Shell Oil Products US

July 2, 2003

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

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 2003 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

Karen Petryna
Sr. Environmental Engineer

P.O. Box 7869 Burbank, CA 91510-7869 Phone (559) 645-9306 Facsimile (559) 645-5643

CAMBRIA

July 2, 2003

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

Re: **Groundwater Monitoring Report - Second Quarter 2003**
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.

SECOND QUARTER 2003 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells, measured dissolved oxygen (DO) concentrations in selected wells, and prepared a summary table of field gauging data and petroleum hydrocarbon and methyl tertiary butyl ether concentrations. Cambria prepared an area well 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 well V-2 to enhance intrinsic biodegradation at the site. ORCs were replaced in V-2 during the second quarter 2003. In addition, as noted in our December 6, 2002 *Fourth Quarter 2002 Monitoring Report*, ORCs were installed well MW-5. DO measurements are included on the Blaine table in Appendix A.

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

Cambria Environmental Technology, Inc.

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

ANTICIPATED THIRD QUARTER 2003 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample the site wells according to the existing sampling schedule, measure DO concentrations in all wells, and tabulate the data. Cambria will prepare a groundwater monitoring report.

Other Activities: On June 21, 2002, Cambria submitted a *Subsurface Investigation Report* to the ACHCSA outlining several recommendations for the site, including SCM development, cross-sectional diagram preparation, and a door-to-door basement survey. Following completion of these items, Cambria recommended soil-vapor sample collection. Pursuant to an October 8, 2002 telephone conversation between Mr. Don Hwang of the ACHCSA and Jacquelyn Jones of Cambria, the cross-sectional diagrams and survey data will be provided to the ACHCSA prior to determination of vapor sampling applicability. Based on this, Cambria has completed cross-sectional diagrams of the site using available boring logs and historical soil analytical results to identify potential source areas onsite. Cambria has also completed a 500-foot door-to-door basement and tank survey to identify any potential sensitive receptors or additional sources (including domestic wells, basements or underground heating or oil tanks) in the immediate site vicinity. Development of the basement and tank survey report and SCM are currently in progress and will be submitted under separate cover, together with the cross sections.

