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Shell Oil Products US

Alameda County

FEB 18 2004

February 17, 2004 ~~Environment / Health~~

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

Subject: Former Shell Service Station/Current KFC Restaurant
2800 Telegraph Avenue
Oakland, California

Dear Mr. Hwang:

Attached for your review and comment is a copy of the *Fourth Quarter 2003 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

FEB 18 2004

Environmental Health

February 17, 2004

Don Hwang
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Groundwater Monitoring Report – Fourth Quarter 2003**
Former Shell Service Station/Current KFC Restaurant
2800 Telegraph Avenue
Oakland, California
Incident No. 97093398
Fuel Leak Case No. RO0000009



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, and as requested in the Alameda County Health Care Services (ACHCS) letter dated September 3, 2003.

FOURTH QUARTER 2003 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells and prepared a summary table of field gauging data and petroleum hydrocarbon and methyl tertiary butyl ether (MTBE) concentrations. Cambria prepared a table of additional groundwater data (Table 1), an area well survey map (Figure 1), and a groundwater contour/chemical concentration map (Figure 2). Blaine's report, presenting the laboratory reports and supporting field documents for development and sampling, is included as Appendix A. As requested in the ACHCS letter, Figure 2 includes a rose diagram that compiles the historical groundwater flow direction for the site. The rose diagram shows the general flow direction to the south-southwest, and confirms that the groundwater flow direction has not significantly changed since 1989.

ANTICIPATED FIRST QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample the wells in accordance with the established schedule and Cambria will prepare a report. Based on the results of the analyses for the five fuel oxygenates, two lead scavengers and ethanol, **Cambria recommends that future**

Cambria
Environmental
Technology, Inc.

270 Perkins Street
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Sonoma, CA 95476
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C A M B R I A

monitoring events include analyses only for total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes and MTBE. This recommendation will be implemented during the second quarter monitoring event, unless the ACHCS responds otherwise.

Investigation Activities: In the *Agency Response and Utility Conduit Investigation Work Plan* dated November 7, 2003, Cambria proposed investigative activities to assess migration of contaminants preferentially along utility conduits within Telegraph Avenue. Cambria is prepared to begin work upon written approval of this work plan by ACHCS and receipt of an appropriate drilling and encroachment permits



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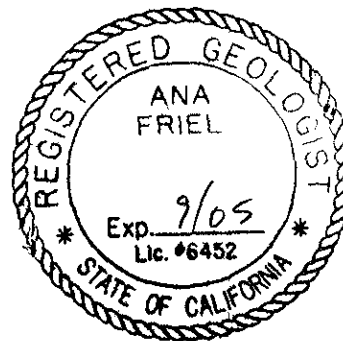
We appreciate the opportunity to work with you on this project. Please call Ana Friel at (707) 442-2700 if you have any questions or comments.

Sincerely,

Cambria Environmental Technology, Inc

Anne Wettstone
Staff Geologist

Ana Friel, RG
Senior Project Geologist



Attachments:

- Table 1. Additional Groundwater Analytical Data
- Figure 1. Area Well Survey
- Figure 2. Groundwater Contour/Chemical Concentration Map
- Appendix A. Blaine Tech Services – Groundwater Monitoring Report

cc: Karen Petryna, Shell
Harmon Management Corp.

Table 1. Additional Groundwater Analytical Data, Former Shell Service Station, 2800 Telegraph Avenue, Oakland, California

Sample ID	Date Sampled	MTBE μg/l	DIPE μg/l	ETBE μg/l	TAME μg/l	TBA μg/l	1,2-DCA μg/l	EDB μg/l	Ethanol μg/l
S-1	29-Sep-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
S-1	20-Nov-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
S-4	29-Sep-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
S-4	20-Nov-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
S-5	29-Sep-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
S-5	20-Nov-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
S-6	29-Sep-03	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250
S-6	20-Nov-03	<1.0	<4.0	<4.0	<4.0	<10	<1.0	<1.0	<100
S-8	03-Oct-03	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250
S-8	20-Nov-03	2.8	<10	<10	<10	<25	<2.5	<2.5	<250
S-10	29-Sep-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
S-10	20-Nov-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
SR-1	29-Sep-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50
SR-1	20-Nov-03	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50

Abbreviations:

MTBE = Methyl tert-butyl ether, analyzed by EPA Method 8260

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

ETBE = Ethyl tert-butyl ether, analyzed by EPA Method 8260

TAME = Tert-amyl methyl ether, analyzed by EPA Method 8260

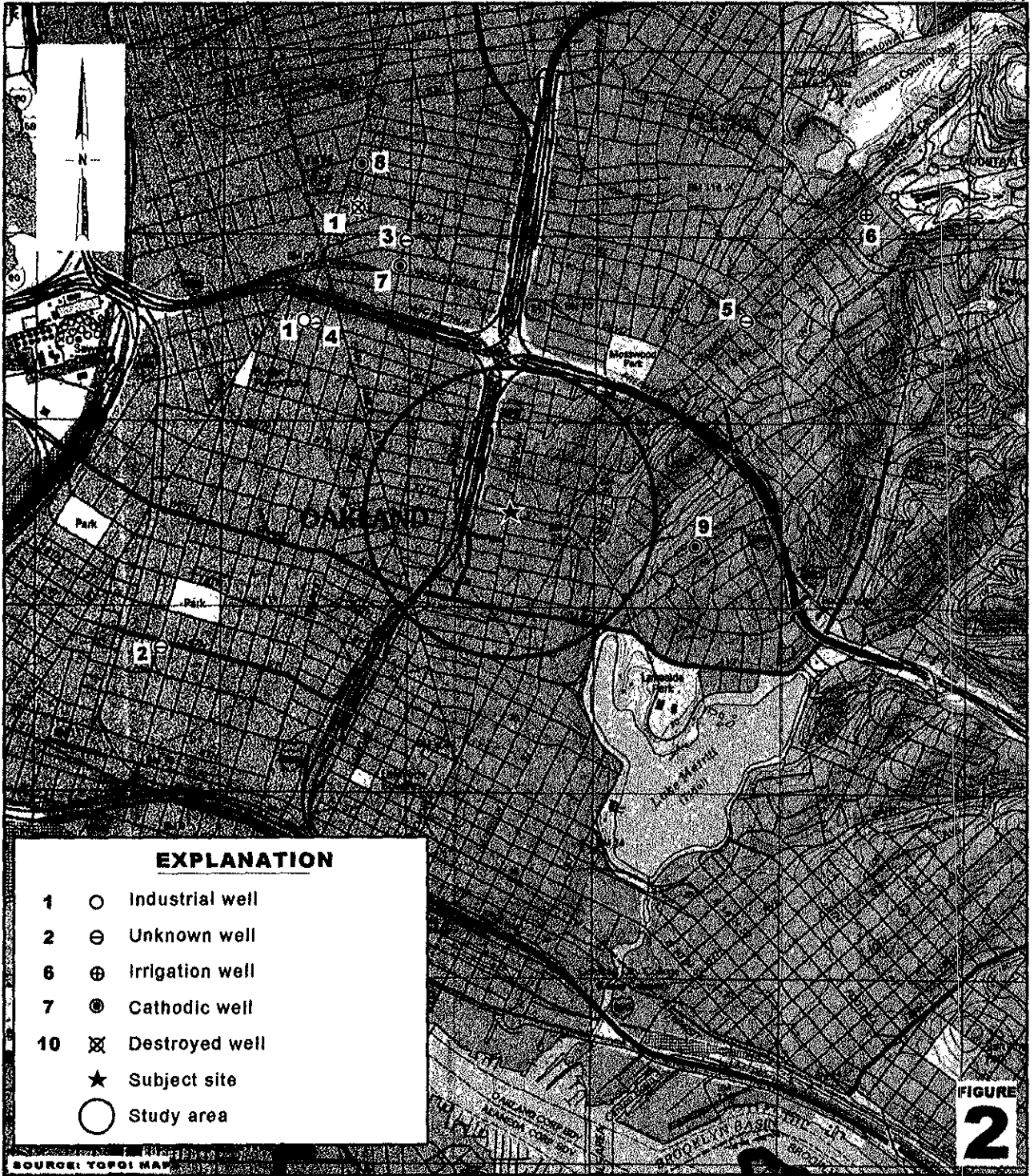
TBA = Tert-butyl alcohol, analyzed by EPA Method 8260

