6
V-2	4/28/2005	16,000	970	230	620	3,800	NA	NA	NA	NA	NA	NA	28.80	5.69	23.11	4.55
V-2	8/1/2005	14,000	610	190	450	3,600	NA	NA	NA	NA	NA	NA	28.80	5.25	23.55	NA d
V-2	10/5/2005	37,000	2,200	680	2,300	8,500	NA	NA	NA	NA	NA	NA	28.80	8.24	20.56	0.75
V-2	01/11/2006 f	45,000	1,900	720	3,000	13,000	NA	<25	<25	<25	<25	<250	28.81	6.60	22.21	0.4
V-2	5/26/2006	66,600	1,300	400	2,950	9,700 g	NA	<0.500	<0.500	<0.500	<0.500	<10.0	28.81	6.28	22.53	0.28
V-2	8/30/2006	7,290	2,390	750	4,680	17,000	NA	NA	NA	NA	NA	NA	28.81	8.03	20.78	0.37/0.31
V-2	11/8/2006	68,000	1,700	580	3,900	13,000	NA	NA	NA	NA	NA	NA	28.81	8.60	20.21	0.05/0.14
V-2	2/22/2007	57,000	1,300	600	4,000	15,000	NA	NA	NA	NA	NA	NA	28.81	5.88	22.93	1.23/2.50
V-2	5/29/2007	48,000 i,j	2,000	650	3,300	10,000	NA	NA	NA	NA	NA	NA	28.81	6.82	21.99	0.07/0.12
V-2	8/27/2007	55,000 i	1,600	520	2,900	8,000	NA	NA	NA	NA	NA	NA	28.81	8.22	20.59	0.22/0.48
V-2 **	11/8/2007	74,000 i	1,300	500	3,000	9,600	NA	NA	NA	NA	NA	NA	28.81	8.82	19.99	0.87/1.46
V-2	2/20/2008	52,000 i	1,200	560	3,200	12,400	NA	NA	NA	NA	NA	NA	28.81	5.13	23.68	0.16/0.05

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King Jr. Way
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 May 3, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 3, 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 reading

n/n = Pre-purge/Post-purge DO reading

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
Former Shell Service Station
2703 Martin Luther King Jr. Way
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 = This sample analyzed outside of EPA recommended holding time.

b = Due to error of Sequoia Analytical laboratories, well V-1 confirmed for MTBE by EPA Method 8260 instead of V-2.

c = Hydrocarbon does not match pattern of laboratory's standard.

d = Dissolved oxygen reading not taken due to meter malfunction.

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

f = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.

g = Analyte was detected in the associated Method Blank.

h = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

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

j = 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 upon the specified standard.

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

* = Water sample from Boring.

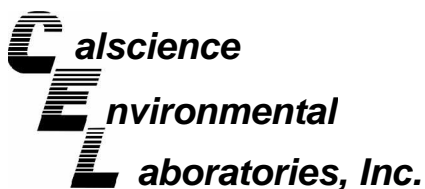
** = Samples were switched in the field for wells V-1 and V-2 due to field error for November 8, 2007 sampling event. Data corrected for this table.

Site surveyed June 14, 2001 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed August 13, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-1 through MW-8, V-1, and V-2 surveyed on February 14, 2006 by Virgil Chavez Land Surveying of Vallejo, CA..

Wells MW-12 and MW-14 surveyed on April 19, 2006 by Virgil Chavez Land Surveying of Vallejo, CA..



March 04, 2008

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

Subject: **CalScience Work Order No.: 08-02-1546**
Client Reference: 2703 Martin Luther King Jr. Way, Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/21/2008 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: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-02-1546-1-D	02/20/08 13:39	Aqueous	GC 30	02/22/08	02/22/08 22:19	080221B04

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	12000	1200	25		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	104	38-134			

MW-5	08-02-1546-2-D	02/20/08 13:48	Aqueous	GC 30	02/22/08	02/22/08 22:52	080221B04
-------------	-----------------------	---------------------------	----------------	--------------	-----------------	---------------------------	------------------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	92000	1200	25		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	111	38-134			

MW-6	08-02-1546-3-D	02/20/08 13:00	Aqueous	GC 30	02/22/08	02/22/08 23:26	080221B04
-------------	-----------------------	---------------------------	----------------	--------------	-----------------	---------------------------	------------------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	28000	1200	25		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	91	38-134			

