

# C A M B R I A

ENVIRONMENTAL  
PROTECTION July 11, 2000  
00 JUL 17 PM 1:22

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

Re: **Second Quarter 2000 Monitoring Report**  
Former Shell Service Station  
2800 Telegraph Avenue  
Oakland, California  
Incident #97093398  
Cambria Project #242-1507-002

RO09



Dear Ms. Hugo:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

## SECOND QUARTER 2000 ACTIVITIES

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells, calculated groundwater elevations and compiled the analytical data. Cambria prepared a groundwater elevation contour map (Figure 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

## ANTICIPATED THIRD QUARTER 2000 ACTIVITIES

**Groundwater Sampling Frequency Reduction:** In the *First Quarter 2000 Monitoring Report*, Cambria requested a reduction in groundwater sampling frequency based on the low to non-detectable dissolved-phase concentrations of hydrocarbons at the site. If we do not receive a response from you by the third quarter sampling event, we will assume you approved of the following revised groundwater sampling schedule:

- S-1: Sample annually in the first quarter;
- S-4: Sample annually in the first quarter;
- S-5: Sample annually in the first quarter;
- S-6: Sample semi-annually in the first and third quarters;

Oakland, CA  
San Ramon, CA  
Sonoma, CA  
Portland, OR

**Cambria  
Environmental  
Technology, Inc.**

1144 65th Street  
Suite B  
Oakland, CA 94608  
Tel (510) 420-0700  
Fax (510) 420-9170

- S-8: Sample semi-annually in the first and third quarters;
- S-10: Sample annually in the first quarter; and
- SR-1: Sample annually in the first quarter.

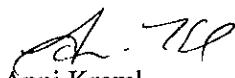
**Groundwater Monitoring:** Blaine will gauge all wells and tabulate the data. If approved, Cambria will implement the following proposed schedule. Cambria will prepare a monitoring report.




**CLOSING**

We appreciate the opportunity to work with you on this project. Please call Stephan Bork at (510) 420-3344 if you have any questions or comments.

