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*By dehloptoxic at 1:06 pm, Aug 15, 2006*

**Denis L. Brown**

August 15, 2006

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

**Shell Oil Products US**  
HSE – Environmental Services  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039  
Tel (707) 865 0251  
Fax (707) 865 2542  
Email [denis.l.brown@shell.com](mailto:denis.l.brown@shell.com)

Re: Groundwater Monitoring Report – Second Quarter 2006  
Former Shell Service Station  
2800 Telegraph Avenue  
Oakland, California  
SAP Code 129450  
Incident No. 97093398

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Groundwater Monitoring Report – Second Quarter 2006* 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.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown  
Project Manager

August 15, 2006

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

Re: **Groundwater Monitoring Report – Second Quarter 2006**  
Former Shell Service Station/Current KFC Restaurant  
2800 Telegraph Avenue  
Oakland, California  
Incident No. 97093398  
SAP Code 129450  
Fuel Leak Case No. RO0000009



Dear Mr. Wickham:

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 2006 ACTIVITIES**

Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells and prepared a summary table of field gauging and laboratory analytical data. Cambria prepared a site vicinity and well location map (Figure 1), and a groundwater elevation/groundwater chemical concentration map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Appendix A.

To assess general groundwater quality at this location, all site wells were analyzed for total dissolved solids (TDS) and for total iron (EPA Method 6010) during this quarter. TDS concentrations ranged from 350 to 845 milligrams per liter (mg/l), which does not eliminate the groundwater from potentially being used for drinking water. The iron concentrations in the wells ranged from 5.42 to 23.9 mg/l, which all exceed the secondary Maximum Contaminant Level (MCL) of 0.3 mg/l for drinking water and for the taste and odor threshold of 0.3 mg/l. **Based solely on the iron concentrations, the groundwater at this site would not be usable as a potential source of drinking water.**

**Cambria  
Environmental  
Technology, Inc.**

270 Perkins Street  
Sonoma, CA 95476  
Tel (707) 935-4850  
Fax (707) 935-6649

# C A M B R I A

## ANTICIPATED THIRD QUARTER 2006 ACTIVITIES

Blaine will gauge and sample all site wells and Cambria will prepare a groundwater monitoring report.

## CLOSING

If you have any questions regarding the content of this document please call Dennis Baertschi at (707) 268-3813.



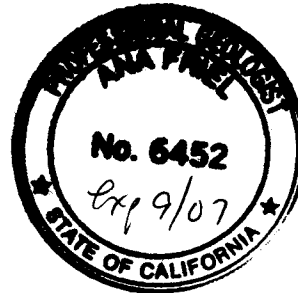
Sincerely,

**Cambria Environmental Technology, Inc.**

*Dennis Baertschi*

*for*  
Susan Lukaszewicz  
Staff Geologist

*Ana Friel*  
Ana Friel, PG  
Associate Geologist



### Attachments:

- Figure 1. Site Vicinity and Well Location Map
- Figure 2. Groundwater Elevation /Groundwater Chemical Concentration Map
  
- Appendix A. Blaine Tech Services – Groundwater Monitoring Report

cc: Denis Brown, Shell  
Harmon Management Corp.