MW-7	08-02-1546-4-D	02/20/08 13:08	Aqueous	GC 30	02/22/08	02/22/08 23:59	080221B04
-------------	-----------------------	---------------------------	----------------	--------------	-----------------	---------------------------	------------------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	20000	1200	25		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	98	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: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-8	08-02-1546-5-D	02/20/08 12:17	Aqueous	GC 30	02/22/08	02/23/08 00:33	080221B04

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	19000	1000	20		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	106	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-12	08-02-1546-6-D	02/20/08 09:38	Aqueous	GC 30	02/22/08	02/22/08 20:38	080221B04

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	84	38-134			

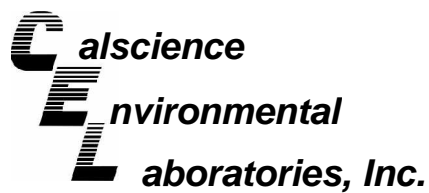
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14	08-02-1546-7-D	02/20/08 10:03	Aqueous	GC 30	02/22/08	02/23/08 01:06	080221B04

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	23000	1200	25		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	104	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1	08-02-1546-8-D	02/20/08 13:30	Aqueous	GC 30	02/22/08	02/23/08 02:47	080221B04

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	54	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	88	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: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2	08-02-1546-9-D	02/20/08 11:12	Aqueous	GC 30	02/22/08	02/23/08 02:13	080221B04

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	52000	1000	20		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	117	38-134			

Method Blank	099-12-436-1,519	N/A	Aqueous	GC 30	02/22/08	02/22/08 18:58	080221B04
---------------------	-------------------------	------------	----------------	--------------	-----------------	---------------------------	------------------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	88	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: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-02-1546-1-B	02/20/08 13:39	Aqueous	GC/MS O	02/29/08	03/01/08 01:56	080229L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2700	10	20		p/m-Xylene	370	20	20	
Ethylbenzene	690	20	20		o-Xylene	26	20	20	
Toluene	ND	20	20						
<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	93	74-140			1,2-Dichloroethane-d4	99	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	97	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	08-02-1546-2-B	02/20/08 13:48	Aqueous	GC/MS O	02/29/08	03/01/08 02:26	080229L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	14000	50	100		p/m-Xylene	22000	100	100	
Ethylbenzene	5900	100	100		o-Xylene	8800	100	100	
Toluene	14000	100	100						
<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	97	74-140			1,2-Dichloroethane-d4	103	74-146		
Toluene-d8	102	88-112			1,4-Bromofluorobenzene	98	74-110		

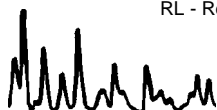
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	08-02-1546-3-B	02/20/08 13:00	Aqueous	GC/MS O	02/28/08	02/28/08 15:46	080228L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	6900	50	100		p/m-Xylene	4800	100	100	
Ethylbenzene	1900	100	100		o-Xylene	2200	100	100	
Toluene	1300	100	100						
<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	111	74-146		
Toluene-d8	104	88-112			1,4-Bromofluorobenzene	108	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-7	08-02-1546-4-B	02/20/08 13:08	Aqueous	GC/MS O	02/28/08	02/28/08 16:16	080228L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1400	12	25		p/m-Xylene	3700	25	25	
Ethylbenzene	600	25	25		o-Xylene	1100	25	25	
Toluene	210	25	25						
<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	101	74-140			1,2-Dichloroethane-d4	107	74-146		
Toluene-d8	106	88-112			1,4-Bromofluorobenzene	102	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: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-8	08-02-1546-5-C	02/20/08 12:17	Aqueous	GC/MS O	02/29/08	03/01/08 02:56	080229L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	760	5.0	10		p/m-Xylene	1600	10	10	
Ethylbenzene	52	10	10		o-Xylene	330	10	10	
Toluene	38	10	10						
<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	96	74-140			1,2-Dichloroethane-d4	98	74-146		
Toluene-d8	99	88-112			1,4-Bromofluorobenzene	97	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-12	08-02-1546-6-B	02/20/08 09:38	Aqueous	GC/MS O	02/28/08	02/28/08 17:17	080228L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5.4	0.50	1		p/m-Xylene	9.2	1.0	1	
Ethylbenzene	3.4	1.0	1		o-Xylene	3.2	1.0	1	
Toluene	1.7	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	102	74-140			1,2-Dichloroethane-d4	109	74-146		
Toluene-d8	105	88-112			1,4-Bromofluorobenzene	102	74-110		