06/02/03

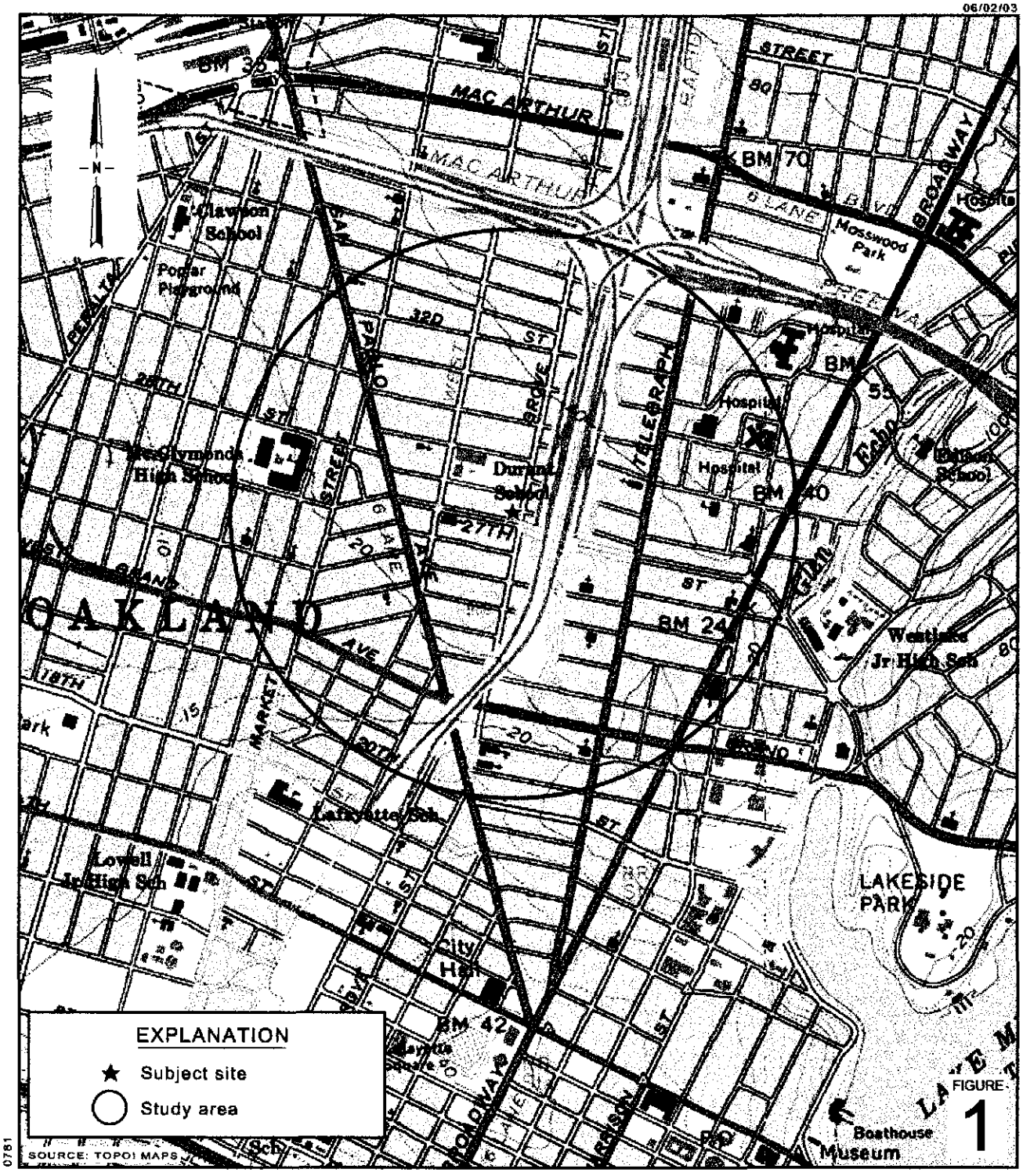


FIGURE 1

Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
Incident #97093397

CAMBRIA

Area Well Survey

(1/2 - Mile Radius)

03-Jun-03

Groundwater Contour/ Chemical Concentration Map

April 17, 2003

CAMBRIA

residential

service bays

vent lines

office

wooden carport

MW-5
22.93
(9,700)
(<500)

MW-1
21.77
(<0.50)
(<5.0)

V-1
23.26
(<0.50)
(<5.0)

former dispenser areas

former USTs

MW-4
22.54
(810)
(<50)

Former Shell Station
2703 Martin Luther King

V-2
22.87
(2,000)
(<100)

MW-2
21.53
(<0.50)
(<5.0)

MW-3
21.53
(<0.50)
(<5.0)

22.80
22.40
22.00
21.60

MARTIN LUTHER KING JR. WAY

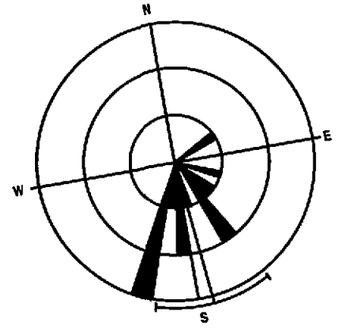
27th STREET

SS
7' Depth
3.5' Depth
SD (9' Depth)
SS (5.5' Depth)
5' Depth
SS (9' Depth)

EXPLANATION

- MW-1 — Monitoring well location
- V-1 — Soil vapor well location, not used for contouring
- * — Data anomalous, not used for contouring
- Approximate groundwater flow direction
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred
- MW-1 — Well designation
- 21.77 — Groundwater elevation, in feet above msl
- (<0.50) — Benzene and MTBE concentrations are in parts per billion (ppb)
- (<5.0)
- Storm drain
- Sanitary sewer line
- Flow direction indicator

Approximate hydraulic gradient = 0.017



Groundwater Flow Direction
(2Q00 through 2Q03)

0 10 20 40
Scale (ft)

FIGURE

2

Former Shell Service Station

2703 Martin Luther King Jr. Way

Oakland, California

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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

May 28, 2003

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

Second Quarter 2003 Groundwater Monitoring at
Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, CA

Monitoring performed on April 17, 2003

Groundwater Monitoring Report **030417-BA-3**

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-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
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

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-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-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
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-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

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-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-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
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**
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

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	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
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

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	**04/17/2003**	**<50**	**<0.50**	**<0.50**	**<0.50**	**1.2**	**NA**	**<5.0**	**29.26**	**6.00**	**23.26**	**1.3**
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

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	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
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**

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)

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.
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.