1,2-DCA = 1,2-dichloroethane, analyzed by EPA Method 8260

EDB = 1,2-dibromomethane or ethylene dibromide, analyzed by EPA Method 8260

Ethanol = analyzed by EPA Method 8260

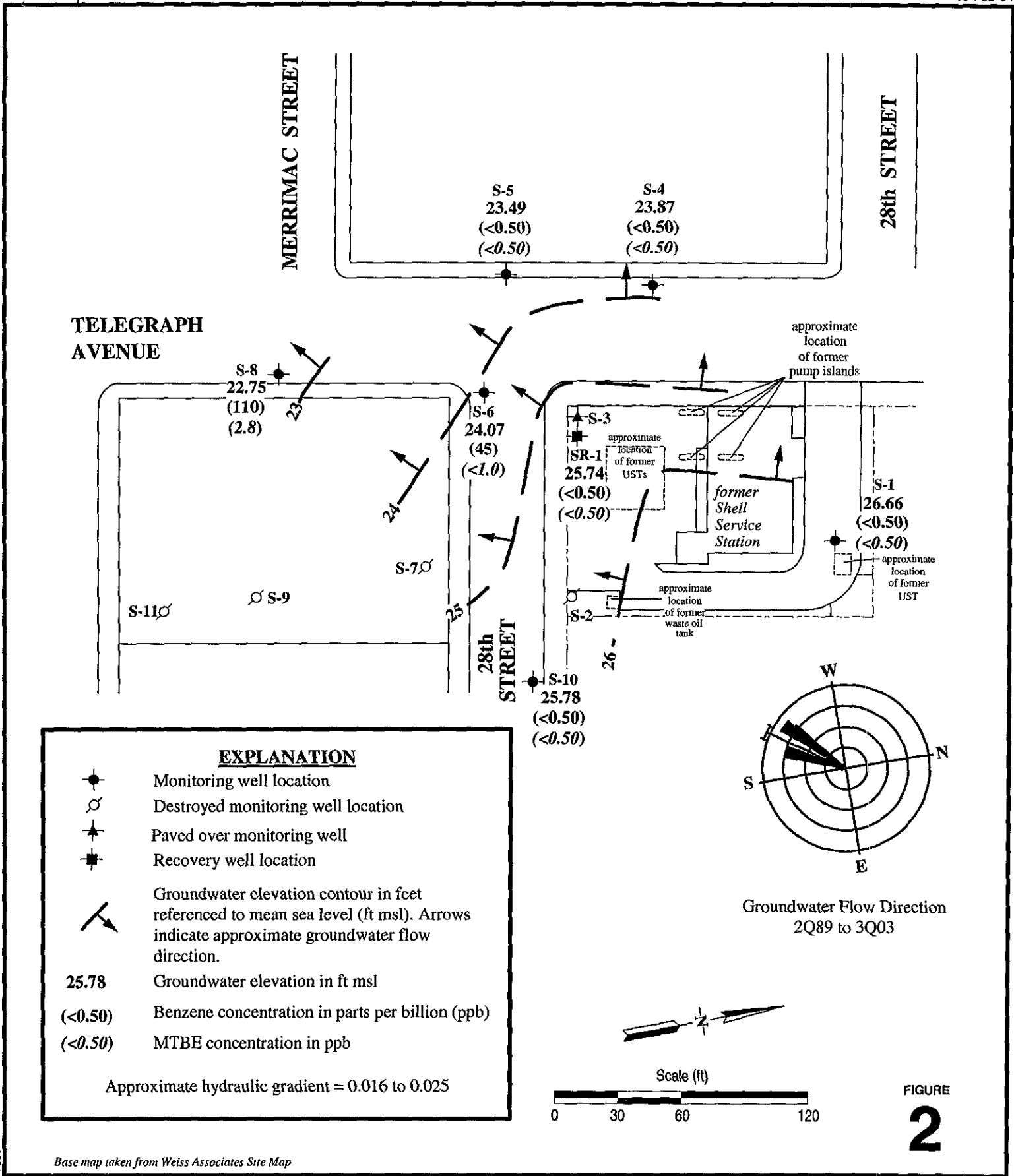
ppb = Parts per billion



Former Shell Service Station
 2800 Telegraph Avenue
 Oakland, California



Area Well Survey
 (1/2 Mile Radius)



Base map taken from Weiss Associates Site Map

**Former Shell Service Station/
 Current KFC Restaurant**

2800 Telegraph Avenue
 Oakland, California



CAMBRIA

**Groundwater Contour/Chemical
 Concentration Map**

November 20, 2003

1507

APPENDIX A

**Blaine Tech Services
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

December 12, 2003

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

Fourth Quarter 2003 Groundwater Monitoring at
Former Shell Service Station
2800 Telegraph Avenue
Oakland, CA