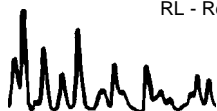
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14	08-02-1546-7-B	02/20/08 10:03	Aqueous	GC/MS O	02/28/08	02/28/08 17:47	080228L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1800	25	50		p/m-Xylene	1000	10	10	
Ethylbenzene	1600	10	10		o-Xylene	21	10	10	
Toluene	32	10	10						
<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	92	74-140			1,2-Dichloroethane-d4	82	74-146		
Toluene-d8	111	88-112			1,4-Bromofluorobenzene	100	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-1	08-02-1546-8-C	02/20/08 13:30	Aqueous	GC/MS O	03/03/08	03/03/08 13:06	080303L01

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						
<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	89	74-140			1,2-Dichloroethane-d4	88	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	94	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: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-2	08-02-1546-9-C	02/20/08 11:12	Aqueous	GC/MS O	02/29/08	03/01/08 03:56	080229L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1200	25	50		p/m-Xylene	9700	50	50	
Ethylbenzene	3200	50	50		o-Xylene	2700	50	50	
Toluene	560	50	50						
<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	94	74-140			1,2-Dichloroethane-d4	96	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	96	74-110		

Method Blank	099-10-006-24,620	N/A	Aqueous	GC/MS O	02/28/08	02/28/08 13:13	080228L01
--------------	-------------------	-----	---------	---------	----------	-------------------	-----------

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						
<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	101	74-140			1,2-Dichloroethane-d4	108	74-146		
Toluene-d8	109	88-112			1,4-Bromofluorobenzene	101	74-110		

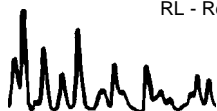
Method Blank	099-10-006-24,645	N/A	Aqueous	GC/MS O	02/29/08	02/29/08 16:12	080229L01
--------------	-------------------	-----	---------	---------	----------	-------------------	-----------

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						
<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	91	74-140			1,2-Dichloroethane-d4	93	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	94	74-110		

Method Blank	099-10-006-24,648	N/A	Aqueous	GC/MS O	02/29/08	03/01/08 01:26	080229L02
--------------	-------------------	-----	---------	---------	----------	-------------------	-----------

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						
<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	95	74-140			1,2-Dichloroethane-d4	99	74-146		
Toluene-d8	102	88-112			1,4-Bromofluorobenzene	94	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: 02/21/08
 Work Order No: 08-02-1546
 Preparation: EPA 5030B
 Method: EPA 8260B
 Units: ug/L

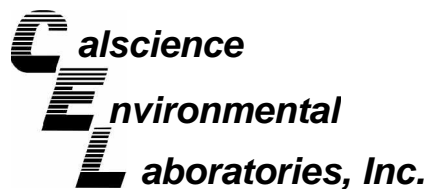
Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-24,654	N/A	Aqueous	GC/MS O	03/03/08	03/03/08 12:36	080303L01

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						
<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	91	74-140			1,2-Dichloroethane-d4	93	74-146		
Toluene-d8	102	88-112			1,4-Bromofluorobenzene	95	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

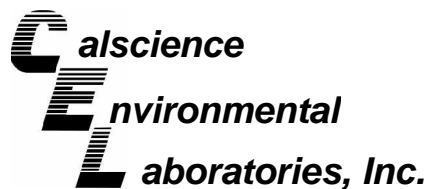
Date Received: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-12	Aqueous	GC 30	02/22/08	02/22/08	080221S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	97	86	68-122	12	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

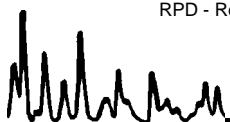
Date Received: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