Sincerely,  
**Cambria Environmental Technology, Inc**

  
Anni Kreml  
Senior Staff Scientist

  
Stephan Bork, C.E.G., CH.G.  
Associate Hydrogeologist

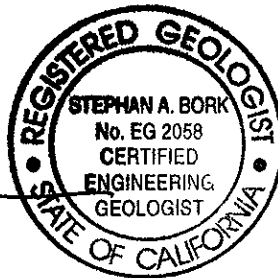
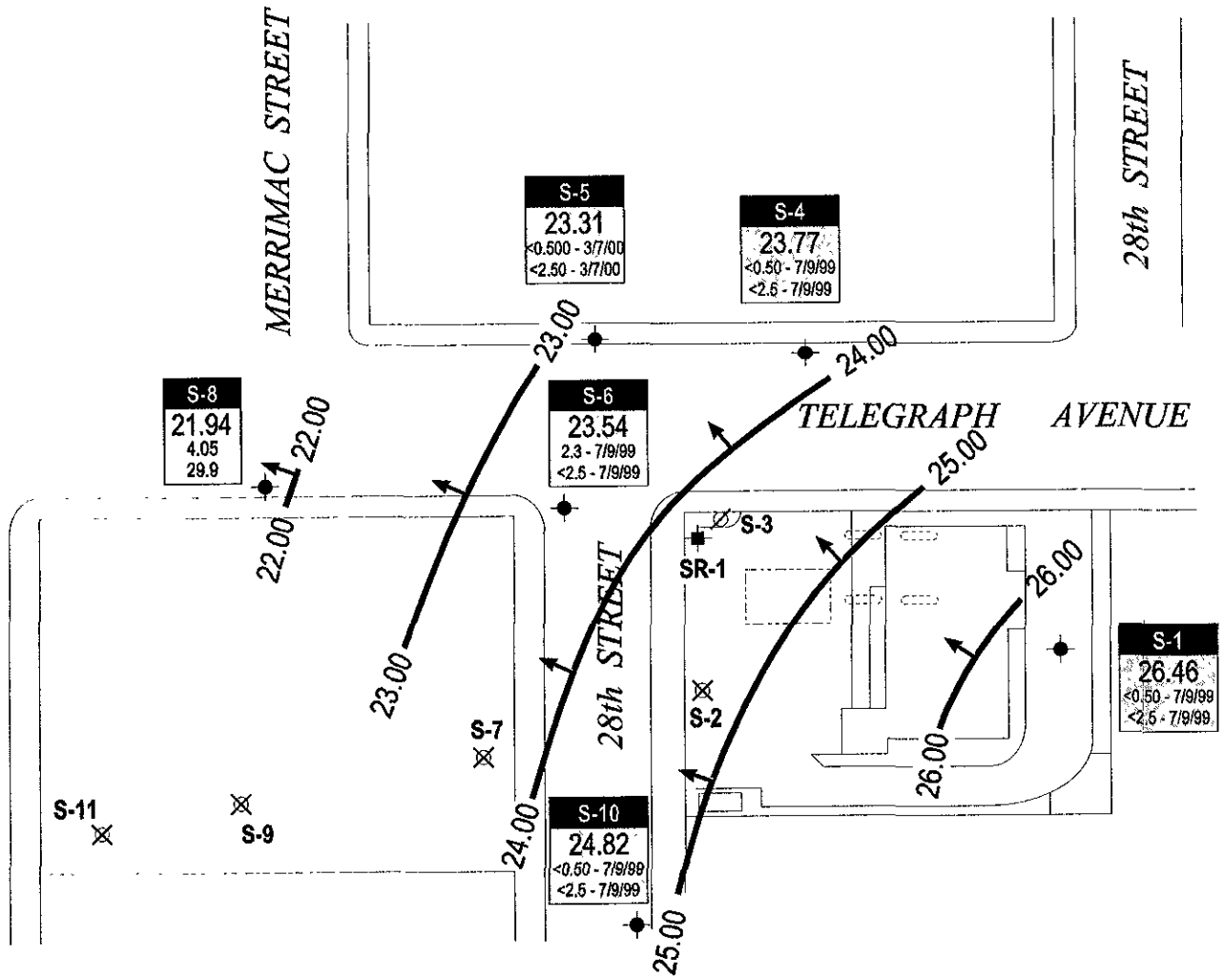


Figure: 1 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, California 94510-7869  
Harmon Management Corp., 199 First Street #212, Los Altos, CA 94022-2767

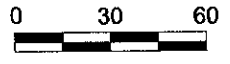
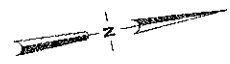
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**EXPLANATION**

- S-1 ◆ Monitoring well location
- S-2 ✕ Destroyed monitoring well location
- S-3 ∅ Monitoring well; paved over
- SR-1 ■ Recovery well location
- Groundwater flow direction
- XX.XX Groundwater elevation contour, in feet above mean sea level (msl), approximately located; dashed where inferred

Well	Well designation
ELEV	Groundwater elevation, in feet above msl
Benzene MTBE	Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8020



Scale (ft)

FIGURE  
**1**

Base map taken from Weiss Associates Site Map

**Former Shell Service Station**  
 2800 Telegraph Avenue  
 Oakland, California  
 Incident #97093398



C A M B R I A

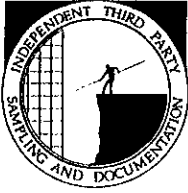
**Groundwater Elevation  
 Contour Map**

June 1, 2000

G:\CALKLAND\2800TELEGRAPH\FIGURES\20M00-MP.DWG

**ATTACHMENT A**  
**Blaine Groundwater Monitoring Report**  
**and Field Notes**

**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

June 28, 2000

Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, CA 91510-7869

Second Quarter 2000 Groundwater Monitoring at  
Former Shell Service Station  
2800 Telegraph Avenue  
Oakland, CA

Monitoring performed on June 1, 2000

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#### Groundwater Monitoring Report 000601-S-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.