Monitoring performed on November 20, 2003

Groundwater Monitoring Report 031120-MD-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
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
S-1	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.50	25.81	NA
S-1	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	10.85	24.46	NA
S-1	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	10.34	24.97	NA
S-1	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	7.60	27.71	NA
S-1	06/07/1993	<50	2.8	1.3	0.7	3.0	NA	NA	35.31	8.63	26.68	NA
S-1	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.20	26.11	NA
S-1	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	10.58	24.73	NA
S-1	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	8.41	26.90	NA
S-1	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.09	26.22	NA
S-1	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	8.81	26.50	NA
S-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	35.31	9.32	25.99	NA
S-1	02/03/1995	NA	NA	NA	NA	NA	NA	NA	35.31	6.98	28.33	NA
S-1	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	35.31	9.35	25.96	NA
S-1	02/02/1996	NA	NA	NA	NA	NA	NA	NA	35.31	7.45	27.86	NA
S-1	05/04/1996	NA	NA	NA	NA	NA	NA	NA	35.31	8.91	26.40	NA
S-1	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	35.31	9.33	25.98	NA
S-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	35.31	10.11	25.20	NA
S-1	01/08/1997	NA	NA	NA	NA	NA	NA	NA	35.31	7.93	27.38	NA
S-1	04/17/1997	NA	NA	NA	NA	NA	NA	NA	35.31	8.94	26.37	NA
S-1	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	35.31	9.55	25.76	NA
S-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	35.31	9.43	25.88	NA
S-1	01/07/1998	NA	NA	NA	NA	NA	NA	NA	35.31	8.21	27.10	NA
S-1	04/02/1998	NA	NA	NA	NA	NA	NA	NA	35.31	8.27	27.04	NA
S-1	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	35.31	8.97	26.34	NA
S-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	35.31	9.89	25.42	NA
S-1	01/12/1999	NA	NA	NA	NA	NA	NA	NA	35.31	8.45	26.86	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
S-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	35.31	9.04	26.27	NA
S-1	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	35.31	9.11	26.20	NA
S-1	10/06/1999	NA	NA	NA	NA	NA	NA	NA	35.31	9.00	26.31	NA
S-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	35.31	7.31	28.00	NA
S-1	06/01/2000	NA	NA	NA	NA	NA	NA	NA	35.31	8.85	26.46	NA
S-1	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	35.31	9.50	25.81	NA
S-1	11/29/2000	NA	NA	NA	NA	NA	NA	NA	35.31	10.16	25.15	NA
S-1	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	35.31	8.16	27.15	NA
S-1	09/18/2003	NA	NA	NA	NA	NA	NA	NA	35.09	8.74	26.35	NA
S-1	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	35.09	8.79	26.30	NA
S-1	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	35.09	8.43	26.66	NA
S-2	05/04/1992	1600	190	6.0	240	54	NA	NA	33.91	9.44	24.47	NA
S-2	08/10/1992	<50	4.1	<0.5	<0.5	<0.5	NA	NA	33.91	10.73	23.18	NA
S-2	09/11/1992	84	19	0.7	2.2	4.3	NA	NA	33.91	NA	NA	NA
S-2	11/09/1992	NA	NA	NA	NA	NA	NA	NA	33.91	10.29	23.62	NA
S-2	02/23/1993	16000	1600	480	850	1800	NA	NA	33.91	9.04	24.87	NA
S-2	04/08/1993	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	05/04/1992	NA	NA	NA	NA	NA	NA	NA	33.56	9.22	24.34	NA
S-3	08/10/1992	Well paved over		NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	9.96	24.12	NA
S-4	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.32	22.76	NA
S-4	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.29	22.79	NA
S-4	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	9.82	24.26	NA
S-4	06/07/1993	50	9.2	5.5	3.3	14	NA	NA	34.08	10.51	23.57	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
S-4	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.05	23.03	NA
S-4	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	11.34	22.74	NA
S-4	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	9.93	24.15	NA
S-4	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	10.40	23.68	NA
S-4	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	10.68	23.40	NA
S-4	11/08/1994	NA	NA	NA	NA	NA	NA	NA	34.08	9.44	24.64	NA
S-4	02/03/1995	NA	NA	NA	NA	NA	NA	NA	34.08	9.18	24.90	NA
S-4	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	34.08	10.62	23.46	NA
S-4	02/02/1996	NA	NA	NA	NA	NA	NA	NA	34.08	9.23	24.85	NA
S-4	05/04/1996	NA	NA	NA	NA	NA	NA	NA	34.08	10.37	23.71	NA
S-4	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	34.08	10.69	23.39	NA
S-4	10/02/1996	NA	NA	NA	NA	NA	NA	NA	34.08	10.96	23.12	NA
S-4	01/08/1997	NA	NA	NA	NA	NA	NA	NA	34.08	9.37	24.71	NA
S-4	04/17/1997	NA	NA	NA	NA	NA	NA	NA	34.08	10.25	23.83	NA
S-4	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	34.08	10.60	23.48	NA
S-4	10/07/1997	NA	NA	NA	NA	NA	NA	NA	34.08	10.52	23.56	NA
S-4	01/07/1998	NA	NA	NA	NA	NA	NA	NA	34.08	9.79	24.29	NA
S-4	04/02/1998	NA	NA	NA	NA	NA	NA	NA	34.08	9.56	24.52	NA
S-4	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	34.08	10.51	23.57	NA
S-4	10/01/1998	NA	NA	NA	NA	NA	NA	NA	34.08	11.01	23.07	NA
S-4	01/12/1999	NA	NA	NA	NA	NA	NA	NA	34.08	10.53	23.55	NA
S-4	04/19/1999	NA	NA	NA	NA	NA	NA	NA	34.08	9.73	24.35	NA
S-4	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	34.08	10.48	23.60	NA
S-4	10/06/1999	NA	NA	NA	NA	NA	NA	NA	34.08	10.67	23.41	NA
S-4	03/07/2000	NA	NA	NA	NA	NA	NA	NA	34.08	8.99	25.09	NA
S-4	06/01/2000	NA	NA	NA	NA	NA	NA	NA	34.08	10.31	23.77	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-4	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	34.08	10.77	23.31	NA
S-4	11/29/2000	NA	NA	NA	NA	NA	NA	NA	34.08	10.97	23.11	NA
S-4	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	34.08	8.21	25.87	NA
S-4	09/18/2003	NA	NA	NA	NA	NA	NA	NA	34.01	10.23	23.78	NA
S-4	09/29/2003	<50	<0.50	<0.50	1.9	2.6	NA	<0.50	34.01	10.42	23.59	NA
S-4	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	34.01	10.14	23.87	NA

S-5	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.27	23.15	NA
S-5	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.68	22.74	NA
S-5	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.69	22.73	NA
S-5	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.45	23.97	NA
S-5	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.23	23.19	NA
S-5	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.58	22.84	NA
S-5	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.70	22.72	NA
S-5	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.75	23.67	NA
S-5	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.19	23.23	NA
S-5	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.30	23.12	NA
S-5	11/08/1994	NA	NA	NA	NA	NA	NA	NA	33.42	9.64	23.78	NA
S-5	02/03/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.59	23.83	NA
S-5	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	10.23	23.90	NA
S-5	02/02/1996	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.42	9.51	23.91	NA
S-5	05/04/1996	NA	NA	NA	NA	NA	NA	NA	33.42	10.15	23.27	NA
S-5	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	10.30	23.12	NA
S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	33.42	10.54	22.88	NA
S-5	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	9.56	23.86	NA
S-5	04/17/1997	NA	NA	NA	NA	NA	NA	NA	33.42	10.03	23.39	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
S-5	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	10.23	23.19	NA
S-5	10/07/1997	NA	NA	NA	NA	NA	NA	NA	33.42	10.25	23.17	NA
S-5	01/07/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	9.83	23.59	NA
S-5	04/02/1998	NA	NA	NA	NA	NA	NA	NA	33.42	9.73	23.69	NA
S-5	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	10.04	23.38	NA
S-5	10/01/1998	NA	NA	NA	NA	NA	NA	NA	33.42	10.91	22.51	NA
S-5	01/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	33.42	9.80	23.62	NA
S-5	04/19/1999	NA	NA	NA	NA	NA	NA	NA	33.42	9.09	24.33	NA
S-5	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.42	10.05	23.37	NA
S-5	10/06/1999	NA	NA	NA	NA	NA	NA	NA	33.42	10.30	23.12	NA
S-5	03/07/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	33.42	9.11	24.31	NA
S-5	06/01/2000	NA	NA	NA	NA	NA	NA	NA	33.42	10.11	23.31	NA
S-5	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	33.42	10.37	23.05	NA
S-5	11/29/2000	NA	NA	NA	NA	NA	NA	NA	33.42	10.56	22.86	NA
S-5	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	33.42	7.93	25.49	NA
S-5	09/18/2003	NA	NA	NA	NA	NA	NA	NA	33.26	9.87	23.39	NA
S-5	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	33.26	10.02	23.24	NA
S-5	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	33.26	9.77	23.49	NA
S-6	05/04/1992	3100	640	22	23	97	NA	NA	32.59	9.42	23.17	NA
S-6	08/10/1992	3400	430	27	26	120	NA	NA	32.59	10.40	22.19	NA
S-6	11/09/1992	2000	320	15	15	100	NA	NA	32.59	10.16	22.43	NA
S-6	02/23/1993	14000	780	180	380	1300	NA	NA	32.59	7.60	24.99	NA
S-6	06/07/1993	3900	1400	56	83	210	NA	NA	32.59	8.90	23.69	NA
S-6	08/13/1993	4000a	890	16	<0.5	41	NA	NA	32.59	9.39	23.20	NA
S-6	11/18/1993	80	5.0	<0.5	<0.5	<0.5	NA	NA	32.59	10.32	22.27	NA
S-6	02/10/1994	4100	370	23	21	90	NA	NA	32.59	8.68	23.91	NA