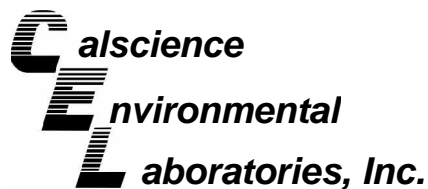
Project 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1436-6	Aqueous	GC/MS O	02/28/08	02/28/08	080228S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	88-118	0	0-7	
Carbon Tetrachloride	103	104	67-145	1	0-11	
Chlorobenzene	109	109	88-118	0	0-7	
1,2-Dibromoethane	113	116	70-130	2	0-30	
1,2-Dichlorobenzene	113	111	86-116	2	0-8	
1,1-Dichloroethene	112	113	70-130	1	0-25	
Ethylbenzene	112	111	70-130	0	0-30	
Toluene	118	116	87-123	1	0-8	
Trichloroethene	106	104	79-127	2	0-10	
Vinyl Chloride	96	96	69-129	0	0-13	
Methyl-t-Butyl Ether (MTBE)	108	111	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	124	121	36-168	2	0-45	
Diisopropyl Ether (DIPE)	103	103	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	102	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	111	111	72-126	0	0-12	
Ethanol	127	126	53-149	1	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



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

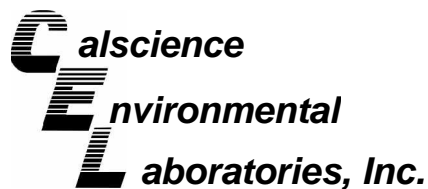
Date Received: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

Project 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1594-4	Aqueous	GC/MS O	02/29/08	02/29/08	080229S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	101	88-118	2	0-7	
Carbon Tetrachloride	102	95	67-145	7	0-11	
Chlorobenzene	101	101	88-118	0	0-7	
1,2-Dibromoethane	116	116	70-130	0	0-30	
1,2-Dichlorobenzene	102	103	86-116	1	0-8	
1,1-Dichloroethene	95	99	70-130	4	0-25	
Ethylbenzene	103	103	70-130	1	0-30	
Toluene	105	104	87-123	1	0-8	
Trichloroethene	104	98	79-127	5	0-10	
Vinyl Chloride	94	97	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	112	106	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	150	146	36-168	2	0-45	
Diisopropyl Ether (DIPE)	104	104	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	108	105	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	106	72-126	1	0-12	
Ethanol	115	125	53-149	9	0-31	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

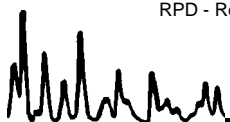
Date Received: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

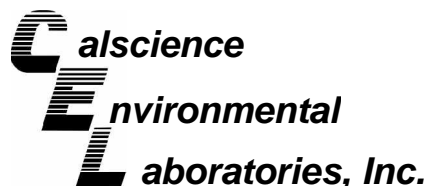
Project 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1685-6	Aqueous	GC/MS O	02/29/08	03/01/08	080229S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	118	116	88-118	2	0-7	
Carbon Tetrachloride	118	112	67-145	5	0-11	
Chlorobenzene	116	115	88-118	1	0-7	
1,2-Dibromoethane	140	136	70-130	3	0-30	3
1,2-Dichlorobenzene	122	120	86-116	2	0-8	3
1,1-Dichloroethene	113	109	70-130	4	0-25	
Ethylbenzene	118	117	70-130	0	0-30	
Toluene	118	119	87-123	1	0-8	
Trichloroethene	113	116	79-127	2	0-10	
Vinyl Chloride	114	110	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	138	128	71-131	7	0-13	3
Tert-Butyl Alcohol (TBA)	116	119	36-168	2	0-45	
Diisopropyl Ether (DIPE)	140	130	81-123	8	0-9	3
Ethyl-t-Butyl Ether (ETBE)	137	128	72-126	7	0-12	3
Tert-Amyl-Methyl Ether (TAME)	126	123	72-126	2	0-12	
Ethanol	138	136	53-149	2	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



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

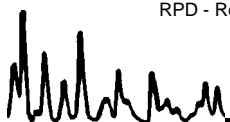
Date Received: 02/21/08
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

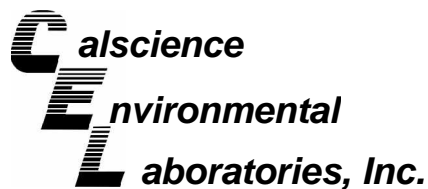
Project 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
V-1	Aqueous	GC/MS O	03/03/08	03/03/08	080303S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	103	88-118	0	0-7	
Carbon Tetrachloride	95	94	67-145	1	0-11	
Chlorobenzene	102	102	88-118	0	0-7	
1,2-Dibromoethane	114	111	70-130	3	0-30	
1,2-Dichlorobenzene	103	104	86-116	2	0-8	
1,1-Dichloroethene	101	103	70-130	2	0-25	
Ethylbenzene	104	105	70-130	1	0-30	
Toluene	105	108	87-123	2	0-8	
Trichloroethene	101	100	79-127	1	0-10	
Vinyl Chloride	101	103	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	104	107	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	104	122	36-168	17	0-45	
Diisopropyl Ether (DIPE)	103	102	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	102	102	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	106	72-126	3	0-12	
Ethanol	115	114	53-149	1	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