SEVERN TRENT STL

Submission#: 2003-04-0455

Blaine Tech Services, Inc.

May 06, 2003

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

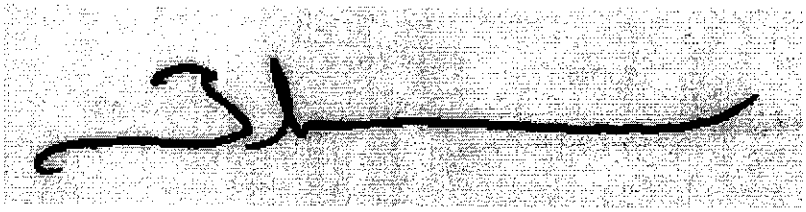
Project#: 030417-BA3
Project: 97093397
Site: 2703 Martin Luther King Jr. Oakland

Dear Mr.Gearhart,

Attached is our report for your samples received on 04/17/2003 16:46
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 06/01/2003 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: tgranicher@stl-inc.com

Sincerely,



Tod Granicher
Project Manager

SEVERN TRENT STL

Submission #: 2003-04-0455

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: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	04/17/2003 12:45	Water	1
MW-2	04/17/2003 13:00	Water	2
MW-3	04/17/2003 13:15	Water	3
MW-4	04/17/2003 13:30	Water	4
MW-5	04/17/2003 14:15	Water	5
V-1	04/17/2003 14:05	Water	6
V-2	04/17/2003 13:45	Water	7

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

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

Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Prep(s): 5030B Test(s): 8260B/GAS

Sample ID: MW-1 Lab ID: 2003-04-0455

Sampled: 04/17/2003 12:45 Extracted: 04/30/2003 03:43

Matrix: Water Batch#: 2003/04/29-2A.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/30/2003 03:43	
Benzene	ND	0.50	ug/L	1.00	04/30/2003 03:43	
Toluene	ND	0.50	ug/L	1.00	04/30/2003 03:43	
Ethylbenzene	ND	0.50	ug/L	1.00	04/30/2003 03:43	
Total xylenes	ND	1.0	ug/L	1.00	04/30/2003 03:43	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	04/30/2003 03:43	
Surrogates(s)						
1,2-Dichloroethane-d4	92.6	76-114	%	1.00	04/30/2003 03:43	
Toluene-d8	92.6	88-110	%	1.00	04/30/2003 03:43	

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: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Prep(SW): 5030B
Sample ID: MW-2
Sampled: 04/17/2003 12:10
Matrix: Water

Anal(SW): 8260B
Lab ID: 2003-04-0455-4
Extracted: 04/30/2003 00:00
QC Batch#: 2003/04/24-2A.02

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/30/2003 04:05	
Benzene	ND	0.50	ug/L	1.00	04/30/2003 04:05	
Toluene	ND	0.50	ug/L	1.00	04/30/2003 04:05	
Ethylbenzene	0.98	0.50	ug/L	1.00	04/30/2003 04:05	
Total xylenes	2.5	1.0	ug/L	1.00	04/30/2003 04:05	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	04/30/2003 04:05	
Surrogates(s)						
1,2-Dichloroethane-d4	96.7	76-114	%	1.00	04/30/2003 04:05	
Toluene-d8	92.8	88-110	%	1.00	04/30/2003 04:05	

SEVERN TRENT STL

Submission #: 2003-04-0455

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: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Prep(s):	5030B	Test(s):	[illegible]
Sample ID:	MW-3	Lab ID:	[illegible]
Sampled:	04/17/2003 [illegible]	Extracted:	4/30/2003 [illegible]
Matrix:	Water	QC Batch#:	[illegible]