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S-6	05/03/1994	4700	550	28	85	340	NA	NA	32.59	9.20	23.39	NA
S-6	08/01/1994	2900	370	11	11	43	NA	NA	32.59	8.90	23.69	NA
S-6	11/08/1994	NA	NA	NA	NA	NA	NA	NA	32.59	8.32	23.69	NA
S-6	02/03/1995	NA	NA	NA	NA	NA	NA	NA	32.59	8.04	23.69	NA
S-6	08/02/1995	1400	160	<5	<5	<5	NA	NA	32.59	9.26	23.19	NA
S-6	02/02/1996	NA	NA	NA	NA	NA	NA	NA	32.59	7.90	24.69	NA
S-6	05/04/1996	NA	NA	NA	NA	NA	NA	NA	32.59	8.98	23.61	NA
S-6	08/02/1996	1600	150	9.2	13	23	17	NA	32.59	9.34	23.25	NA
S-6	10/02/1996	NA	NA	NA	NA	NA	NA	NA	32.59	9.96	22.63	NA
S-6	01/08/1997	NA	NA	NA	NA	NA	NA	NA	32.59	7.38	25.21	NA
S-6	04/17/1997	NA	NA	NA	NA	NA	NA	NA	32.59	9.16	23.43	NA
S-6	07/01/1997	<50	1.5	<0.50	<0.50	<0.50	<2.5	NA	32.59	9.60	22.99	NA
S-6	10/07/1997	NA	NA	NA	NA	NA	NA	NA	32.59	9.64	22.95	NA
S-6	01/07/1998	NA	NA	NA	NA	NA	NA	NA	32.59	8.34	24.25	NA
S-6	04/02/1998	NA	NA	NA	NA	NA	NA	NA	32.59	7.93	24.66	NA
S-6	07/02/1998	370	22	0.62	<0.50	<0.50	5.60	NA	32.59	9.85	22.74	NA
S-6	10/01/1998	NA	NA	NA	NA	NA	NA	NA	32.59	10.48	22.11	NA
S-6	01/12/1999	NA	NA	NA	NA	NA	NA	NA	32.59	9.63	22.96	NA
S-6	04/19/1999	NA	NA	NA	NA	NA	NA	NA	32.59	9.08	23.51	NA
S-6	07/09/1999	52	2.3	<0.50	<0.50	<0.50	<2.5	NA	32.59	9.33	23.26	NA
S-6	10/06/1999	NA	NA	NA	NA	NA	NA	NA	32.59	9.80	22.79	NA
S-6	03/07/2000	NA	NA	NA	NA	NA	NA	NA	32.59	7.05	25.54	NA
S-6	06/01/2000	NA	NA	NA	NA	NA	NA	NA	32.59	9.05	23.54	NA
S-6	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	32.59	9.65	22.94	NA
S-6	11/29/2000	NA	NA	NA	NA	NA	NA	NA	32.59	9.51	23.08	NA
S-6	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	32.59	7.14	25.45	NA
S-6	09/18/2003	NA	NA	NA	NA	NA	NA	NA	32.36	9.14	23.22	NA

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S-6	09/29/2003	1700	13	4.6	<2.5	5.8	NA	<2.5	32.36	9.32	23.04	NA
S-6	11/20/2003	4500	45	14	36	28	NA	<1.0	32.36	8.29	24.07	NA
S-6 (D)	08/01/1994	2600	340	8.8	7.7	33	NA	NA	32.59	NA	NA	NA
S-6 (D)	08/02/1995	1400	170	<5	<5	<5	NA	NA	32.59	NA	NA	NA
S-7	05/04/1992	180	1.6	<0.5	1.5	3.0	NA	NA	33.33	11.21	22.12	NA
S-7	08/10/1992	190	8.0	1.4	4.7	8.5	NA	NA	33.33	12.28	21.05	NA
S-7	11/09/1992	280	16	4.0	7.8	21	NA	NA	33.33	11.77	21.56	NA
S-7	02/23/1993	210	13	2.2	5.4	12	NA	NA	33.33	8.86	24.47	NA
S-7	06/07/1993	90	1.2	2.5	1.0	<0.5	NA	NA	33.33	10.58	22.75	NA
S-7	08/13/1993	140	4.0	0.8	<0.5	0.5	NA	NA	33.33	11.34	21.99	NA
S-7	11/18/1993	440	43	4.9	0.9	4.2	NA	NA	33.33	12.00	21.33	NA
S-7	02/10/1994	250a	<0.5	<0.5	1.8	<0.5	NA	NA	33.33	9.88	23.45	NA
S-7	05/03/1994	130	<0.5	<0.5	<0.5	<0.5	NA	NA	33.33	10.75	22.58	NA
S-7	08/01/1994	250	4.8	<0.5	<0.5	<0.5	NA	NA	33.33	11.05	22.28	NA
S-7	11/08/1994	NA	NA	NA	NA	NA	NA	NA	33.33	9.64	23.69	NA
S-7	02/03/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.33	8.53	24.80	NA
S-7	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	33.33	11.10	22.23	NA
S-7	02/02/1996	480	2.2	2.4	7.9	25	NA	NA	33.33	8.58	24.75	NA
S-7	05/04/1996	NA	NA	NA	NA	NA	NA	NA	33.33	10.41	22.92	NA
S-7	08/02/1996	300	20	2.2	3.8	7.9	21	11	33.33	11.18	22.15	NA
S-7	10/02/1996	NA	NA	NA	NA	NA	NA	NA	33.33	12.12	21.21	NA
S-7	01/08/1997	850	16	6.3	20	59	<25	NA	33.33	8.23	25.10	NA
S-7	04/17/1997	NA	NA	NA	NA	NA	NA	NA	33.33	10.75	22.58	NA
S-7	07/01/1997	120	2.4	<0.50	2.9	2.6	3.5	NA	33.33	11.40	21.93	NA
S-7	10/07/1997	NA	NA	NA	NA	NA	NA	NA	33.33	11.50	21.83	NA

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S-7	04/19/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	33.33	9.39	23.94	NA
S-7	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	33.33	11.15	22.18	NA
S-7	10/06/1999	216	5.04	<0.500	2.23	4.82	<5.00	NA	33.33	11.65	21.68	NA
S-7	NA	Well abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA

S-7 (D)	08/02/1996	340	22	2.2	4.4	8.9	20	NA	33.33	NA	NA	NA
S-7 (D)	01/08/1997	840	15	<5.0	21	63	25	NA	33.33	NA	NA	NA
S-7 (D)	07/01/1997	120	2.4	<0.50	2.9	2.6	<2.5	NA	33.33	NA	NA	NA

S-8	05/04/1992	1600	20	420	96	330	NA	NA	31.97	10.29	21.68	NA
S-8	08/10/1992	1500	19	37	60	250	NA	NA	31.97	11.12	20.85	NA
S-8	11/09/1992	710	5.7	24	28	120	NA	NA	31.97	10.71	21.26	NA
S-8	02/23/1993	3800	40	54	68	260	NA	NA	31.97	6.04	25.93	NA
S-8	06/07/1993	1200	13	19	65	150	NA	NA	31.97	10.06	21.91	NA
S-8	08/13/1993	1300	21	23	49	250	NA	NA	31.97	10.56	21.41	NA
S-8	11/18/1993	870	16	5.3	59	230	NA	NA	31.97	10.90	21.07	NA
S-8	02/10/1994	2400	11	55	120	530	NA	NA	31.97	9.53	22.44	NA
S-8	05/03/1994	3100	12	27	130	370	NA	NA	31.97	10.06	21.91	NA
S-8	08/01/1994	1500	20	18	39	190	NA	NA	31.97	10.32	21.65	NA
S-8	11/08/1994	2100	22	38	73	390	NA	NA	31.97	9.25	22.72	NA
S-8	02/03/1995	4800	67	39	130	300	NA	NA	31.97	8.99	22.98	NA
S-8	05/04/1995	2600	31	23	71	310	NA	NA	31.97	9.22	22.75	NA
S-8	08/02/1995	1700	10	9.1	48	210	NA	NA	31.97	10.36	21.61	NA
S-8	11/02/1995	1200	16	13	72	130	NA	NA	31.97	10.72	21.25	NA
S-8	02/02/1996	7100	29	140	360	1300	NA	NA	31.97	8.92	23.05	NA
S-8	05/04/1996	3500	13	27	110	400	<25	NA	31.97	9.86	22.11	NA
S-8	08/02/1996	850	9.6	7.4	30	160	11	NA	31.97	10.30	21.67	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-8	10/02/1996	980	<5.0	11	13	92	<25	NA	31.97	10.71	21.26	NA
S-8	01/08/1997	6400	88	48	190	500	<100	NA	31.97	8.88	23.09	NA
S-8	04/17/1997	1700	23	7.4	34	50	74	NA	31.97	10.00	21.97	NA
S-8	07/01/1997	140	2.8	<0.50	<0.50	0.58	<2.5	NA	31.97	10.40	21.57	NA
S-8	10/07/1997	300	2.7	0.63	4.6	8.4	<2.5	NA	31.97	10.50	21.47	NA
S-8	01/07/1998	110	1.2	<0.50	<0.50	1.6	<2.5	NA	31.97	9.27	22.70	NA
S-8	04/02/1998	4500	140	77	140	380	<12	NA	31.97	9.31	22.66	NA
S-8	07/02/1998	330	4.2	0.79	1.7	2.3	4.8	NA	31.97	9.48	22.49	NA
S-8	10/01/1998	52	0.76	<0.50	<0.50	0.70	<2.5	NA	31.97	10.08	21.89	NA
S-8	01/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	31.97	10.50	21.47	NA
S-8	04/19/1999	3360	29.6	24.6	137	398	<100	NA	31.97	9.45	22.52	NA
S-8	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	31.97	10.25	21.72	NA
S-8	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	31.97	10.70	21.27	NA
S-8	03/07/2000	16500	461	397	665	1240	229	NA	31.97	8.45	23.52	NA
S-8	06/01/2000	317	4.05	0.943	0.595	1.08	29.9	NA	31.97	10.03	21.94	NA
S-8	09/08/2000	330	2.14	1.45	7.21	16.5	39.9	<1.00b	31.97	10.58	21.39	NA
S-8	11/29/2000	188	2.70	<0.500	2.43	1.44	7.27	<1.00b	31.97	10.25	21.72	NA
S-8	03/09/2001	4110	80.1	23.0	90.6	95.0	70.4	NA	31.97	8.99	22.98	NA
S-8	09/12/2001	NA	NA	NA	NA	NA	NA	<0.50	31.97	10.67	21.30	NA
S-8	09/18/2003	NA	NA	NA	NA	NA	NA	NA	31.89	10.02	21.87	NA
S-8	09/29/2003	Well inaccessible			NA	NA	NA	NA	31.89	NA	NA	NA
S-8	10/03/2003	1700	<2.5	8.1	53	140	NA	<2.5	31.89	9.99	21.90	NA
S-8	11/20/2003	7100	110	33	150	290	NA	2.8	31.89	9.14	22.75	NA
S-8 (D)	02/10/1994	2400	11	46	100	440	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/03/1994	3000	21	25	120	340	NA	NA	31.97	NA	NA	NA
S-8 (D)	11/08/1994	2100	20	31	75	390	NA	NA	31.97	NA	NA	NA

