

March 1, 2004

Alameda County

MAR 08 2004

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

Environmental Health

Subject: Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California

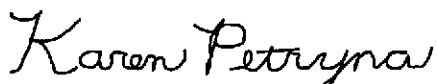
Dear Mr. Hwang:

Attached for your review and comment is a copy of the *First Quarter 2004 Groundwater Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

As always, please feel free to contact me directly at (559) 645-9306 with any questions or concerns.

Sincerely,

Shell Oil Products US



Karen Petryna
Sr. Environmental Engineer

C A M B R I A

Alameda County

MAR 08 2004

March 1, 2004

Environmental Health

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

Re: **Groundwater Monitoring Report - First Quarter 2004**
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
SAP Code 129449
Incident #97093397



Dear Mr. Hwang:

Cambria Environmental Technology, Inc. (Cambria) 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.

FIRST QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells, measured dissolved oxygen (DO) concentrations in all of the wells, and prepared a summary table of field gauging data and chemical concentrations. Cambria prepared a site vicinity/receptor survey map (Figure 1) and a groundwater contour/chemical concentration map (Figure 2). Blaine's report, presenting the laboratory report, is included as Appendix A.

Oxygen Releasing Compound (ORC): ORCs are currently installed in onsite wells MW-5 and V-2 to enhance intrinsic biodegradation at the site. ORCs were replaced during the fourth quarter sample event in accordance with the existing schedule. The DO meter malfunctioned during the first quarter sample event on January 13, 2004, thus, Blaine revisited the site on January 22, 2004 to obtain DO measurements. The DO measurements are included on the Blaine table in Appendix A.

**Cambria
Environmental
Technology, Inc.**

270 Perkins Street
P.O. Box 259
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

MAR 08 2004

ANTICIPATED SECOND QUARTER 2004 ACTIVITIES

Environmental Services

Groundwater Monitoring: Blaine will gauge and sample the site wells in accordance with the recommended modifications presented in Cambria's *Sensitive Receptor Survey, Geologic Cross Sections and Groundwater Monitoring Report – Fourth Quarter 2003* dated December 16, 2003. Since more than 60 days has passed without comment from the agency, we are assuming concurrence and will reduce the monitoring program such that wells MW-1, MW-2, and MW-3 be used for groundwater gauging only (no further sampling), and elimination of the oxygenates other than MTBE from the other wells (MW-4, MW-5, V-1, and V-2).



Oxygen Releasing Compound (ORC): Blaine will replace the ORC socks in wells MW-5 and V-2 during the second quarter sample event, as scheduled.

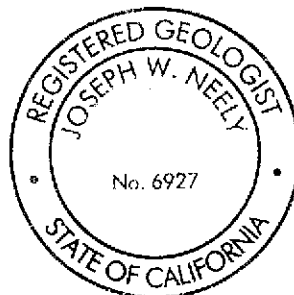
Offsite Investigation Activities: In the above-referenced document dated December 16, 2003, Cambria recommended assessment of the lateral and vertical extent of soil and groundwater conditions to the north, west, and south of the site. Since no response from the agency has been received in over 60 days, Cambria assumes agency concurrence and will submit a work plan for these activities.

CLOSING

If you have any questions regarding the contents of this document, please call Ana Friel at (707) 442-2700.

Sincerely,
Cambria Environmental Technology, Inc.

Anne Wettstone
Staff Geologist

Ana Friel, RG
Senior Project Geologist
RG 6452

C A M B R I A

Alameda County

MAR 08 2004

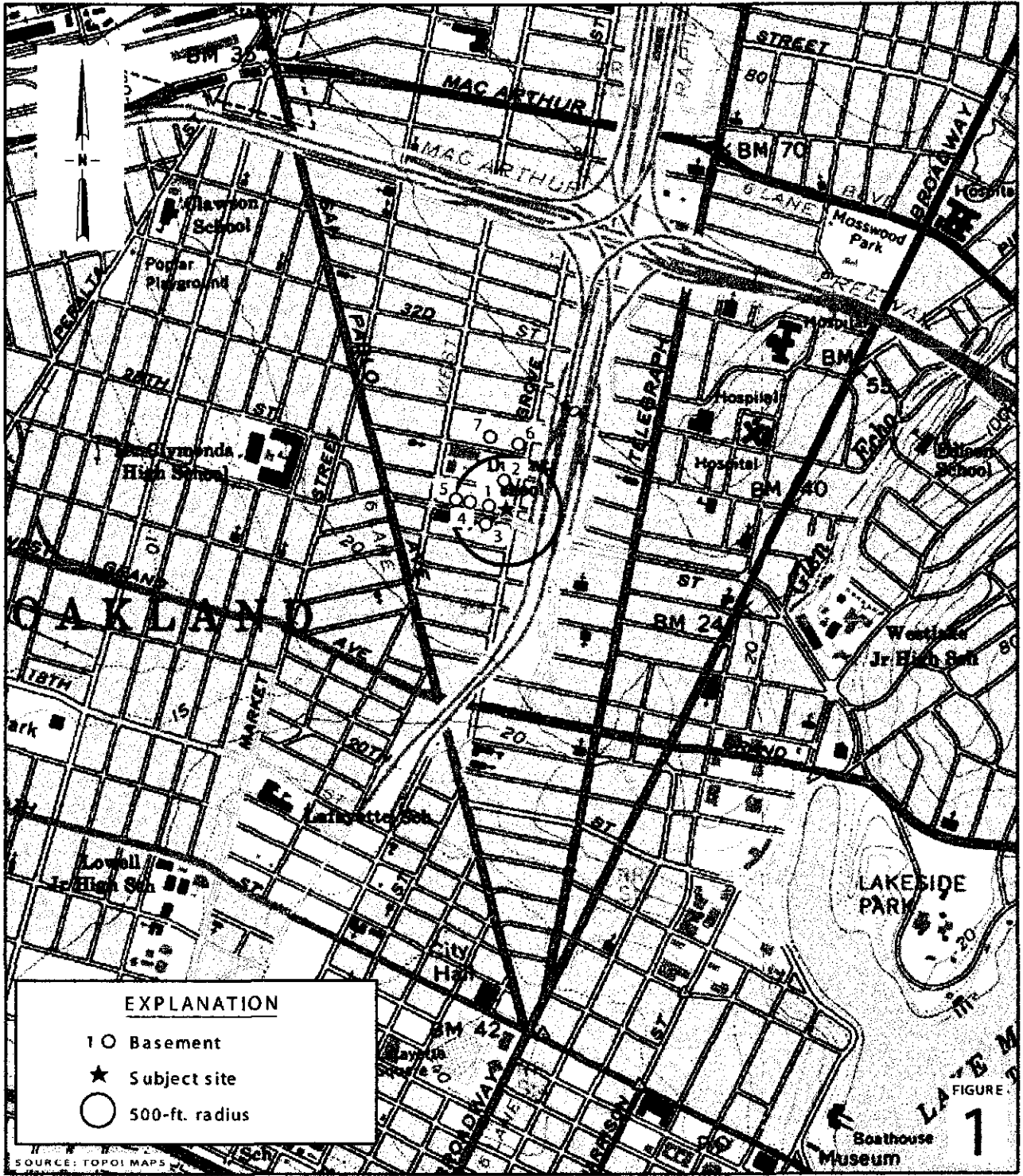
Attachments:

- Figure 1. Site Vicinity/Receptor Survey Map
Figure 2. Groundwater Contour/Chemical Concentration Map
Appendix A. Blaine Tech Services, Inc. - Groundwater Monitoring Report

Environmental Health

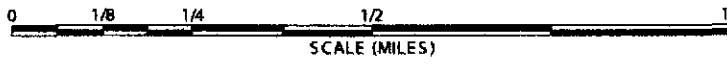
cc: Karen Petryna, Shell
Rodney & Janet Kwan





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SOURCE: TOPOI MAPS

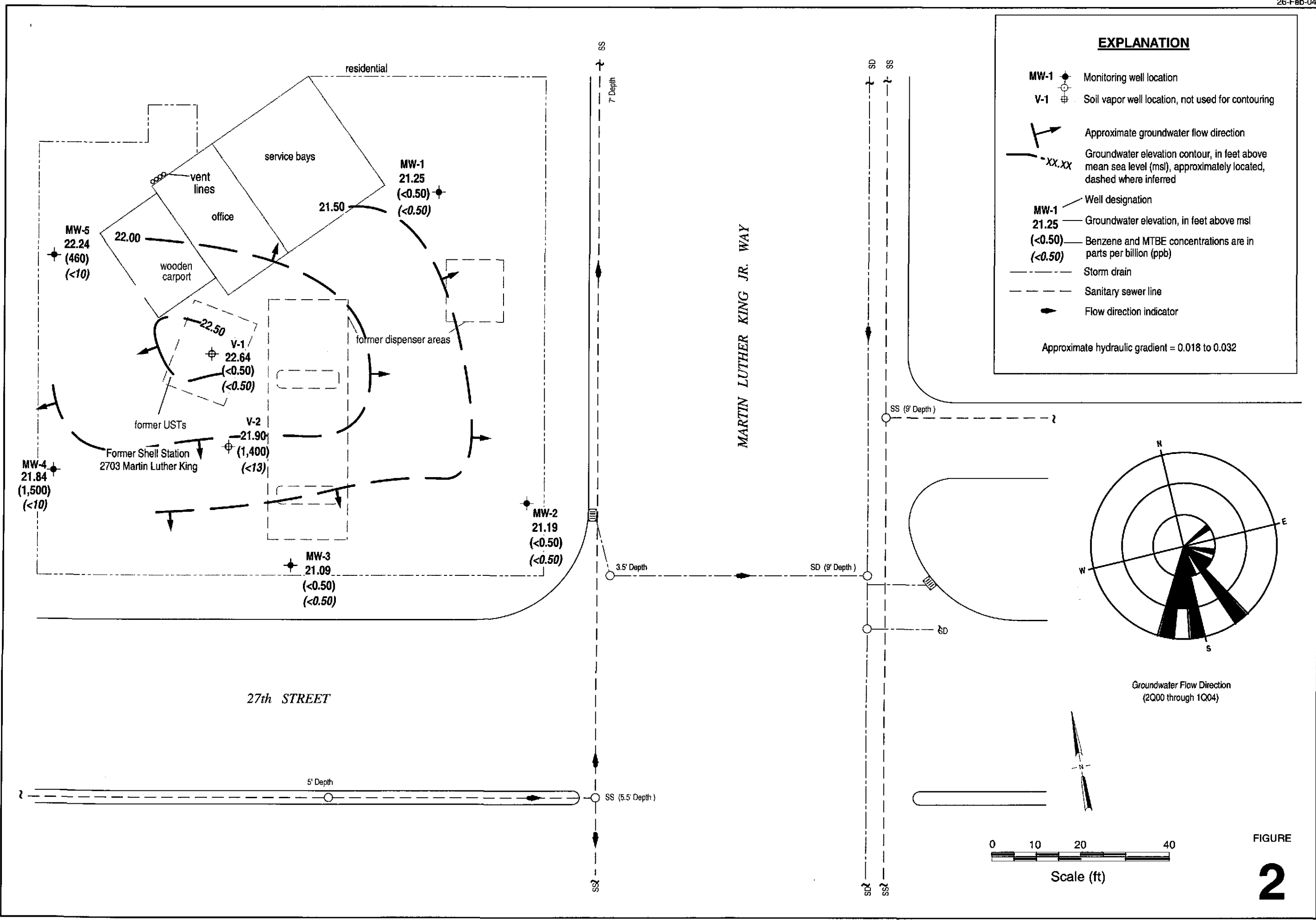


Former Shell Service Station
 2703 Martin Luther King Jr. Way
 Oakland, California



**Site Vicinity/Receptor
 Survey Map**

FIGURE
 1



**Groundwater Contour/
Chemical Concentration Map**



CAMBRIA

Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California

January 13, 2004

FIGURE
2

APPENDIX A

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

BLAINE
TECH SERVICES, INC.