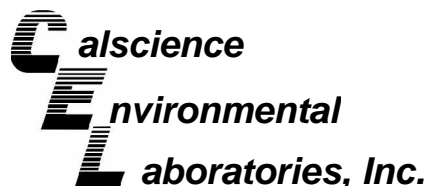
Date Received: N/A
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,519	Aqueous	GC 30	02/22/08	02/22/08	080221B04

<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	84	82	78-120	2	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

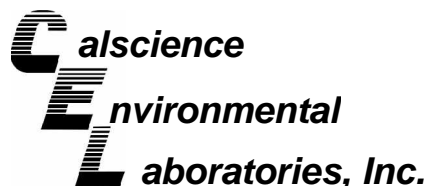
Date Received: N/A
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,620	Aqueous	GC/MS O	02/28/08	02/28/08	080228L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	103	84-120	2	0-8	
Carbon Tetrachloride	105	103	63-147	2	0-10	
Chlorobenzene	110	109	89-119	1	0-7	
1,2-Dibromoethane	112	113	80-120	1	0-20	
1,2-Dichlorobenzene	111	111	89-119	1	0-9	
1,1-Dichloroethene	124	119	77-125	4	0-16	
Ethylbenzene	111	111	80-120	0	0-20	
Toluene	116	115	83-125	1	0-9	
Trichloroethene	105	104	89-119	1	0-8	
Vinyl Chloride	96	94	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	106	104	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	113	113	46-154	0	0-32	
Diisopropyl Ether (DIPE)	104	103	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	103	101	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	106	76-124	1	0-10	
Ethanol	111	114	60-138	2	0-32	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

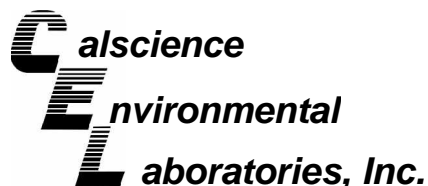
Date Received: N/A
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,645	Aqueous	GC/MS O	02/29/08	02/29/08	080229L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	103	84-120	1	0-8	
Carbon Tetrachloride	100	102	63-147	2	0-10	
Chlorobenzene	102	101	89-119	0	0-7	
1,2-Dibromoethane	115	113	80-120	2	0-20	
1,2-Dichlorobenzene	105	102	89-119	3	0-9	
1,1-Dichloroethene	96	95	77-125	1	0-16	
Ethylbenzene	105	105	80-120	0	0-20	
Toluene	103	104	83-125	0	0-9	
Trichloroethene	103	106	89-119	3	0-8	
Vinyl Chloride	94	94	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	106	106	82-118	0	0-13	
Tert-Butyl Alcohol (TBA)	92	77	46-154	18	0-32	
Diisopropyl Ether (DIPE)	105	104	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	107	106	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	105	76-124	0	0-10	
Ethanol	101	89	60-138	13	0-32	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

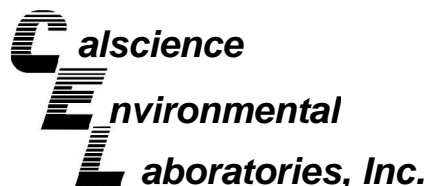
Date Received: N/A
Work Order No: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,648	Aqueous	GC/MS O	02/29/08	02/29/08	080229L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	101	84-120	1	0-8	
Carbon Tetrachloride	92	93	63-147	1	0-10	
Chlorobenzene	102	103	89-119	0	0-7	
1,2-Dibromoethane	108	110	80-120	1	0-20	
1,2-Dichlorobenzene	105	105	89-119	1	0-9	
1,1-Dichloroethene	94	93	77-125	1	0-16	
Ethylbenzene	105	105	80-120	0	0-20	
Toluene	108	108	83-125	0	0-9	
Trichloroethene	102	101	89-119	1	0-8	
Vinyl Chloride	101	101	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	104	105	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	120	125	46-154	4	0-32	
Diisopropyl Ether (DIPE)	101	101	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	99	100	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	102	76-124	0	0-10	
Ethanol	110	111	60-138	1	0-32	