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/30/2003 04:27	
Benzene	ND	0.50	ug/L	1.00	04/30/2003 04:27	
Toluene	ND	0.50	ug/L	1.00	04/30/2003 04:27	
Ethylbenzene	ND	0.50	ug/L	1.00	04/30/2003 04:27	
Total xylenes	ND	1.0	ug/L	1.00	04/30/2003 04:27	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	04/30/2003 04:27	
Surrogates(s)						
1,2-Dichloroethane-d4	97.8	76-114	%	1.00	04/30/2003 04:27	
Toluene-d8	96.8	88-110	%	1.00	04/30/2003 04:27	

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

Blaine Tech Services, Inc.

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Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

[redacted]

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3700	500	ug/L	10.00	05/01/2003 11:33	
Benzene	810	5.0	ug/L	10.00	05/01/2003 11:33	
Toluene	ND	5.0	ug/L	10.00	05/01/2003 11:33	
Ethylbenzene	140	5.0	ug/L	10.00	05/01/2003 11:33	
Total xylenes	17	10	ug/L	10.00	05/01/2003 11:33	
Methyl tert-butyl ether (MTBE)	ND	50	ug/L	10.00	05/01/2003 11:33	
Surrogates(s)						
1,2-Dichloroethane-d4	107.1	76-114	%	10.00	05/01/2003 11:33	
Toluene-d8	100.9	88-110	%	10.00	05/01/2003 11:33	

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

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Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Prep(s): 5030B
Sample ID: MW-5
Sampled: 04/17/2003 12:35
Matrix: Water
Analysis Flag: 0 (See Legend and Note Section)

Test(s): 8260B/5
Lab ID: 2003-04-0455
Extracted: 04/30/2003 05:11
QC Batch #: 2003/04/29-2A.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	93000	5000	ug/L	100.00	04/30/2003 05:11	
Benzene	9700	50	ug/L	100.00	04/30/2003 05:11	
Toluene	16000	50	ug/L	100.00	04/30/2003 05:11	
Ethylbenzene	3200	50	ug/L	100.00	04/30/2003 05:11	
Total xylenes	20000	100	ug/L	100.00	04/30/2003 05:11	
Methyl tert-butyl ether (MTBE)	ND	500	ug/L	100.00	04/30/2003 05:11	
Surrogates(s)						
1,2-Dichloroethane-d4	92.1	76-114	%	100.00	04/30/2003 05:11	
Toluene-d8	97.3	88-110	%	100.00	04/30/2003 05:11	

SEVERN TRENT STL

Submission #: 2003-04-0455

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Prep(s):	[illegible]	Test(s):	[illegible]
Sample ID:	[illegible]	Lab ID:	2003-04-0455-[illegible]
Sampled:	04/17/2003 [illegible]	Extracted:	[illegible]
Matrix:	Water	QC Batch#:	[illegible]

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/01/2003 11:55	
Benzene	ND	0.50	ug/L	1.00	05/01/2003 11:55	
Toluene	ND	0.50	ug/L	1.00	05/01/2003 11:55	
Ethylbenzene	ND	0.50	ug/L	1.00	05/01/2003 11:55	
Total xylenes	1.2	1.0	ug/L	1.00	05/01/2003 11:55	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	05/01/2003 11:55	
Surrogates(s)						
1,2-Dichloroethane-d4	103.8	76-114	%	1.00	05/01/2003 11:55	
Toluene-d8	99.2	88-110	%	1.00	05/01/2003 11:55	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	V-2	Lab ID:	2003-04-0455-[illegible]
Sampled:	04/17/2003 13:45	Extracted:	[illegible]
Matrix:	Water	QC Batch#:	2003/05/01-[illegible]