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S-8 (D)	02/03/1995	3700	53	30	100	240	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1995	3300	38	26	89	390	NA	NA	31.97	NA	NA	NA
S-8 (D)	08/02/1995	1200	15	13	70	120	NA	NA	31.97	NA	NA	NA
S-8 (D)	02/02/1996	7800	33	160	400	1500	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1996	5100	19	37	190	690	<25	NA	31.97	NA	NA	NA
S-8 (D)	10/02/1996	1300	<5.0	10	28	180	<25	NA	31.97	NA	NA	NA
S-8 (D)	04/17/1997	1600	25	7.4	30	43	34	NA	31.97	NA	NA	NA
S-8 (D)	01/07/1998	150	1.8	0.6	<0.50	2.2	<2.5	NA	31.97	NA	NA	NA
S-8 (D)	07/02/1998	360	4.3	0.89	1.7	2.3	5.7	NA	31.97	NA	NA	NA

S-9	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.45	21.41	NA
S-9	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	11.52	20.34	NA
S-9	11/09/1992	<50	<0.5	<0.5	<0.5	0.7	NA	NA	31.86	11.02	20.84	NA
S-9	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	8.00	23.86	NA
S-9	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.07	21.79	NA
S-9	08/13/1993	140	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.92	20.94	NA
S-9	11/18/1993	170	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	11.19	20.67	NA
S-9	02/10/1994	140	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	9.16	22.70	NA
S-9	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.03	21.83	NA
S-9	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	10.52	21.34	NA
S-9	11/08/1994	NA	NA	NA	NA	NA	NA	NA	31.86	9.08	22.78	NA
S-9	02/03/1995	NA	NA	NA	NA	NA	NA	NA	31.86	8.37	23.49	NA
S-9	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	31.86	9.35	22.51	NA
S-9	02/02/1996	NA	NA	NA	NA	NA	NA	NA	31.86	7.53	24.33	NA
S-9	05/04/1996	NA	NA	NA	NA	NA	NA	NA	31.86	9.60	22.26	NA
S-9	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	12	NA	31.86	10.46	21.40	NA
S-9	10/02/1996	NA	NA	NA	NA	NA	NA	NA	31.86	10.66	21.20	NA

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S-9	01/08/1997	NA	NA	NA	NA	NA	NA	NA	31.86	7.20	24.66	NA
S-9	04/17/1997	NA	NA	NA	NA	NA	NA	NA	31.86	9.96	21.90	NA
S-9	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	3.9	NA	31.86	10.64	21.22	NA
S-9	10/07/1997	NA	NA	NA	NA	NA	NA	NA	31.86	10.63	21.23	NA
S-9	04/19/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	31.86	8.69	23.17	NA
S-9	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	31.86	10.45	21.41	NA
S-9	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	31.86	10.90	20.96	NA
S-9	NA	Well abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA

S-10	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.54	24.41	NA
S-10	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	10.43	22.52	NA
S-10	11/09/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	9.14	23.81	NA
S-10	02/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	6.72	26.23	NA
S-10	06/07/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.08	24.87	NA
S-10	08/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.83	24.12	NA
S-10	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	9.46	23.49	NA
S-10	02/10/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	7.41	25.54	NA
S-10	05/03/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.16	24.79	NA
S-10	08/01/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.29	24.66	NA
S-10	11/08/1994	NA	NA	NA	NA	NA	NA	NA	32.95	7.02	25.93	NA
S-10	02/03/1995	NA	NA	NA	NA	NA	NA	NA	32.95	6.79	26.16	NA
S-10	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	32.95	8.30	24.65	NA
S-10	02/02/1996	NA	NA	NA	NA	NA	NA	NA	32.95	6.49	26.46	NA
S-10	05/04/1996	NA	NA	NA	NA	NA	NA	NA	32.95	7.55	25.40	NA
S-10	08/02/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	32.95	9.25	23.70	NA
S-10	10/02/1996	NA	NA	NA	NA	NA	NA	NA	32.95	10.54	22.41	NA
S-10	01/08/1997	NA	NA	NA	NA	NA	NA	NA	32.95	6.47	26.48	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
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S-10	04/17/1997	NA	NA	NA	NA	NA	NA	NA	32.95	7.78	25.17	NA
S-10	07/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	32.95	8.83	24.12	NA
S-10	10/07/1997	NA	NA	NA	NA	NA	NA	NA	32.95	8.89	24.06	NA
S-10	01/07/1998	NA	NA	NA	NA	NA	NA	NA	32.95	6.97	25.98	NA
S-10	04/02/1998	NA	NA	NA	NA	NA	NA	NA	32.95	6.96	25.99	NA
S-10	07/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	32.95	10.41	22.54	NA
S-10	10/01/1998	NA	NA	NA	NA	NA	NA	NA	32.95	11.03	21.92	NA
S-10	01/12/1999	NA	NA	NA	NA	NA	NA	NA	32.95	10.33	22.62	NA
S-10	04/19/1999	NA	NA	NA	NA	NA	NA	NA	32.95	9.72	23.23	NA
S-10	07/09/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	32.95	8.98	23.97	NA
S-10	10/06/1999	NA	NA	NA	NA	NA	NA	NA	32.95	9.15	23.80	NA
S-10	03/07/2000	NA	NA	NA	NA	NA	NA	NA	32.95	6.01	26.94	NA
S-10	06/01/2000	NA	NA	NA	NA	NA	NA	NA	32.95	8.13	24.82	NA
S-10	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	32.95	9.10	23.85	NA
S-10	11/29/2000	NA	NA	NA	NA	NA	NA	NA	32.95	9.32	23.63	NA
S-10	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	32.95	6.54	26.41	NA
S-10	09/18/2003	NA	NA	NA	NA	NA	NA	NA	32.93	9.13	23.80	NA
S-10	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	32.93	9.26	23.67	NA
S-10	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	32.93	7.15	25.78	NA