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: 08-02-1546
Preparation: EPA 5030B
Method: EPA 8260B

Project: 2703 Martin Luther King Jr. Way, Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,654	Aqueous	GC/MS O	03/03/08	03/03/08	080303L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	104	84-120	2	0-8	
Carbon Tetrachloride	95	95	63-147	1	0-10	
Chlorobenzene	102	102	89-119	1	0-7	
1,2-Dibromoethane	113	113	80-120	0	0-20	
1,2-Dichlorobenzene	104	105	89-119	1	0-9	
1,1-Dichloroethene	96	96	77-125	0	0-16	
Ethylbenzene	105	106	80-120	0	0-20	
Toluene	108	109	83-125	1	0-9	
Trichloroethene	101	102	89-119	1	0-8	
Vinyl Chloride	104	103	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	112	110	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	149	142	46-154	5	0-32	
Diisopropyl Ether (DIPE)	102	103	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	104	104	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	111	108	76-124	2	0-10	
Ethanol	126	110	60-138	13	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 08-02-1546

<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:

ENV. SERVICES MOTIVA RETAIL SHELL RETAIL

MOTIVA SD&CM CONSULTANT LUBES

SHELL PIPELINE OTHER _____

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 7 0 9 3 3 9 7

CHECK IF NO INCIDENT # APPLIES

DATE: 2/20/08

PAGE: 1 of 1

SAMPLING COMPANY

Blaine 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@blainetech.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:

SITE ADDRESS: Street and City 2703 Martin Luther King Jr. Way, Oakland

State CA **GLOBAL ID NO:** T0600101876

EDF DELIVERABLE TO (Name, Company, Office Location): Ana Friel, CRA, Sonoma Office

PHONE NO: 707-268-3812 **E-MAIL:** sonomaedf@croworld.com

CONSULTANT PROJECT NO: 080220-5

BTS #:

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

SAMPLER NAME(S) (Print): K. Cordes

LAB USE ONLY: 02-1546

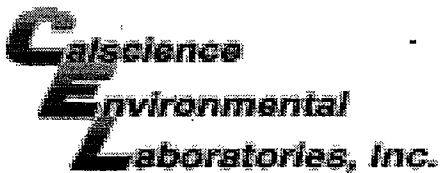
REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	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)	TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER																
1	MW-4	2/20	1339	W	X						5	X	X												
2	MW-5	2/20	1348		X						5	X	X												
3	MW-6	2/20	1300		X						5	X	X												
4	MW-7	2/20	1308		X						5	X	X												
5	MW-8	2/20	1217		X						5	X	X												
6	MW-12	2/20	0938		X						5	X	X												
7	MW-14	2/20	1003		X						5	X	X												
8	V-1	2/20	1330		X						5	X	X												
9	V-2	2/20	1112	V	X						5	X	X												

Relinquished by: (Signature)	Received by: (Signature)	Date: 2/20/08	Time: 1455
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/20/08	Time: 1625
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/21/08	Time: 9:15

GSD #105528170

05/2/06 Revision



WORK ORDER #: 08 - 02 - 1546

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech

DATE: 2/21/08

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.
4.1 C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

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

Not Present:

Initial: [Signature]

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: [Signature]

COMMENTS:

Blank lines for handwritten comments.

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 2703 Martin Luther King Jr. Way Date 2/20/08

Job Number 080220-KF1 Technician KF, WK 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
MW-1			X				X		2/2 bolts missing
MW-2			X				X	X	1/2 bolts missing
MW-3		X	X						
MW-4	X	X						X	1/2 tass broken
MW-5	X	X							
MW-6	X	X							
MW-7	X	X							
MW-8							X		No tag
MW-12		X	X						
MW-14	X	X							
V-1			X				X		1/2 tass stripped
V-2	X	X							

*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 # 080220-KP1 Date 2/20/08 Client Shell