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

February 19, 2004

Karen Petryna
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

First Quarter 2004 Groundwater Monitoring at
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, CA

Monitoring performed on January 13 and 22, 2004

Groundwater Monitoring Report 040113-AC-1

This report covers the routine monitoring of groundwater wells at this Former Shell 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,

Leon Gearhart
Project Coordinator

LG/jt

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

cc: Ana Friel
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1 (B-11)	08/02/1996	NA	NA	NA	NA	NA	NA	NA	23.53	NA	NA	NA
MW-1 (B-11)	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.76	14.77	NA
MW-1 (B-11) (D)	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	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	23.53	9.88	13.65	NA
MW-1 (B-11)	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	6.82	16.71	NA
MW-1 (B-11)	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.89	15.64	NA
MW-1 (B-11)	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	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	23.53	9.26	14.27	NA
MW-1 (B-11)	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.94	15.59	NA
MW-1 (B-11)	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.21	16.32	NA
MW-1 (B-11)	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	7.78	15.75	NA
MW-1 (B-11)	10/01/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.39	15.14	NA
MW-1 (B-11)	01/18/1999	<50.0	<0.500	0.785	<0.500	<0.500	2.36	NA	23.53	8.28	15.25	NA
MW-1 (B-11)	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.53	8.41	15.12	NA
MW-1 (B-11)	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	8.17	15.36	NA
MW-1 (B-11)	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	23.53	9.37	14.16	NA
MW-1 (B-11)	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.52	16.01	NA
MW-1 (B-11)	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	7.66	15.87	NA
MW-1 (B-11)	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	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	23.53	8.33	15.20	NA
MW-1 (B-11)	01/04/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.53	8.33	15.20	NA
MW-1 (B-11)	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.53	7.83	15.70	NA
MW-1 (B-11)	07/09/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.53	8.60	14.93	NA
MW-1	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.53	9.01	14.52	0.2
MW-1	01/24/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.53	7.68	15.85	2.1
MW-1	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.53	7.38	16.15	1.1

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	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	29.53	8.10	21.43	1.6
MW-1	01/21/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	29.53	7.82	21.71	0.6
MW-1	04/17/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	29.53	7.76	21.77	1.7
MW-1	07/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	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	29.53	8.67	20.86	0.8
MW-1	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	29.53	8.28	21.25	NA
MW-1	01/22/2004	NA	NA	NA	NA	NA	NA	NA	29.53	8.50	21.03	1.1

MW-2 (B-12)*	07/17/1996	<50	<0.50	0.69	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	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	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	22.47	NA	NA	NA
MW-2 (B-12)*	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.80	15.67	NA
MW-2 (B-12) (D)*	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	NA	NA	NA
MW-2 (B-12)*	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.81	14.66	NA
MW-2 (B-12)*	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	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	22.47	9.12	13.35	NA
MW-2 (B-12)*	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	6.3	NA	22.47	7.41	15.06	NA
MW-2 (B-12)*	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	6.59	15.88	NA
MW-2 (B-12)*	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	7.49	14.98	NA
MW-2 (B-12)*	10/01/1998	<50	<0.50	<0.50	<0.50	0.59	<2.5	NA	22.47	8.58	13.89	NA
MW-2 (B-12)*	01/18/1999	<50.0	<0.500	0.971	<0.500	<0.500	2.47	NA	22.47	8.68	13.79	NA
MW-2 (B-12)*	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	22.47	8.62	13.85	NA
MW-2 (B-12)*	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.43	15.04	NA
MW-2 (B-12)*	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	22.47	9.00	13.47	NA

WELL CONCENTRATIONS
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MW-2 (B-12)*	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	8.15	14.32	NA
MW-2 (B-12)*	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	7.04	15.43	NA
MW-2 (B-12)*	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	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	22.47	8.78	13.69	NA
MW-2 (B-12)*	01/04/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	22.47	8.33	14.14	NA
MW-2 (B-12)*	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.47	7.24	15.23	NA
MW-2 (B-12)*	07/09/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.47	8.55	13.92	NA
MW-2	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.47	9.42	13.05	NA
MW-2	01/24/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.47	7.23	15.24	NA
MW-2	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.47	6.90	15.57	NA
MW-2	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.47	7.97	14.50	NA
MW-2	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	28.47	8.62	19.85	NA
MW-2	01/21/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	28.47	7.08	21.39	NA
MW-2	04/17/2003	<50	<0.50	<0.50	0.98	2.5	NA	<5.0	28.47	6.94	21.53	NA
MW-2	07/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	28.47	8.10	20.37	NA
MW-2	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	28.47	9.09	19.38	NA
MW-2	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	28.47	7.28	21.19	NA
MW-2	01/22/2004	NA	NA	NA	NA	NA	NA	NA	28.47	8.99	19.48	2.8
MW-3	04/25/2001	NA	NA	NA	NA	NA	NA	NA	22.30	7.16	15.14	NA
MW-3	05/03/2001	<100	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.30	7.28	15.02	NA
MW-3	07/09/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.30	8.45	13.85	NA
MW-3	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.30	9.44	12.86	NA
MW-3	01/24/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.30	5.88	16.42	NA
MW-3	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.30	6.68	15.62	NA
MW-3	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	22.30	7.63	14.67	NA