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	26000	1000	ug/L	20.00	05/01/2003 12:17	
Benzene	2000	10	ug/L	20.00	05/01/2003 12:17	
Toluene	570	10	ug/L	20.00	05/01/2003 12:17	
Ethylbenzene	750	10	ug/L	20.00	05/01/2003 12:17	
Total xylenes	6000	20	ug/L	20.00	05/01/2003 12:17	
Methyl tert-butyl ether (MTBE)	ND	100	ug/L	20.00	05/01/2003 12:17	
Surrogates(s)						
1,2-Dichloroethane-d4	105.9	76-114	%	20.00	05/01/2003 12:17	
Toluene-d8	99.6	88-110	%	20.00	05/01/2003 12:17	

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: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Batch QC Report

Prep(s): 5030B Test(s): 8260B LAB

Method Blank Water QC Batch#: 2003/04/29-2A.65

MB 2003/04/29-2A.65 Date Extracted: 04/29/2003 21:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/29/2003 21:49	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	04/29/2003 21:49	
Benzene	ND	0.5	ug/L	04/29/2003 21:49	
Toluene	ND	0.5	ug/L	04/29/2003 21:49	
Ethylbenzene	ND	0.5	ug/L	04/29/2003 21:49	
Total xylenes	ND	1.0	ug/L	04/29/2003 21:49	
Surrogates(s)					
1,2-Dichloroethane-d4	93.6	76-114	%	04/29/2003 21:49	
Toluene-d8	93.6	88-110	%	04/29/2003 21:49	

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

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Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — Water — QC Batch #: 2003/04/29-1A.65

MB: 2003/04/29-1A.65-050 — Date Extracted: 04/29/2003 21:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/29/2003 21:49	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	04/29/2003 21:49	
Benzene	ND	0.5	ug/L	04/29/2003 21:49	
Toluene	ND	0.5	ug/L	04/29/2003 21:49	
Ethylbenzene	ND	0.5	ug/L	04/29/2003 21:49	
Total xylenes	ND	1.0	ug/L	04/29/2003 21:49	
Surrogates(s)					
1,2-Dichloroethane-d4	93.6	76-114	%	04/29/2003 21:49	
Toluene-d8	93.6	88-110	%	04/29/2003 21:49	

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

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Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Batch QC Report

Prep(S): 5030B

Method Blank

Water

Test: 8260BEAB

QC Batch #: 2003/05/01-1a.64

MB: 2003/05/01-1a.64-003

Date Extracted: 05/01/2003 11:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/01/2003 11:06	
Benzene	ND	0.5	ug/L	05/01/2003 11:06	
Toluene	ND	0.5	ug/L	05/01/2003 11:06	
Ethylbenzene	ND	0.5	ug/L	05/01/2003 11:06	
Total xylenes	ND	1.0	ug/L	05/01/2003 11:06	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	05/01/2003 11:06	
Surrogates(s)					
1,2-Dichloroethane-d4	109.4	76-114	%	05/01/2003 11:06	
Toluene-d8	98.0	88-110	%	05/01/2003 11:06	

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: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Batch QC Report

Prep(s): 5030B Test(s): 8260/MS

Laboratory Control Spike Water QC Batch #: 2003/04/29-V2.66

LCS: 2003/04/29-V2.66-049 Extracted: 04/29/2003 Analyzed: 04/29/2003 21:04

LCSD: 2003/04/29-V2.66-002 Extracted: 04/29/2003 Analyzed: 04/29/2003 21:27

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	32.1	30.1	25	128.4	120.4	6.4	65-165	20		
Benzene	25.3	25.3	25	101.2	101.2	0.0	69-129	20		
Toluene	24.3	25.1	25	97.2	100.4	3.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	473	455	500	94.6	91.0		76-114			
Toluene-d8	484	496	500	96.8	99.2		88-110			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch #: 2003/04/29-2a.65

LCS: 2003/04/29-2a.65.040

Extracted: 04/29/2003

Analyzed: 04/29/2003 21:04

LCSD: 2003/04/29-2a.65.041

Extracted: 04/29/2003

Analyzed: 04/29/2003 21:27

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	32.1	30.1	25	128.4	120.4	6.4	65-165	20		
Benzene	25.3	25.3	25	101.2	101.2	0.0	69-129	20		
Toluene	24.3	25.1	25	97.2	100.4	3.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	473	455	500	94.6	91.0		76-114			
Toluene-d8	484	496	500	96.8	99.2		88-110			

SEVERN TRENT STL

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

Blaine Tech Services, Inc.