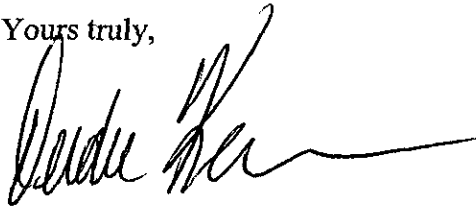
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

A handwritten signature in black ink, appearing to read "Deidre Kerwin", with a long horizontal flourish extending to the right.

Deidre Kerwin  
Operations Manager

DK/jt

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

cc: Anni Kreml  
Cambria Environmental Technology, Inc.  
1144 65<sup>th</sup> Street, Suite C  
Oakland, CA 94608-2411

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**2800 Telegraph Avenue**  
**Oakland, CA**  
**Wic #204-5508-2303**

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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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

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**2800 Telegraph Avenue**  
**Oakland, CA**  
**Wic #204-5508-2303**

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S-1	01/12/1999	NA	NA	NA	NA	NA	NA	NA	35.31	8.45	26.86	NA
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-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
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



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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

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

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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
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

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
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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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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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-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
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

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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	08/01/2000	NA	NA	NA	NA	NA	NA	NA	32.59	9.05	23.54	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

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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
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

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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
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 (D)	02/10/1994	2400	11	46	100	440	NA	NA	31.97	NA	NA	NA

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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
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

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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
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



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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
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-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
S-11	02/10/1994	4400	53	19	160	390	NA	NA	30.78	8.50	22.28	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**2800 Telegraph Avenue**  
**Oakland, CA**  
**Wic #204-5508-2303**

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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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**  
**Wic #204-5508-2303**

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)	TOB (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

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**2800 Telegraph Avenue**  
**Oakland, CA**  
**Wic #204-5508-2303**

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)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
SR-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	9.64	NA	NA
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 (D)	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA

Abbreviations:

TPPH= Total petroleum hydrocarbons as gasoline by modified EPA Method 8015

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8020

MTBE = methyl-tertiary-butyl ether

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.



# Sequoia Analytical

885 Jarvis Drive  
Morgan Hill, CA 95037  
(408) 776-9600  
FAX (408) 782-6308  
www.sequoialabs.com

20 June, 2000

Nick Sudano  
Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose, CA 95112

RE: 2800 Telegraph Ave.  
Sequoia Report: MJF0055

Enclosed are the results of analyses for samples received by the laboratory on 06/02/00 12:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Ted Terrasas  
Project Manager

CA ELAP Certificate #1210





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 2800 Telegraph Ave.  
Project Number: 2800 Telegraph Ave./ Oakland  
Project Manager: Nick Sudano

**Reported:**  
06/20/00 16:35

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-8	MJF0055-01	Water	06/01/00 10:15	06/02/00 12:50

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

  
Ted Terrasas, Project Manager





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 2800 Telegraph Ave.  
Project Number: 2800 Telegraph Ave./ Oakland  
Project Manager: Nick Sudano

**Reported:**  
06/20/00 16:35

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-8 (MJF0055-01) Water</b> <b>Sampled: 06/01/00 10:15</b> <b>Received: 06/02/00 12:50</b>									
Purgeable Hydrocarbons	317	50.0	ug/l	1	0F07002	06/07/00	06/07/00	DHS LUFT	P-03
Benzene	4.05	0.500	"	"	"	"	"	"	
Toluene	0.943	0.500	"	"	"	"	"	"	
Ethylbenzene	0.595	0.500	"	"	"	"	"	"	
Xylenes (total)	1.08	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	29.9	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		127 %		70-130	"	"	"	"	





Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 2800 Telegraph Ave.  
Project Number: 2800 Telegraph Ave./ Oakland  
Project Manager: Nick Sudano

**Reported:**  
06/20/00 16:35

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 0F07002 - EPA 5030B [P/T]**

**Blank (0F07002-BLK1)**

Prepared & Analyzed: 06/07/00

Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	11.0		"	10.0		110	70-130			

**LCS (0F07002-BS1)**

Prepared & Analyzed: 06/07/00

Purgeable Hydrocarbons	245	50.0	ug/l	250		98.0	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	15.7		"	10.0		157	70-130			S-02