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MW-3	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	28.30	8.56	19.74	NA
MW-3	01/21/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	28.30	6.95	21.35	NA
MW-3	04/17/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	28.30	6.77	21.53	NA
MW-3	07/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	28.30	7.92	20.38	NA
MW-3	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	28.30	9.12	19.18	NA
MW-3	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	28.30	7.21	21.09	NA
MW-3	01/22/2004	NA	NA	NA	NA	NA	NA	NA	28.30	9.00	19.30	0.6
MW-4	04/25/2001	NA	NA	NA	NA	NA	NA	NA	22.51	7.05	15.46	NA
MW-4	05/03/2001	8,000	3,500	24	37	350	NA	<200	22.51	6.66	15.85	NA
MW-4	07/09/2001	16,000	4,100	32	890	790	NA	<200	22.51	8.28	14.23	NA
MW-4	10/18/2001	12,000	3,300	<20	430	220	NA	<200	22.51	9.40	13.11	NA
MW-4	01/24/2002	5,500	1,200	<5.0	280	240	NA	<50	22.51	5.73	16.78	NA
MW-4	04/04/2002	2,000	350	1.4	13	7.8	NA	<10	22.51	5.62	16.89	NA
MW-4	07/18/2002	3,400	440	1.3	200	98	NA	<5.0	22.51	6.94	15.57	NA
MW-4	10/21/2002	16,000	3,100	11	1,200	970	NA	<5.0	28.51	8.04	20.47	NA
MW-4	01/21/2003	3,600	720	3.9	110	58	NA	<25	28.51	6.10	22.41	NA
MW-4	04/17/2003	3,700	810	<5.0	140	17	NA	<50	28.51	5.97	22.54	NA
MW-4	07/22/2003	3,700	450	<2.5	110	7.9	NA	<2.5	28.51	6.37	22.14	NA
MW-4	10/20/2003	11,000 c	2,500	<20	550	95	NA	<20	28.51	8.99	19.52	NA
MW-4	01/13/2004	6,600	1,500	<10	41	37	NA	<10	28.51	6.67	21.84	NA
MW-4	01/22/2004	NA	NA	NA	NA	NA	NA	NA	28.51	8.80	19.71	0.3
MW-5	04/25/2001	NA	NA	NA	NA	NA	NA	NA	23.54	7.36	16.18	NA
MW-5	05/03/2001	160,000	12,000	20,000	3,600	23,000	NA	<500	23.54	7.77	15.77	NA
MW-5	07/09/2001	130,000	11,000	19,000	4,500	22,000	NA	<500	23.54	9.32	14.22	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-5	10/18/2001	120,000	12,000	23,000	4,200	21,000	NA	<500	23.54	9.39	14.15	0.5
MW-5	01/24/2002	34,000	3,300	3,300	960	6,000	NA	<100	23.54	7.05	16.49	4.0
MW-5	04/04/2002	32,000	2,100	2,800	730	6,400	NA	<200	23.54	6.89	16.65	1.0
MW-5	07/18/2002	75,000	7,500	4,700	2,700	15,000	NA	<500	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	29.54	9.21	20.33	1.1
MW-5	01/21/2003	47,000	6,400	3,500	370	8,300	NA	<500	29.54	7.23	22.31	0.8
MW-5	04/17/2003	93,000	9,700	16,000	3,200	20,000	NA	<500	29.54	6.61	22.93	0.8
MW-5	07/22/2003	110,000	9,500	15,000	560	23,000	NA	<50	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	29.54	9.71	19.83	0.1
MW-5	01/13/2004	4,600	460	140	<10	930	NA	<10	29.54	7.30	22.24	NA
MW-5	01/22/2004	NA	NA	NA	NA	NA	NA	NA	29.54	9.51	20.03	0.3
B-10 *	07/17/1996	20000	400	<100	<100	870	<500	NA	NA	NA	NA	NA
B-13*	07/17/1996	290000	34000	21000	9900	47000	<2500	NA	NA	NA	NA	NA
V-1	08/02/1996	NA	NA	NA	NA	NA	NA	NA	23.26	NA	NA	NA
V-1	08/05/1996	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	23.26	10.02	13.24	NA
V-1	01/16/1997	9,500	1,200	250	280	880	<50	NA	23.26	5.55	17.71	NA
V-1	04/07/1997	2,200	42	<5.0	130	15	<25	NA	23.26	7.40	15.86	NA
V-1	07/02/1997	2,600	340	5.8	49	12	74	<4.0	23.26	8.94	14.32	NA
V-1	10/24/1997	57,000	5,200	2,300	3,600	16,000	1,900	<200	23.26	9.43	13.83	NA
V-1	01/09/1998	23,000	2,400	1,700	1,300	2,300	310	NA	23.26	6.81	16.45	NA
V-1 (D)	01/09/1998	24,000	2,500	1,800	1,400	2,400	450	NA	23.26	NA	NA	NA
V-1	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	4.58	18.68	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
V-1 (D)	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	NA	NA	NA
V-1	07/14/1998	160	1.9	<0.50	4.2	<0.50	6.1	NA	23.26	7.51	15.75	NA
V-1	10/01/1998	440	18	<0.50	11	0.80	7.9	NA	23.26	8.49	14.77	NA
V-1	01/18/1999	697	55.7	0.839	28.2	<0.500	9.35	NA	23.26	8.59	14.67	NA
V-1	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	23.26	8.69	14.57	NA
V-1	08/23/1999	457	33.4	3.59	16.3	<0.500	13.9	NA	23.26	8.99	14.27	NA
V-1	10/06/1999	714	53.7	0.740	8.69	<0.500	9.83	NA	23.26	9.55	13.71	NA
V-1	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.26	7.19	16.07	NA
V-1	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	23.26	7.67	15.59	NA
V-1	07/19/2000	255	21.7	<0.500	10.2	<0.500	7.33	<1.00a	23.26	7.53	15.73	NA
V-1	10/24/2000	200	4.05	0.566	<0.500	<0.500	7.82	NA	23.26	7.38	15.88	NA
V-1	01/04/2001	128	1.77	<0.500	<0.500	<0.500	6.40	<10.0b	23.26	8.41	14.85	NA
V-1	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.26	7.20	16.06	NA
V-1	07/09/2001	110	4.4	<0.50	0.88	1.7	NA	<5.0	23.26	9.22	14.04	NA
V-1	10/18/2001	1,500	180	12	43	46	NA	<5.0	23.26	10.08	13.18	0.8
V-1	01/24/2002	210	7.1	15	4.6	32	NA	<5.0	23.26	6.44	16.82	3.5
V-1	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	23.26	6.18	17.08	1.0
V-1	07/18/2002	100	1.6	1.2	1.2	6.1	NA	<5.0	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	29.26	8.94	20.32	1.2
V-1	01/21/2003	61	5.2	<0.50	<0.50	<0.50	NA	<5.0	29.26	6.62	22.64	0.6
V-1	04/17/2003	<50	<0.50	<0.50	<0.50	1.2	NA	<5.0	29.26	6.00	23.26	1.3
V-1	07/22/2003	Well inaccessible		NA	NA	NA	NA	NA	29.26	NA	NA	NA
V-1	10/20/2003	540	11	1.6	6.0	8.9	NA	<0.50	29.26	9.53	19.73	0.1
V-1	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	29.26	6.62	22.64	NA
V-1	01/22/2004	NA	NA	NA	NA	NA	NA	NA	29.26	9.08	20.18	0.1