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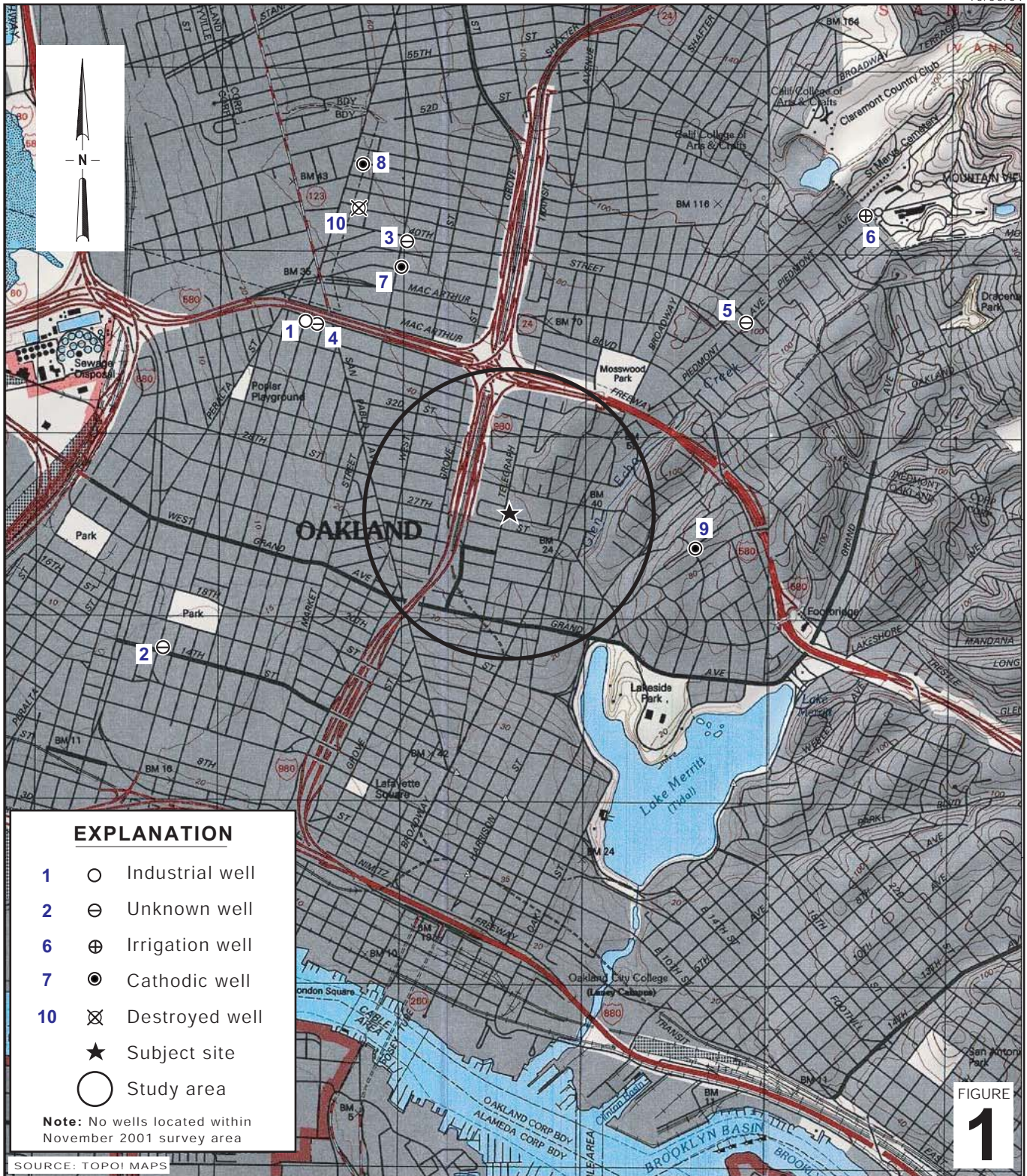