Site 2703 Martin Luther King Jr. Way, 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	1029	2					7.38	18.36	↓	
MW-2	1033	2				6.48	16.90			
MW-3	1037	4				6.31	16.75			
MW-4	1042	4				4.86	19.95			
MW-5	1054	4				6.02	19.11			
MW-6	1045	4	No SPH detected			5.03	19.49			
MW-7	1049	4				3.33	19.56			
MW-8	1052	4				9.00	18.86			
MW-12	0921	2				7.40	19.43			
MW-14	0953	1				6.34	14.05			
V-1	1056	2				5.11	11.12			
V-2	1040	2				5.13	12.52	↓		

SHELL WELL MONITORING DATA SHEET

BTS #: 080220-KF1	Site: 97093397
Sampler: KF	Date: 2/20/08
Well I.D.: MW-6	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 19.49	Depth to Water (DTW): 5.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): <u>STL</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.92	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other _____

Water: Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____

$9.4 \text{ (Gals.)} \times 3 = 28.2 \text{ Gals.}$ 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
1135	62.0	7.3	1637	>1000	9.4	Stagnant, odor
1142	62.8	6.9	1592	>1000	18.8	" "
1148	64.6	7.1	1672	>1000	28.2	" "
					DTW @ 1149 = 14.78	

Did well dewater? Yes No Gallons actually evacuated: 28.2

Sampling Date: 2/20/08 Sampling Time: 1300 Depth to Water: 6.50

Sample I.D.: MW-6 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: 0.14 0.37 mg/L	Post-purge:	0.12 0.09 mg/L
O.R.P. (if req'd):	Pre-purge: 0.37 mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>080220-KF1</u>	Site: <u>97093397</u>
Sampler: <u>KF</u>	Date: <u>2/20/08</u>
Well I.D.: <u>MW-8</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>18.86</u>	Depth to Water (DTW): <u>9.00</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVS</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>10.97</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

6.4 (Gals.) X 3 = 19.2 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 <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1210	<u>64.0</u>	<u>7.23</u>	<u>1587</u>	<u>341</u>	<u>6.4</u>	cloudy
1211	<u>63.0</u>	<u>7.32</u>	<u>1212</u>	<u>312</u>	<u>12.8</u>	
1212	<u>62.9</u>	<u>7.35</u>	<u>1208</u>	<u>207</u>	<u>19.2</u>	

Did well dewater? Yes No Gallons actually evacuated: 19.2

Sampling Date: 2/20/08 Sampling Time: 1217 Depth to Water: 10.65

Sample I.D.: MW-8 Laboratory: STL Other CalScience

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

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:	<u>1.72</u> mg/L	Post-purge:	<u>0.13</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 080220-KF1	Site: 97093347
Sampler: KF	Date: 2/20/08
Well I.D.: MW-12	Well Diameter: ② 3 4 6 8
Total Well Depth (TD): 19.43	Depth to Water (DTW): 7.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.80	

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: _____

$1.9 \text{ (Gals.)} \times 3 = 5.7 \text{ Gals.}$ 1 Case Volume Specified Volumes 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 <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
928	56.8	9.11	526.4	71000	1.9	brown/claydy
930	57.5	8.71	522.4	71000	3.8	
932	58.1	9.56	518.0	71000	5.7	
DTW @	933 = 10.85					

Did well dewater? Yes No Gallons actually evacuated: 5.7

Sampling Date: 2/20/08 Sampling Time: 938 Depth to Water: 9.80

Sample I.D.: MW-12 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: 3.43 mg/L	Post-purge: 1.91 mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV

SHELL WELL MONITORING DATA SHEET

BTS #: 080220-KF1	Site: 97093397
Sampler: KF	Date: 2/20/08
Well I.D.: V-1	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 11.12	Depth to Water (DTW): 5.11
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSD HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.31	

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: _____

$\frac{1.00 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = \frac{3.00 \text{ Gals.}}{\text{Specified Volumes}} = \text{Calculated Volume}$	<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 μS)	Turbidity (NTUs)	Gals. Removed	Observations
1323	62.2	7.6	1701	55	1	clear
1324	61.8	7.4	1667	96	2	clear
1325	61.3	7.3	1686	114	3	clear

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Date: 2/20/08 Sampling Time: 1330 Depth to Water: 5.19

Sample I.D.: V-1 Laboratory: STL Other: CalScience

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

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:	0.13 mg/L	Post-purge:	0.22 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