WELL CONCENTRATIONS
Former Shell Service Station
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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
V-2	08/02/1996	NA	NA	NA	NA	NA	NA	NA	22.80	NA	NA	NA
V-2	08/05/1996	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	22.80	9.30	13.50	NA
V-2	01/08/1997	69,000	4,800	2,800	2,700	13,000	750	NA	22.80	5.82	16.98	NA
V-2	04/07/1997	90,000	4,400	1,900	3,300	14,000	<500	NA	22.80	7.10	15.70	NA
V-2 (D)	04/07/1997	77,000	4,400	2,000	3,200	14,000	<250	NA	22.80	NA	NA	NA
V-2	07/02/1997	82,000	5,500	2,700	3,500	16,000	530	<100	22.80	8.35	14.45	NA
V-2 (D)	07/02/1997	85,000	5,600	2,800	3,600	17,000	520	<100	22.80	NA	NA	NA
V-2	10/24/1997	7,300	1,100	97	230	180	91	<12	22.80	10.03	12.77	NA
V-2 (D)	10/24/1997	12,000	1,700	340	650	630	120	<20	22.80	NA	NA	NA
V-2	01/09/1998	40,000	4,100	1,500	2,500	9,000	280	NA	22.80	6.94	15.86	NA
V-2	04/02/1998	62,000	6,800	2,400	3,400	14,000	<250	NA	22.80	5.35	17.45	NA
V-2	07/14/1998	43,000	4,700	1,100	2,500	6,600	<250	NA	22.80	6.48	16.32	NA
V-2 (D)	07/14/1998	48,000	5,100	1,300	2,600	8,100	<250	NA	22.80	NA	NA	NA
V-2	10/01/1998	53,000	5,200	1,800	3,200	10,000	83	NA	22.80	8.41	14.39	NA
V-2 (D)	10/01/1998	55,000	5,300	1,900	3,300	11,000	65	NA	22.80	NA	NA	NA
V-2	01/18/1999	47,100	5,800	1,960	3,450	10,200	<100	NA	22.80	8.29	14.51	NA
V-2	04/29/1999	65,000	6,100	2,800	3,200	12,000	540	NA	22.80	8.19	14.61	NA
V-2	08/23/1999	59,600	6,240	2,190	3,900	14,700	390	NA	22.80	8.44	14.36	NA
V-2	10/06/1999	63,800	4,820	1,860	2,840	11,100	<1000	NA	22.80	8.96	13.84	NA
V-2	01/27/2000	59,600	10,200	2,840	3,450	12,100	<500	NA	22.80	7.57	15.23	NA
V-2	04/18/2000	45,000	6,050	2,700	3,340	12,200	<250	NA	22.80	8.14	14.66	NA
V-2	07/19/2000	31,800	4,440	1,270	2,390	6,820	<500	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	22.80	8.53	14.27	NA
V-2	01/04/2001	37,500	4,510	1,390	2,710	6,880	375	NA	22.80	8.03	14.77	NA
V-2	05/03/2001	51,000	4,000	1,900	2,800	8,200	NA	<200	22.80	6.63	16.17	NA