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Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Batch QC Report

Prep(s): 5030B | Test(s): 8260FAB

Laboratory Control Spike | Water | QC Batch #: 2003/05/01-1a.64

LCS: 2003/05/01-1a.64-002 | Extracted: 05/01/2003 | Analyzed: 05/01/2003 [illegible]

LCSD: 2003/05/01-1a.64-001 | Extracted: 05/01/2003 | Analyzed: 05/01/2003 [illegible]

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	22.9	22.1	25	91.6	88.4	3.6	69-129	20		
Toluene	23.2	22.4	25	92.8	89.6	3.5	70-130	20		
Methyl tert-butyl ether (MTBE)	24.4	25.3	25	97.6	101.2	3.6	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	496	501	500	99.2	100.2		76-114			
Toluene-d8	490	470	500	98.0	94.0		88-110			

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

Blaine Tech Services, Inc.

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Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Batch QC Report

Prep(s): 5030B   Test(s): 8260FAB

Matrix Spike (MS / MSD)   Water   QC Batch # 2003/04/29-V2.65

[illegible] MS   Lab ID: 2003-04-05[illegible]-001

MS: 2003/04/29-V2.65-047   Extracted: 04/29/2003   Analyzed: 04/29/2003 23:17
Dilution: 1.00

MSD: 2003/04/29-V2.65-048   Extracted: 04/29/2003   Analyzed: 04/29/2003 23:39
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	30.6	30.3	ND	25	122.4	121.2	1.0	65-165	20		
Benzene	24.0	24.6	ND	25	96.0	98.4	2.5	69-129	20		
Toluene	24.2	24.1	ND	25	96.8	96.4	0.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	440	445		500	88.1	89.0		76-114			
Toluene-d8	495	477		500	98.9	95.4		88-110			

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

Blaine Tech Services, Inc.

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Project: 030417-BA3
97093397

Received: 04/17/2003 16:46

Site: 2703 Martin Luther King Jr. Oakland

Legend and Notes

Analysis Flag

o

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

LAB: [illegible]

SHELL Chain Of Custody Record

Lab Identification (if necessary):
Address:
City, State, Zip:

Shell Project Manager to be Invoiced:
- [x] [illegible]
- [ ] [illegible]
- [ ] [illegible]

Karen Petryna

2003-04-0455

INCIDENT NUMBER (ES ONLY): 9 7 0 9 3 3 9 7

SAP or CRMT NUMBER (TS/CRMT): [redacted]

DATE: 4/17/03

PAGE: 1 of 1

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: 1680 Rogers Avenue, San Jose, CA 95112		EDF DELIVERABLE TO (Responsible Party or Designee): Anni Kreml	PHONE NO.: 510-420-3335
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart		E-MAIL: ShellOaklandEDF@cambria-env.com	CONSULTANT PROJECT NO.: 030417-BA3 BTS #
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: lgearhart@blainetech.com	SAMPLER NAME(S) (Print): Brad Alcorn

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

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY: ____

GC/MS MTBE CONFIRMATION: HIGHEST ____ HIGHEST per BORING ____ ALL ____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED [ ]

LAB USE ONLY

REQUESTED ANALYSIS

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°: 4.0°c

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)		TPH - Diesel, Extractable (8015m)										FIELD NOTES
	MW-1	4/17	1245	W	3	X	X	X																		
	MW-2	↓	1300	↓	↓	X	X	X																		
	MW-3		1315			X	X	X																		
	MW-4		1330			X	X	X																		
	MW-5		1415			X	X	X																		
	V-1		1405			X	X	X																		
	V-2	↓	1345	↓	↓	X	X	X																		

Relinquished by: (Signature) [signature]	Received by: (Signature) [signature]	Date: 4/17/03	Time: 1646
Relinquished by: (Signature) [signature] 4/17/03 1812	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) [signature]	Date: 4/17/03	Time: 18:12