S-11	05/04/1992	1500	55	32	57	190	NA	NA	30.78	9.99	20.79	NA
S-11	08/10/1992	750	29	13	43	120	NA	NA	30.78	10.92	19.86	NA
S-11	11/09/1992	4100	32	62	120	1100	NA	NA	30.78	10.44	20.34	NA
S-11	02/23/1993	760	15	13	37	140	NA	NA	30.78	7.30	23.48	NA
S-11	06/07/1993	1700	40	16	100	360	NA	NA	30.78	9.51	21.27	NA
S-11	08/13/1993	60	0.9	<0.5	0.8	1.2	NA	NA	30.78	10.39	20.39	NA
S-11	11/18/1993	150	7.8	1.0	9.0	12	NA	NA	30.78	10.64	20.14	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
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S-11	02/10/1994	4400	53	19	160	390	NA	NA	30.78	8.50	22.28	NA
S-11	05/03/1994	65	1.5	<0.5	0.53	0.59	NA	NA	30.78	9.42	21.36	NA
S-11	08/01/1994	240	18	6.7	6.9	18	NA	NA	30.78	10.12	20.66	NA
S-11	11/08/1994	490	14	5.2	15	47	NA	NA	30.78	8.84	21.94	NA
S-11	02/03/1995	380	4.1	0.9	1.4	5.1	NA	NA	30.78	7.12	23.66	NA
S-11	05/04/1995	110	1.3	<0.5	1.1	1.8	NA	NA	30.78	7.96	22.82	NA
S-11	08/02/1995	230	22	11	13	35	NA	NA	30.78	9.88	20.90	NA
S-11	11/02/1995	200	26	10	10	30	NA	NA	30.78	10.10	20.68	NA
S-11	02/02/1996	110	2.9	1.0	2.6	6.5	NA	NA	30.78	7.33	23.45	NA
S-11	05/04/1996	<50	0.70	0.54	0.82	2.6	7.5	NA	30.78	8.62	22.16	NA
S-11	08/02/1996	200	11	4.6	12	38	10	NA	30.78	9.85	20.93	NA
S-11	10/02/1996	290	20	6.2	16	48	8.4	NA	30.78	11.00	19.78	NA
S-11	01/08/1997	56	2.0	<0.50	1.0	5.8	5.2	NA	30.78	6.20	24.58	NA
S-11	04/17/1997	<50	0.88	<0.50	<0.50	<0.50	3.2	NA	30.78	8.81	21.97	NA
S-11	07/01/1997	610	50	5.9	24	110	3.1	NA	30.78	10.47	20.31	NA
S-11	10/07/1997	440	43	3.0	13	110	4.9	NA	30.78	10.32	20.46	NA
S-11	04/19/1999	<50.0	0.530	<0.500	<0.500	5.22	<5.00	NA	30.78	8.31	22.47	NA
S-11	07/09/1999	53	2.3	<0.50	<0.50	8.5	<2.5	NA	30.78	9.19	21.59	NA
S-11	10/06/1999	1210	39.1	<10.0	26.4	139	<100	NA	30.78	10.25	20.53	NA
S-11	NA	Well Abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA

S-11 (D)	06/07/1993	1600	51	16	83	300	NA	NA	30.78	NA	NA	NA
S-11 (D)	08/13/1993	70	2.1	<0.5	0.9	2.1	NA	NA	30.78	NA	NA	NA
S-11 (D)	10/07/1997	360	39	2.0	7.2	74	4.9	NA	30.78	NA	NA	NA

SR-1	05/04/1992	NA	NA	NA	NA	NA	NA	NA	NA	9.02	NA	NA
SR-1	08/10/1992	NA	NA	NA	NA	NA	NA	NA	NA	10.29	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
SR-1	11/09/1992	NA	NA	NA	NA	NA	NA	NA	NA	10.92	NA	NA
SR-1	02/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	6.64	NA	NA
SR-1	06/07/1993	NA	NA	NA	NA	NA	NA	NA	NA	7.36	NA	NA
SR-1	08/13/1993	NA	NA	NA	NA	NA	NA	NA	NA	7.96	NA	NA
SR-1	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	10.02	NA	NA
SR-1	02/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	05/03/1994	NA	NA	NA	NA	NA	NA	NA	NA	8.28	NA	NA
SR-1	08/01/1994	NA	NA	NA	NA	NA	NA	NA	NA	7.98	NA	NA
SR-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	7.75	NA	NA
SR-1	02/03/1995	NA	NA	NA	NA	NA	NA	NA	NA	7.20	NA	NA
SR-1	05/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	4.10	NA	NA
SR-1	08/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	5.31	NA	NA
SR-1	11/02/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.62	NA	NA
SR-1	02/02/1996	90	6.1	6.7	2.8	8.5	NA	NA	NA	7.30	NA	NA
SR-1	05/04/1996	NA	NA	NA	NA	NA	NA	NA	NA	8.10	NA	NA
SR-1	08/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	8.10	NA	NA
SR-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	9.25	NA	NA
SR-1	01/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	7.18	NA	NA
SR-1	04/17/1997	NA	NA	NA	NA	NA	NA	NA	NA	6.01	NA	NA
SR-1	07/01/1997	NA	NA	NA	NA	NA	NA	NA	NA	8.36	NA	NA
SR-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	NA	9.22	NA	NA
SR-1	01/07/1998	NA	NA	NA	NA	NA	NA	NA	NA	7.45	NA	NA
SR-1	04/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	7.43	NA	NA
SR-1	07/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	9.87	NA	NA
SR-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.42	NA	NA
SR-1	01/12/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.24	NA	NA
SR-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	9.64	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
SR-1	07/09/1999	NA	NA	NA	NA	NA	NA	NA	NA	8.40	NA	NA
SR-1	10/06/1999	NA	NA	NA	NA	NA	NA	NA	NA	9.30	NA	NA
SR-1	03/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	5.25	NA	NA
SR-1	06/01/2000	NA	NA	NA	NA	NA	NA	NA	NA	8.59	NA	NA
SR-1	09/08/2000	NA	NA	NA	NA	NA	NA	NA	NA	9.22	NA	NA
SR-1	11/29/2000	NA	NA	NA	NA	NA	NA	NA	NA	9.65	NA	NA
SR-1	03/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	6.78	NA	NA
SR-1	09/12/2001	NA	NA	NA	NA	NA	NA	<0.50	NA	9.23	NA	NA
SR-1	09/18/2003	NA	NA	NA	NA	NA	NA	NA	32.59	8.02	24.57	NA
SR-1	09/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	32.59	8.35	24.24	NA
SR-1	11/20/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	32.59	6.85	25.74	NA
SR-1 (D)	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2800 Telegraph Avenue
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)	SPH Thickness (ft.)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to September 29, 2003, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to September 29, 2003, analyzed by EPA Method 8020.

MTBE = methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

ug/L = parts per billion

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

NA = Not applicable

Notes:

a = Chromatogram pattern indicated the presence of an unidentified hydrocarbon.

b = This sample analyzed outside of EPA recommended hold time.

Prior to September 18, 2003, depths to water and groundwater elevation referenced to Top of Box elevation.

Active wells surveyed July 29, 2002, by Virgil Chavez Land Surveying of Vallejo, California.

Blaine Tech Services, Inc.