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
V-2	07/09/2001	9,600	710	190	180	1,400	NA	<25	22.80	8.75	14.05	NA
V-2	10/18/2001	20,000	2,000	540	560	6,000	NA	<50	22.80	9.60	13.20	0.4
V-2	01/24/2002	36,000	2,900	870	1,700	5,900	NA	<100	22.80	5.93	16.87	4.0
V-2	04/04/2002	49,000	3,900	1,500	2,900	9,300	NA	<200	22.80	5.78	17.02	0.9
V-2	07/18/2002	50,000	3,600	1,300	2,800	9,300	NA	<200	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	28.80	8.40	20.40	1.3
V-2	01/21/2003	13,000	630	200	300	2,400	NA	<25	28.80	6.52	22.28	1.2
V-2	04/17/2003	26,000	2,000	570	750	6,000	NA	<100	28.80	5.93	22.87	1.1
V-2	07/22/2003	6,800	130	34	150	440	NA	<2.5	28.80	7.96	20.84	1.4
V-2	10/20/2003	14,000	660	160	260	2,400	NA	<10	28.80	9.21	19.59	0.7
V-2	01/13/2004	20,000	1,400	410	700	4,200	NA	<13	28.80	6.90	21.90	NA
V-2	01/22/2004	NA	NA	NA	NA	NA	NA	NA	28.80	8.50	20.30	0.1

WELL CONCENTRATIONS
Former Shell Service Station
2703 Martin Luther King 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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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

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen 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

Notes:

* = Water sample from Boring

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.

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

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

Blaine Tech Services, Inc.

January 29, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 040113-AC1

Project: 97093397

Site: 2703 Martin Luther King Jr. Way, Oakland

Dear Mr. Gearhart,

Attached is our report for your samples received on 01/15/2004 16:58

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 02/29/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040113-AC1

97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	01/13/2004 12:10	Water	1
MW-2	01/13/2004 12:20	Water	2
MW-3	01/13/2004 12:30	Water	3
MW-4	01/13/2004 12:40	Water	4
MW-5	01/13/2004 12:50	Water	5
V-1	01/13/2004 13:00	Water	6
V-2	01/13/2004 13:10	Water	7

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/28/2004 15:48

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040113-AC1

97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-1	Lab ID:	2004-01-0421
Sampled:	01/13/2004 12:10	Extracted:	1/24/2004 14:37
Matrix:	Water	GC Batch:	2004-01/24-1A-64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/24/2004 14:37	
Benzene	ND	0.50	ug/L	1.00	01/24/2004 14:37	
Toluene	ND	0.50	ug/L	1.00	01/24/2004 14:37	
Ethylbenzene	ND	0.50	ug/L	1.00	01/24/2004 14:37	
Total xylenes	ND	1.0	ug/L	1.00	01/24/2004 14:37	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/24/2004 14:37	
Surrogate(s)						
1,2-Dichloroethane-d4	88.5	76-130	%	1.00	01/24/2004 14:37	
Toluene-d8	89.1	78-115	%	1.00	01/24/2004 14:37	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
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1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040113-AC1
97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Prep(s):	8260B	Method:	8260B
Sample ID:	MW2	Lab ID:	2962101/0421-2
Sampled:	01/13/2004 12:20	Extracted:	01/24/2004 14:59
Matrix:	Water	QC Batch#:	2004/01/24/1A64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/24/2004 14:59	
Benzene	ND	0.50	ug/L	1.00	01/24/2004 14:59	
Toluene	ND	0.50	ug/L	1.00	01/24/2004 14:59	
Ethylbenzene	ND	0.50	ug/L	1.00	01/24/2004 14:59	
Total xylenes	ND	1.0	ug/L	1.00	01/24/2004 14:59	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/24/2004 14:59	
Surrogate(s)						
1,2-Dichloroethane-d4	86.0	76-130	%	1.00	01/24/2004 14:59	
Toluene-d8	89.8	78-115	%	1.00	01/24/2004 14:59	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Project: 040113-AC1

97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2004-01-04-21-3
Sampled:	01/13/2004 12:00	Extracted:	1/24/2004 15:22
Matrix:	Water	QC Batch:	2004/01/24-1A-82

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/24/2004 15:22	
Benzene	ND	0.50	ug/L	1.00	01/24/2004 15:22	
Toluene	ND	0.50	ug/L	1.00	01/24/2004 15:22	
Ethylbenzene	ND	0.50	ug/L	1.00	01/24/2004 15:22	
Total xylenes	ND	1.0	ug/L	1.00	01/24/2004 15:22	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/24/2004 15:22	
Surrogate(s)						
1,2-Dichloroethane-d4	85.2	76-130	%	1.00	01/24/2004 15:22	
Toluene-d8	88.4	78-115	%	1.00	01/24/2004 15:22	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105

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Project: 040113-AC1

97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Prep(s):	5000B	Test(s):	8260B
Sample ID:	1111-4	Lab ID:	2004-01-0421-4
Sampled:	01/13/2004 12:41	Entered:	01/26/2004 11:38
Matrix:	Water	QC Batch:	2004/01/26 13:64
Analysis Flag: (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6600	1000	ug/L	20.00	01/26/2004 11:38	
Benzene	1500	10	ug/L	20.00	01/26/2004 11:38	
Toluene	ND	10	ug/L	20.00	01/26/2004 11:38	
Ethylbenzene	41	10	ug/L	20.00	01/26/2004 11:38	
Total xylenes	37	20	ug/L	20.00	01/26/2004 11:38	
Methyl tert-butyl ether (MTBE)	ND	10	ug/L	20.00	01/26/2004 11:38	
Surrogate(s)						
1,2-Dichloroethane-d4	83.2	76-130	%	20.00	01/26/2004 11:38	
Toluene-d8	87.4	78-115	%	20.00	01/26/2004 11:38	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040113-AC1