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

10/16/00 Revision

WELL GAUGING DATA

Project # 030417-BA3 Date 4/17/03 Client SHELL

Site 2703 MARTIN LUTHER KING JR. WAY, OAKLAND

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					7.76	20.02	TOC	
MW-2	2					6.94	19.04		
MW-3	4					6.77	20.00		
MW-4	4					5.97	19.90		
MW-5	4					6.61	19.97		
V-1	2					6.00	12.10		
V-2	2					5.93	12.60		

SHELL WELL MONITORING DATA SHEET

BTS #: 030417-BA3	Site: 2703 MARTIN LUTHER KING JR, WAY, OAKLAND
Sampler: BRIAN ALCORN	Date: 4/17/03
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 20.02	Depth to Water (DTW): 7.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

___ (Gals.) X	No Purge	= ___ Gals.
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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1245	69.3	7.0	1,412	5	✓	clear

Did well dewater? Yes No Gallons actually evacuated: ✓

Sampling Date: 4/17/03 Sampling Time: 1245 Depth to Water: 7.76

Sample I.D.: MW-1 Laboratory: Kiff SPL Other STL San Francisco

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

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

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

D.O. (if req'd):	Pre-purge:		mg/L	(Post-purge:)	1.7 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

STS #: 030417-BA3	Site: 2703 MARTIN LUTHER KING JR WAY, OAKLAND
Sampler: BRIAN ALCORN	Date: 4/17/03
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 19.04	Depth to Water (DTW): 6.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other

Case Volume	(Gals.) X	Specified Volumes	=	Calculated Volume	Gals.
		NO PURGE			

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1300	67.6	7.2	1,061	11		very mild odor, clear

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/17/03 Sampling Time: 1300 Depth to Water: 6.94

Sample I.D.: MW-2 Laboratory: Kiff SPL Other STL SAN FRANCISCO

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

D.U.P. I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 030417-BA3	Site: 2703 MARTIN LUTHER KING JR. WAY, OAKLAND
Sampler: BRIAN ALCORN	Date: 4/17/03
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 20.00	Depth to Water (DTW): 6.77
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other

Case Volume	(Gals.) X	Specified Volumes	=	Calculated Volume	Gals.
		NO PURGE			

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1315	66.2	7.0	1252	5		clear

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/17/03 Sampling Time: 1315 Depth to Water: 6.77

Sample I.D.: MW-3 Laboratory: Kiff SPL Other STL SAN FRANCISCO

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

DUP I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 030417-BA3	Site: 2703 MARTIN LUTHER KING JR WAY, OAKLAND
Sampler: BRIAN ALCORN	Date: 4/17/03
Well I.D.: MW-4	Well Diameter: 2 3 4 6 8 ___
Total Well Depth (TD): 19.90	Depth to Water (DTW): 5.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

___ (Gals.) X NO PURGE = ___ Gals.
Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1330	65.3	6.9	1756	3		clear, odor

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/17/03 Sampling Time: 1330 Depth to Water: 5.97

Sample I.D.: MW-4 Laboratory: Kiff SPL Other STL SAN FRANCISCO

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

@ Time

MS I.D. (if applicable): Duplicate I.D. (if applicable):

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 030417-BA3	Site: 2703 MARTIN LUTHER KING JR, WAY, OAKLAND
Sampler: BRIAN ALCORN	Date: 4/17/03
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.97	Depth to Water (DTW): 6.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:

___ (Gals.) X	No Purge	= ___ Gals.
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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1415	64.5	7.0	1,760	19	/	clear, strong odor, debris
NEW DRCs PLACED IN WELL						

Did well dewater? Yes No Gallons actually evacuated: /

Sampling Date: 4/17/03 Sampling Time: 1415 ~~1515~~ Depth to Water: 6.61

Sample I.D.: ~~MW-3~~ MW-5 Laboratory: Kiff SPL Other STL San Francisco

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

TB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

D.O. (if req'd):	Pre-purge:		mg/L	Post-purge:	0.8 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 030417-BA3	Site: 2703 MARTIN LUTHER KING JR WAY, OAKLAND
Sampler: BRIAN ALCORN	Date: 4/17/03
Well I.D.: V-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 12.10	Depth to Water (DTW): 6.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:

Case Volume	(Gals.) X	Specified Volumes	=	Calculated Volume	Gals.
		NO PURGE			

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1405	66.3	7.2	1,730	5		clear, very mild odor

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 4/17/03 Sampling Time: 1405 Depth to Water: 6.00

Sample I.D.: V-1 Laboratory: Kiff SPL Other STL SAN FRANCISCO

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

@ Time

3 I.D. (if applicable): Duplicate I.D. (if applicable):

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.3	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

STS #: 030417-BA3	Site: 2703 MARTIN LUTHER KING JR WAY, OAKLAND
Sampler: BRIAN ALCORN	Date: 4/17/03
Well I.D.: J-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 12.00	Depth to Water (DTW): 5.93
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: /	

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ___

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ___

/ (Gals.) X No Purge = / Gals.
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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1345	64.7	7.7	1,409	112	/	light sheen cloudy grey, odor
NEW ORCs PLACED IN WELL						

Did well dewater? Yes No Gallons actually evacuated: /

Sampling Date: 4/17/03 Sampling Time: 1345 Depth to Water:

Sample I.D.: J-2 Laboratory: Kiff SPL Other STL SAN FRANCISCO

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

TB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

D.O. (if req'd):	Pre-purge:		mg/L	(Post-purge:)	1.1 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

WELLHEAD INSPECTION CHECKLIST

ent SHELL Date 4/17/03

e Address 2703 MARTIN LUTHER KING JR WAY, OAKLAND

) Number 030417-BA3 Technician BRIAN ALCORN

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	✓							
MW-2	✓							
MW-3	✓							
MW-4	✓							
MW-5	✓							
V-1		✓						
V-2	✓							

NOTES:

SITE INSPECTION CHECKLIST

lient Shell Date 4/2/03

ite Address 2703 MLK Jr. Blvd., Oakland, CA

ob Number 030402-M61 Technician MG

ite Status _____ Branded Station Vacant Lot (Other) Mechanic's Shop

ıspected / Labeled / Cleaned - All Wells on Scope Of Work	☒	
ıspected / Cleaned Components - All Other Identifiable Wells	☐	(N/A)
ıspected Site for Investigation Related Trip Hazards	☒	
ıddressed All Outstanding Wellhead Repair Order(s)	☒	N/A
:ompleted Repair Data Sheets(s)	☒	N/A
nspected Treatment / Remediation System Compound For Security, :leanliness and Appearance	☐	(N/A)
nspected Vacant Lot for Signs of Habitation, Hazardous Materials or 'errain, Overgrown Vegetation and Security	☐	(N/A)

PLEASE BE ADVISED THAT, UNLESS OTHERWISE INSTRUCTED, NO REPAIRS ARE PLANNED FOR THE ISSUES DESCRIBED BELOW

Outstanding Problems / Comments (In addition to other issues, note all SOW wellboxes that, by design, are not securable)

PROJECT COORDINATOR ONLY

Checklist Reviewed LG 4/3/03 Initial/Date **Notes**

REPAIR DATA SHEET

Page 1 of ___

lient Shell Date 4/2/03

te Address 2703 MLK Jr. Blvd., Oakland, CA

ob Number 030402-MG1 Technician MG

Repair Location MW-1

Deficiencies Corrected Missing one bolt, one bolt stripped. Tapped + added two new bolts. Cracked Apron is OK for now. Lock rusted stuck, new lock.

Materials Used 2 bolts, lock

Repair Location MW-2

Deficiencies Corrected Bolts bad, one hole bad. Tapped + added 2 new bolts. Locbz rusted stucky new lock.

Materials Used 2 bolts, lock

Repair Location V-1

Deficiencies Corrected Bolts bad, lock rusted stuck. Tapped + added 2 new bolts, new locbz.

Materials Used 2 bolts, lock

Repair Location V-2

Deficiencies Corrected Bolts bad. Tapped + added 2 new bolts.

Materials Used 2 bolts

Repair Location MW-5

Deficiencies Corrected Dolphin locbz - Added new 2357 locbz

Materials Used Lock

Repair Location

Deficiencies Corrected

Materials Used