December 05, 2003

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 031120-MD1

Project: 97093398

Site: 2800 Telegraph Ave., Oakland

Dear Mr. Gearhart,

Attached is our report for your samples received on 11/21/2003 15:40

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 01/05/2004 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

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-1	11/20/2003 09:35	Water	1
S-4	11/20/2003 10:00	Water	2
S-5	11/20/2003 10:20	Water	3
S-6	11/20/2003 11:10	Water	4
S-8	11/20/2003 10:45	Water	5
S-10	11/20/2003 11:40	Water	6
SR-1	11/20/2003 09:15	Water	7

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Prep(s):	5080B	Test(s):	8260B
Sample ID:	S-1	Lab ID:	2003-11-0808-1
Sampled:	11/20/2003 09:35	Extracted:	11/29/2003 16:20
Matrix:	Water	QC Batch#:	2003/11/29-1B 65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/29/2003 16:20	
Benzene	ND	0.50	ug/L	1.00	11/29/2003 16:20	
Toluene	ND	0.50	ug/L	1.00	11/29/2003 16:20	
Ethylbenzene	ND	0.50	ug/L	1.00	11/29/2003 16:20	
Total xylenes	ND	1.0	ug/L	1.00	11/29/2003 16:20	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/29/2003 16:20	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/29/2003 16:20	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	11/29/2003 16:20	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	11/29/2003 16:20	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	11/29/2003 16:20	
1,2-DCA	ND	0.50	ug/L	1.00	11/29/2003 16:20	
EDB	ND	0.50	ug/L	1.00	11/29/2003 16:20	
Ethanol	ND	50	ug/L	1.00	11/29/2003 16:20	
Surrogate(s)						
1,2-Dichloroethane-d4	80.5	76	%	1.00	11/29/2003 16:20	
Toluene-d8	92.2	78	%	1.00	11/29/2003 16:20	

Gas/BTEX Fuel Oxygenates 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) 573-7771Project: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Prep(s):	8260B	Test(s):	8260B
Sample ID:	SL	Lab ID:	2003-11-0808-2
Sampled:	11/29/2003 16:00	Extracted:	11/29/2003 16:44
Matrix:	Water	QC Batch#:	2003/11/29 16:45

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/29/2003 16:44	
Benzene	ND	0.50	ug/L	1.00	11/29/2003 16:44	
Toluene	ND	0.50	ug/L	1.00	11/29/2003 16:44	
Ethylbenzene	ND	0.50	ug/L	1.00	11/29/2003 16:44	
Total xylenes	ND	1.0	ug/L	1.00	11/29/2003 16:44	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/29/2003 16:44	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/29/2003 16:44	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	11/29/2003 16:44	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	11/29/2003 16:44	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	11/29/2003 16:44	
1,2-DCA	ND	0.50	ug/L	1.00	11/29/2003 16:44	
EDB	ND	0.50	ug/L	1.00	11/29/2003 16:44	
Ethanol	ND	50	ug/L	1.00	11/29/2003 16:44	
Surrogate(s)						
1,2-Dichloroethane-d4	79.2	76	%	1.00	11/29/2003 16:44	
Toluene-d8	91.2	78	%	1.00	11/29/2003 16:44	

Gas/BTEX Fuel Oxygenates 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: 031120-MD1

97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-5	Lab ID:	2003-11-0808-3
Sampled:	11/20/2003 10:20	Extracted:	11/29/2003 17:08
Matrix:	Water	QC Batch#:	2003/11/29-1B/65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/29/2003 17:08	
Benzene	ND	0.50	ug/L	1.00	11/29/2003 17:08	
Toluene	ND	0.50	ug/L	1.00	11/29/2003 17:08	
Ethylbenzene	ND	0.50	ug/L	1.00	11/29/2003 17:08	
Total xylenes	ND	1.0	ug/L	1.00	11/29/2003 17:08	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/29/2003 17:08	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/29/2003 17:08	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	11/29/2003 17:08	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	11/29/2003 17:08	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	11/29/2003 17:08	
1,2-DCA	ND	0.50	ug/L	1.00	11/29/2003 17:08	
EDB	ND	0.50	ug/L	1.00	11/29/2003 17:08	
Ethanol	ND	50	ug/L	1.00	11/29/2003 17:08	
Surrogate(s)						
1,2-Dichloroethane-d4	83.2	76	%	1.00	11/29/2003 17:08	
Toluene-d8	91.3	78	%	1.00	11/29/2003 17:08	

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Prep(s)	5060B	Prep(s)	8260B
Sample ID	SR	Label#	2003-11-0808-4
Sampled	11/20/2003 11:10	Extracted	11/29/2003 17:31
Matrix	Water	QC Batch#	2003/11/29 11:05
Analysis Flag: 0 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	4500	100	ug/L	2.00	11/29/2003 17:31	
Benzene	45	1.0	ug/L	2.00	11/29/2003 17:31	
Toluene	14	1.0	ug/L	2.00	11/29/2003 17:31	
Ethylbenzene	36	1.0	ug/L	2.00	11/29/2003 17:31	
Total xylenes	28	2.0	ug/L	2.00	11/29/2003 17:31	
tert-Butyl alcohol (TBA)	ND	10	ug/L	2.00	11/29/2003 17:31	
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L	2.00	11/29/2003 17:31	
Di-isopropyl Ether (DIPE)	ND	4.0	ug/L	2.00	11/29/2003 17:31	
Ethyl tert-butyl ether (ETBE)	ND	4.0	ug/L	2.00	11/29/2003 17:31	
tert-Amyl methyl ether (TAME)	ND	4.0	ug/L	2.00	11/29/2003 17:31	
1,2-DCA	ND	1.0	ug/L	2.00	11/29/2003 17:31	
EDB	ND	1.0	ug/L	2.00	11/29/2003 17:31	
Ethanol	ND	100	ug/L	2.00	11/29/2003 17:31	
Surrogate(s)						
1,2-Dichloroethane-d4	85.8	76	%	2.00	11/29/2003 17:31	
Toluene-d8	95.2	78	%	2.00	11/29/2003 17:31	

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

12/04/2003 21:00

Gas/BTEX Fuel Oxygenates 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: 031120-MD1

97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-3	Lab ID:	2003-11-0808-5
Sampled:	11/20/2003 10:45	Extracted:	11/29/2003 17:53
Matrix:	Water	QC Batch#:	2003/11/29-1B.65
Analysis Flag: 0 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	7100	250	ug/L	5.00	11/29/2003 17:53	
Benzene	110	2.5	ug/L	5.00	11/29/2003 17:53	
Toluene	33	2.5	ug/L	5.00	11/29/2003 17:53	
Ethylbenzene	150	2.5	ug/L	5.00	11/29/2003 17:53	
Total xylenes	290	5.0	ug/L	5.00	11/29/2003 17:53	
tert-Butyl alcohol (TBA)	ND	25	ug/L	5.00	11/29/2003 17:53	
Methyl tert-butyl ether (MTBE)	2.8	2.5	ug/L	5.00	11/29/2003 17:53	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	5.00	11/29/2003 17:53	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	5.00	11/29/2003 17:53	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	5.00	11/29/2003 17:53	
1,2-DCA	ND	2.5	ug/L	5.00	11/29/2003 17:53	
EDB	ND	2.5	ug/L	5.00	11/29/2003 17:53	
Ethanol	ND	250	ug/L	5.00	11/29/2003 17:53	
Surrogate(s)						
1,2-Dichloroethane-d4	90.6	76	%	5.00	11/29/2003 17:53	
Toluene-d8	92.6	78	%	5.00	11/29/2003 17:53	

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Prep(s)	5040B	Met(s)	8260B
Sample ID	S-10	Lab ID	2003-11-0808-6
Sampled	11/20/2003 11:40	Extracted	12/01/2003 22:20
Matrix	Water	QC Batch#	2003/12/01-1C66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/01/2003 22:20	
Benzene	ND	0.50	ug/L	1.00	12/01/2003 22:20	
Toluene	ND	0.50	ug/L	1.00	12/01/2003 22:20	
Ethylbenzene	ND	0.50	ug/L	1.00	12/01/2003 22:20	
Total xylenes	ND	1.0	ug/L	1.00	12/01/2003 22:20	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/01/2003 22:20	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/01/2003 22:20	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	12/01/2003 22:20	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	12/01/2003 22:20	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	12/01/2003 22:20	
1,2-DCA	ND	0.50	ug/L	1.00	12/01/2003 22:20	
EDB	ND	0.50	ug/L	1.00	12/01/2003 22:20	
Ethanol	ND	50	ug/L	1.00	12/01/2003 22:20	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	76	%	1.00	12/01/2003 22:20	
Toluene-d8	99.0	78	%	1.00	12/01/2003 22:20	

Gas/BTEX Fuel Oxygenates 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: 031120-MD1