97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-5	Lab ID:	200401042126
Sampled:	01/13/2004 12:50	Extracted:	01/24/2004 16:06
Matrix:	Water	QC Sample:	2004/01/24/1A/64
Analysis Flag: 0 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	4600	1000	ug/L	20.00	01/24/2004 16:06	
Benzene	460	10	ug/L	20.00	01/24/2004 16:06	
Toluene	140	10	ug/L	20.00	01/24/2004 16:06	
Ethylbenzene	ND	10	ug/L	20.00	01/24/2004 16:06	
Total xylenes	930	20	ug/L	20.00	01/24/2004 16:06	
Methyl tert-butyl ether (MTBE)	ND	10	ug/L	20.00	01/24/2004 16:06	
Surrogate(s)						
1,2-Dichloroethane-d4	84.6	76-130	%	20.00	01/24/2004 16:06	
Toluene-d8	89.7	78-115	%	20.00	01/24/2004 16:06	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040113-AC1
97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Prep(s)	8260B	Test(s)	8260B
Sample ID	V-1	Lab ID	2004-01-0421
Sampled	01/13/2004 15:00	Extracted	01/27/2004 05:22
Matrix	Water	QC Batch#	2004/01/26-28 64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/27/2004 03:22	
Benzene	ND	0.50	ug/L	1.00	01/27/2004 03:22	
Toluene	ND	0.50	ug/L	1.00	01/27/2004 03:22	
Ethylbenzene	ND	0.50	ug/L	1.00	01/27/2004 03:22	
Total xylenes	ND	1.0	ug/L	1.00	01/27/2004 03:22	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/27/2004 03:22	
Surrogate(s)						
1,2-Dichloroethane-d4	89.4	76-130	%	1.00	01/27/2004 03:22	
Toluene-d8	88.9	78-115	%	1.00	01/27/2004 03:22	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040113-AC1

97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	V-2	Lab ID:	2004-01-0421
Sampled:	01/13/2004 13:10	Extracted:	01/26/2004 12:22
Matrix:	Water	QC Batch#:	2004/01/26/1E
Analysis Flag(s): (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	20000	1300	ug/L	25.00	01/26/2004 12:22	
Benzene	1400	13	ug/L	25.00	01/26/2004 12:22	
Toluene	410	13	ug/L	25.00	01/26/2004 12:22	
Ethylbenzene	700	13	ug/L	25.00	01/26/2004 12:22	
Total xylenes	4200	25	ug/L	25.00	01/26/2004 12:22	
Methyl tert-butyl ether (MTBE)	ND	13	ug/L	25.00	01/26/2004 12:22	
Surrogate(s)						
1,2-Dichloroethane-d4	85.1	76-130	%	25.00	01/26/2004 12:22	
Toluene-d8	88.9	78-115	%	25.00	01/26/2004 12:22	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Project: 040113-AC1
97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Batch QC Report					
Prep(s): 5030b				Test(s): 8260B	
Method: Blank		Water		QC Batch #: 2004/01/24/1/2-66	
MB: 2004/01/24 FAX: 01/19				Date Extracted: 01/24/2004 09:19	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/24/2004 09:19	
Benzene	ND	0.5	ug/L	01/24/2004 09:19	
Toluene	ND	0.5	ug/L	01/24/2004 09:19	
Ethylbenzene	ND	0.5	ug/L	01/24/2004 09:19	
Total xylenes	ND	1.0	ug/L	01/24/2004 09:19	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/24/2004 09:19	
Surrogates(s)					
1,2-Dichloroethane-d4	85.1	76-130	%	01/24/2004 09:19	
Toluene-d8	90.2	78-115	%	01/24/2004 09:19	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040113-AC1
97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Batch QC Report					
Prep(S): 8260B					8260B
Method: Blank		Water		QC batch #: 2004/01/26/13/04	
MB: 2004/01/26 (B 64-028)				Date Extracted: 01/26/2004 10:26	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/26/2004 10:26	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/26/2004 10:26	
Benzene	ND	0.5	ug/L	01/26/2004 10:26	
Toluene	ND	0.5	ug/L	01/26/2004 10:26	
Ethylbenzene	ND	0.5	ug/L	01/26/2004 10:26	
Total xylenes	ND	1.0	ug/L	01/26/2004 10:26	
Surrogates(s)					
1,2-Dichloroethane-d4	86.0	76-130	%	01/26/2004 10:26	
Toluene-d8	88.2	78-115	%	01/26/2004 10:26	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040113-AC1

97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Batch QC Report					
Pres(s): 5030B					Test(s): 8260B
Method: Blank		Water			QC Batch #: 2004/01/26-2B-64
MB: 2004/01/26-2B-64-01					Date Extracted: 01/26/2004 19:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/26/2004 19:14	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/26/2004 19:14	
Benzene	ND	0.5	ug/L	01/26/2004 19:14	
Toluene	ND	0.5	ug/L	01/26/2004 19:14	
Ethylbenzene	ND	0.5	ug/L	01/26/2004 19:14	
Total xylenes	ND	1.0	ug/L	01/26/2004 19:14	
Surrogates(s)					
1,2-Dichloroethane-d4	83.8	76-130	%	01/26/2004 19:14	
Toluene-d8	90.0	78-115	%	01/26/2004 19:14	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040113-AC1
97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Batch QC Report			
Prep(s): 50305			QC(s): 8260B
Laboratory/Control Spike	Water		QC Batch#: 2004/01/24-174-164
LCS: 2004/01/24-174-086	Extracted: 01/24/2004		Analyzed: 01/24/2004 08:35
LCSD: 2004/01/24-174-057	Extracted: 01/24/2004		Analyzed: 01/24/2004 08:37

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	26.9	26.8	25	107.6	107.2	0.4	69-129	20		
Toluene	27.7	26.8	25	110.8	107.2	3.3	70-130	20		
Methyl tert-butyl ether (MTBE)	26.0	25.7	25	104.0	102.8	1.2	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	415	403	500	83.0	80.6		76-130			
Toluene-d8	449	453	500	89.8	90.6		78-115			