**Matrix Spike (0F07002-MS1)**

Source: MJF0058-01

Prepared & Analyzed: 06/07/00

Purgeable Hydrocarbons	264	50.0	ug/l	250	ND	106	60-140			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	15.8		"	10.0		158	70-130			S-02

**Matrix Spike Dup (0F07002-MSD1)**

Source: MJF0058-01

Prepared & Analyzed: 06/07/00

Purgeable Hydrocarbons	261	50.0	ug/l	250	ND	104	60-140	1.14	25	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	15.0		"	10.0		150	70-130			S-02







Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 2800 Telegraph Ave.  
Project Number: 2800 Telegraph Ave./ Oakland  
Project Manager: Nick Sudano

**Reported:**  
06/20/00 16:35

### Notes and Definitions

- P-03 Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



# BLAINE

TECH SERVICES INC.

1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105  
FAX (408) 573-7771  
PHONE (408) 573-0555

## CONDUCT ANALYSIS TO DETECT

LAB SEQUOIA

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

EPA

RWOCB REGION

LIA

OTHER

MJF0055

### SPECIAL INSTRUCTIONS

Send invoice to Equiva

Incident # 97093398

Send report to Blaine Tech Services

Attn: Ann Pember

CHAIN OF CUSTODY  
000601-S1  
CLIENT Equiva - Karen Petryna  
SITE 2800 Telegraph Avenue  
Oakland, CA

C = COMPOSITE ALL CONTAINERS

TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010
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SAMPLE I.D.	Date / Time	MATRIX S = SOIL W = H2O	TOTAL	CONTAINERS	CONDUCT ANALYSIS TO DETECT						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #			
					TPH - gas, BTEX	MTBE by 8020	MTBE by 8260	TPH - diesel	Oxygenates by 8260	1,2-DCA & EDB by 8010							
S-8	6/1/00 1015	W	3		XX												b/

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	
	6/1/00	1015	<u>Heck White</u>		
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<u>Heck White</u>	6/2/00	10:45	<u>[Signature]</u>	6/2/00	1045
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<u>[Signature]</u>	6/2/00		<u>[Signature]</u>	6/2/00	12150
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		

WELL GAUGING DATA

Project # 000601-51 Date 6/1/00 Client Equiva

Site 2800 Telegraph Ave. Oakland, CA

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
S-1	3					8.85	26.95	TOB
S-4	3					10.31	30.13	
S-5	3					10.11	30.62	
S-6	3					9.05	22.00	
S-8	3	odor				10.03	19.00	
S-10	3					8.13	24.24	
SR-1	6					8.59	33.95	✓

## EQUIVA WELL MONITORING DATA SHEET

BTS #: 000601-51	Site: Equiva # 204-5508-2303
Sampler: Stephan	Date: 6/1/00
Well I.D.: S-8	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 19.00	Depth to Water: 10.03
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Bailer</li> <li>Disposable Bailer</li> <li>Middleburg</li> <li>Electric Submersible</li> </ul> | <ul style="list-style-type: none"> <li>Water</li> <li>Peristaltic</li> <li>Extraction Pump</li> <li>Other</li> </ul> |
|---|--|

Sampling Method:

- Bailer
- Disposable Bailer
  - Extraction Port
  - Dedicated Tubing
  - Other

"No" (Gals) X	Purge "1" =	Gals
Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.01	1"	0.65
2	0.16	6	1.17
3"	0.37	Other	radius * 0.163

Time	Temp (°F)	pH	Cond	Turbidity	Gals Removed	Observations
1010	71.1	6.2	910.5	31.4	—	odor

Did well dewater? Yes  No  Gallons actually evacuated: —

Sampling Time: 1015 Sampling Date: 6/1/00

Sample I.D.: S-8 Laboratory: Sequoia Columbia Other

Analyzed for: PHG BTEX MIBB PHD Other

EBID (if applicable) Duplicate ID (if applicable)

Analyzed for: PHG BTEX MIBB PHD 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