97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Prep(s)	5030B	Test(s)	8260B
Sample ID	SR-1	Lab ID	2003-11-0808-7
Sampled	11/20/2003 09:15	Extracted	11/29/2003 18:40
Matrix	Water	QC Batch#	2003-11-29-1B 65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/29/2003 18:40	
Benzene	ND	0.50	ug/L	1.00	11/29/2003 18:40	
Toluene	ND	0.50	ug/L	1.00	11/29/2003 18:40	
Ethylbenzene	ND	0.50	ug/L	1.00	11/29/2003 18:40	
Total xylenes	ND	1.0	ug/L	1.00	11/29/2003 18:40	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/29/2003 18:40	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/29/2003 18:40	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	11/29/2003 18:40	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	11/29/2003 18:40	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	11/29/2003 18:40	
1,2-DCA	ND	0.50	ug/L	1.00	11/29/2003 18:40	
EDB	ND	0.50	ug/L	1.00	11/29/2003 18:40	
Ethanol	ND	50	ug/L	1.00	11/29/2003 18:40	
Surrogate(s)						
1,2-Dichloroethane-d4	81.4	76	%	1.00	11/29/2003 18:40	
Toluene-d8	88.8	78	%	1.00	11/29/2003 18:40	

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Batch of Report		
Prep(s) 5090E	Water	Site(s) 8260B
Method Blank		Lab Batch# 200311291565
MB 2003/11/29/15:65-031		Date Extracted 11/29/2003 10:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/29/2003 10:31	
Benzene	ND	0.5	ug/L	11/29/2003 10:31	
Toluene	ND	0.5	ug/L	11/29/2003 10:31	
Ethylbenzene	ND	0.5	ug/L	11/29/2003 10:31	
Total xylenes	ND	1.0	ug/L	11/29/2003 10:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	11/29/2003 10:31	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/29/2003 10:31	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	11/29/2003 10:31	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	11/29/2003 10:31	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	11/29/2003 10:31	
1,2-DCA	ND	0.5	ug/L	11/29/2003 10:31	
EDB	ND	0.5	ug/L	11/29/2003 10:31	
Ethanol	ND	50	ug/L	11/29/2003 10:31	
Surrogates(s)					
1,2-Dichloroethane-d4	78.1	76-130	%	11/29/2003 10:31	
Toluene-d8	88.9	78-115	%	11/29/2003 10:31	

Gas/BTEX Fuel Oxygenates 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: 031120-MD1

97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Batch QC Report					
Prep(s): 5080B					Test(s): 8260B
Method: Blank		Water:			QC Batch #: 2003/12/01-1C166
MB: 2003/12/01-1C166-037					Date Extracted: 12/01/2003 10:37

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/01/2003 10:37	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/01/2003 10:37	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/01/2003 10:37	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	12/01/2003 10:37	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	12/01/2003 10:37	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	12/01/2003 10:37	
1,2-DCA	ND	0.5	ug/L	12/01/2003 10:37	
EDB	ND	0.5	ug/L	12/01/2003 10:37	
Benzene	ND	0.5	ug/L	12/01/2003 10:37	
Toluene	ND	0.5	ug/L	12/01/2003 10:37	
Ethylbenzene	ND	0.5	ug/L	12/01/2003 10:37	
Total xylenes	ND	1.0	ug/L	12/01/2003 10:37	
Ethanol	ND	50	ug/L	12/01/2003 10:37	
Surrogates(s)					
1,2-Dichloroethane-d4	94.3	76-130	%	12/01/2003 10:37	
Toluene-d8	93.5	78-115	%	12/01/2003 10:37	

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Batch QC Report			
Batch(s): 5030B			Test(s): 8260B
Laboratory Control Spike	Water		QC Batch: 2003/11/29/1B65
LCS: 2003/11/29/1B65-044	Extracted: 11/29/2003		Analyzed: 11/29/2003 09:44
LCSD: 2003/11/29/1B65-007	Extracted: 11/29/2003		Analyzed: 11/29/2003 11:07

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	25.7	26.9	25	102.8	107.6	4.6	69-129	20		
Toluene	24.3	25.4	25	97.2	101.6	4.4	70-130	20		
Methyl tert-butyl ether (MTBE)	20.1	21.5	25	80.4	86.0	6.7	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	392	394	500	78.4	78.8		76-130			
Toluene-d8	472	469	500	94.4	93.8		78-115			

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

12/04/2003 21:00

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Batch QC Report			
Prep(s): 5930B			Test(s): 8260B
Laboratory Control/Spike	Water		QC Batch #: 2003/12/01-1C-66
LCS: 2003/12/01-1C-66-049	Extracted: 12/01/2003		Analyzed: 12/01/2003 09:49
LCSD: 2003/12/01-1C-66-013	Extracted: 12/01/2003		Analyzed: 12/01/2003 10:13

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	22.1	22.1	25	88.4	88.4	0.0	65-165	20		
Benzene	24.3	23.4	25	97.2	93.6	3.8	69-129	20		
Toluene	24.3	22.6	25	97.2	90.4	7.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	488	484	500	97.6	96.8		76-130			
Toluene-d8	467	466	500	93.4	93.2		78-115			

Gas/BTEX Fuel Oxygenates 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: 031120-MD1
97093398

Received: 11/21/2003 15:40

Site: 2800 Telegraph Ave., Oakland

Legend and Notes

Analysis Flag

o

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

LAB: JML

SHELL Chain Of Custody Record

80528

Lab Identification (if necessary):

Address:

City, State, Zip:

Equiva Project Manager to be Invoiced:
 Project Manager
 Field Supervisor
 Other Position

Karen Peryna

2003-11-0808

INCIDENT NUMBER (BASE ONLY)

9	7	0	9	3	3	9	8
---	---	---	---	---	---	---	---

DATE: 11/20/07

PAGE: 1 of 1

SAMPLING COMPANY:
Elite Tech Services
 ADDRESS:
 1280 Rogers Avenue, San Jose, CA 95112
 PROJECT CONTACT (Person to Call Report to):
Leon Geary
 TEL: 408-574-0255 FAX: 408-574-7171 EMAIL: lgeary@elitemech.com

LOG CODE:
B155

SITE ADDRESS (Specify and City):
2800 Telegraph Ave., Oakland

GLOBAL TAG:
pending

EDF DELIVERABLE TO (Responsible Party, if different):
Ana Erial

PHONE NO.: **707-933-2363**

EMAIL: **sonamed@cambridge-env.com**

CONTRACT PROJECT NO.: **031120-010**

BTIS #

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

USE CHANGE REPORT FORMAT USE AGENCY

CONSENTIVE CONFIRMATION: HIGHEST _____ HIGHEST PER BIDDING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOARD EOD IS NOT NEEDED:

SAMPLER NAME (if any):
John Van De Jong

REQUESTED ANALYSIS

Field Sample Identification	SAMPLING DATE	SAMPLING TIME	METHOD	NO. OF CONT.	TPH - GAS Filterable	STP	MTBE (GAS) 1B - 5000 FL	MTBE (LIQ) 2B - 5000 FL	OXYGENATES (GAS) 1000 FL	ETHANOL 2500	EDB, EDC
S-1	11/20/07	9:35	4	3	✓	✓	✓	✓	✓	✓	✓
S-4		10:00		7	✓	✓	✓	✓	✓	✓	✓
S-5		10:20		3	✓	✓	✓	✓	✓	✓	✓
S-6		11:00		7	✓	✓	✓	✓	✓	✓	✓
S-8		10:45		3	✓	✓	✓	✓	✓	✓	✓
S-10		11:40		7	✓	✓	✓	✓	✓	✓	✓
SR-1		9:15	*	3	✓	✓	✓	✓	✓	✓	✓

FIELD NOTES:

Container/Preservation or PID Readings or Laboratory Notes

4.3°C

TEMPERATURE ON RECEIPT

Received by (Signature): *[Signature]*
 Date: 11/20/07
 Time: 15:40

Received by (Signature): *[Signature]*
 Date: 11/21/07
 Time: 14:27

Received by (Signature): *[Signature]*
 Date: 11/21/07
 Time: 14:27

Received by (Signature): *[Signature]*
 Date: 11/21/07
 Time: 14:27