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040113-AC1
97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Batch QC Report		
Prep(s): 5080B		Test(s): 8260B
Laboratory Control Spike	Water	QC Batch #: 2004/01/26-1B-64
PCS: 2004/01/26-1B-64-001	Extracted: 01/26/2004	Analyzed: 01/23/2004 09:41
LCSD: 2004/01/26-1B-64-004	Extracted: 01/26/2004	Analyzed: 01/23/2004 10:04

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.7	25.4	25	90.8	101.6	11.2	65-165	20		
Benzene	23.8	27.0	25	95.2	108.0	12.6	69-129	20		
Toluene	24.0	26.1	25	96.0	104.4	8.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	411	402	500	82.2	80.4		76-130			
Toluene-d8	444	461	500	88.8	92.2		78-115			

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040113-AC1
97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Batch QC Report			
Prep(s): 8030B	Batch #: 2004-01-0421		
Laboratory/Control Spike	Water	QC Batch #: 2004/01/26-2B-02	
LCS: 2004/01/26-2B-01-002	Extracted: 01/26/2004	Analyzed: 01/26/2004 13:22	
LCSD: 2004/01/26-2B-01-024	Extracted: 01/26/2004	Analyzed: 01/26/2004 13:22	

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	26.3	26.2	25	105.2	104.8	0.4	65-165	20		
Benzene	27.1	26.7	25	108.4	106.8	1.5	69-129	20		
Toluene	27.1	26.8	25	108.4	107.2	1.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	420	423	500	84.0	84.6		76-130			
Toluene-d8	451	440	500	90.2	88.0		78-115			

Gas/BTEX/MTBE by 8260B (C6-C12)

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97093397

Received: 01/15/2004 16:58

Site: 2703 Martin Luther King Jr. Way, Oakland

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

SHELL Chain Of Custody Record

82040

LAB:

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:

SCIENCE & ENGINEERING
 TECHNICAL SERVICES
 CRMT HOUSTON

Karen Petryna

2004-01-0421

INCIDENT NUMBER (S&E ONLY)

9 7 0 9 3 3 9 7

S&E or CRMT NUMBER (TS/CRMT)

DATE: 1/13/04

PAGE: 2 of 2

SAMPLING COMPANY Blaine Tech Services	LOG CODE BTSS	SITE ADDRESS (Street and City) 2703 Martin Luther King Jr. Way, Oakland	GLOBAL ID NO. T0600101876
ADDRESS 1880 Rogers Avenue, San Jose, CA 95112	TOP DELIVERABLE TO (Responsible Party or Designee) Ana Friel		CONSULTANT PROJECT NO. BTS # 04013-ACU
PROJECT CONTACT (Name and Title) Leon Gearhart	PHONE NO. (408) 442-2700	EMAIL sonomaedf@cambridge-env.com	
TELEPHONE 408-573-0555	FAX 408-573-7771	EMAIL lgearhart@blainetech.com	LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):
 10 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY: _____ GCMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____ SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EOD IS NOT NEEDED <input type="checkbox"/>	<p>REQUESTED ANALYSIS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">TPH - Gas, Purgeable</th> <th style="width: 5%;">BTEX</th> <th style="width: 5%;">MTBE (0.25B - 5ppb RL)</th> <th style="width: 5%;">MTBE (0.50B - 0.5ppb RL)</th> <th style="width: 5%;">Oxyaromatics (O) by (0.250B)</th> <th style="width: 5%;">Ethanol (0.250B)</th> <th style="width: 5%;">Methanol</th> <th style="width: 5%;">1,2-DCA (0.250B)</th> <th style="width: 5%;">EDB (0.250B)</th> <th style="width: 5%;">TPH - Diesel, Extractable (0.15M)</th> </tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td> </tr> </table>	TPH - Gas, Purgeable	BTEX	MTBE (0.25B - 5ppb RL)	MTBE (0.50B - 0.5ppb RL)	Oxyaromatics (O) by (0.250B)	Ethanol (0.250B)	Methanol	1,2-DCA (0.250B)	EDB (0.250B)	TPH - Diesel, Extractable (0.15M)											<p>FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes</p> <p style="font-size: 24pt; font-weight: bold;">2.5</p>
TPH - Gas, Purgeable	BTEX	MTBE (0.25B - 5ppb RL)	MTBE (0.50B - 0.5ppb RL)	Oxyaromatics (O) by (0.250B)	Ethanol (0.250B)	Methanol	1,2-DCA (0.250B)	EDB (0.250B)	TPH - Diesel, Extractable (0.15M)													

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (0.25B - 5ppb RL)	MTBE (0.50B - 0.5ppb RL)	Oxyaromatics (O) by (0.250B)	Ethanol (0.250B)	Methanol	1,2-DCA (0.250B)	EDB (0.250B)	TPH - Diesel, Extractable (0.15M)	TEMPERATURE ON RECEIPT C°
		DATE	TIME													
	MW-1	1/13	1210	W	3	X	X	X								
	MW-2		1220			X	X	X								
	MW-3		1230			X	X	X								
	MW-4		1240			X	X	X								
	MW-5		1250			X	X	X								
	V-1		1300			X	X	X								
	V-2		1310			X	X	X								

Requested by (Signature) <i>Charles...</i>	Received by (Signature) <i>[Signature]</i>	Date <u>1/15/04</u>	Time <u>1538</u>
Requested by (Signature) <i>[Signature]</i>	Received by (Signature) <i>[Signature]</i>	Date <u>01/15/04</u>	Time <u>1658</u>
Requested by (Signature)	Received by (Signature)	Date	Time