FIGURE 1

1507

SOURCE: TOPOI MAPS

0 1/4 1/2 1 2  
SCALE : 1" = 1/2 MILE

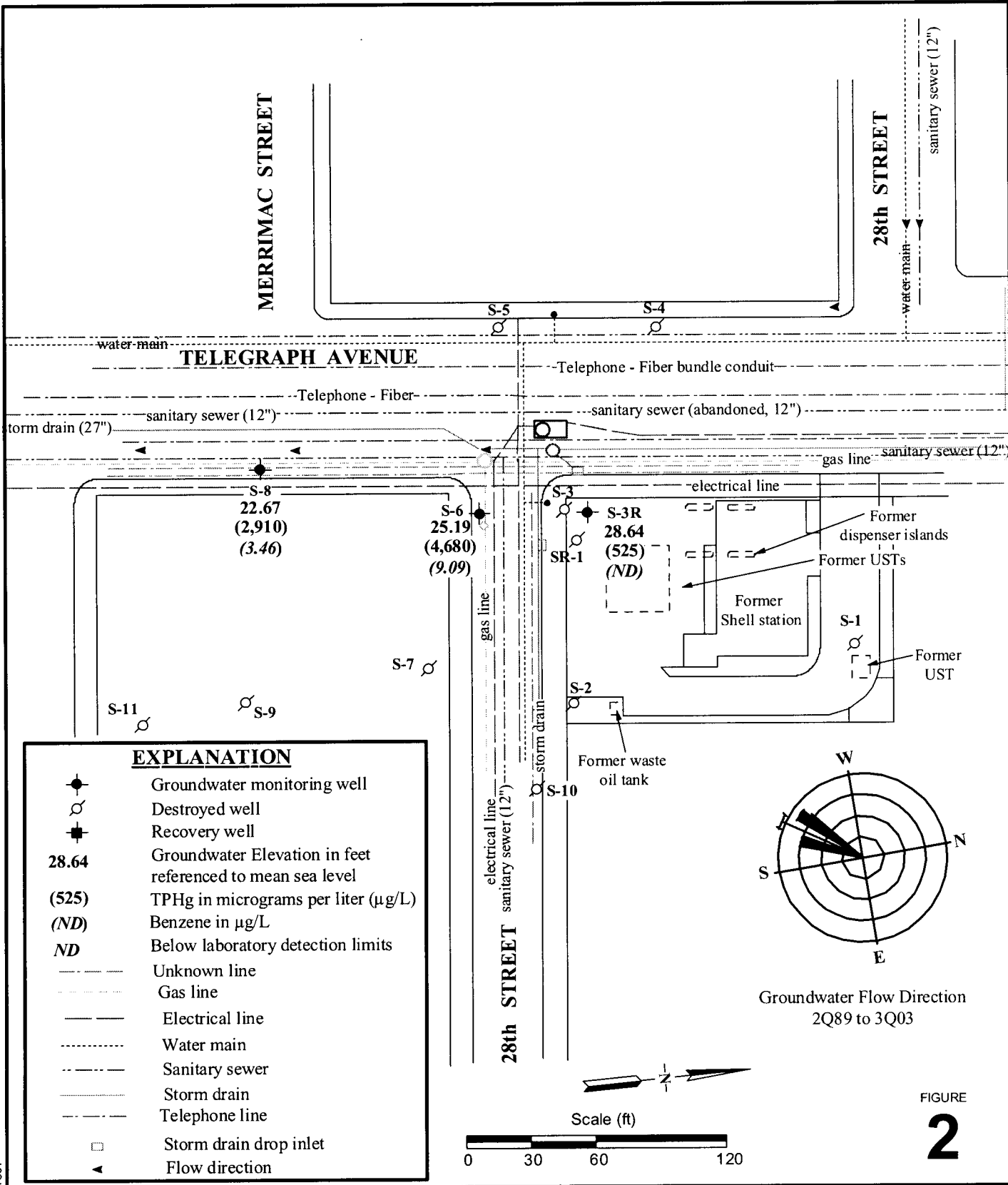
**Former Shell Service Station /  
Current KFC Restaurant**  
2800 Telegraph Avenue  
Oakland, California



C A M B R I A

**Site Vicinity and Well  
Location Map**

(1/2 Mile Radius)



EXPLANATION	
	Groundwater monitoring well
	Destroyed well
	Recovery well
<b>28.64</b>	Groundwater Elevation in feet referenced to mean sea level
<b>(525)</b>	TPHg in micrograms per liter ( $\mu\text{g/L}$ )
<b>(ND)</b>	Benzene in $\mu\text{g/L}$
<b>ND</b>	Below laboratory detection limits
	Unknown line
	Gas line
	Electrical line
	Water main
	Sanitary sewer
	Storm drain
	Telephone line
	Storm drain drop inlet
	Flow direction

1507

**Former Shell Service Station**  
 2800 Telegraph Avenue  
 Oakland, California

**Groundwater Elevation/Groundwater Chemical Concentration Map**



C A M B R I A

FIGURE  
**2**

July 6, 2006

**APPENDIX A**

**Blaine Tech Services  
Groundwater Monitoring Report**



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**BLAINE**  
TECH SERVICES INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

July 28, 2006

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

Second Quarter 2006 Groundwater Monitoring at  
Former Shell Service Station  
2800 Telegraph Avenue  
Oakland, CA

Monitoring performed on July 6, 2006

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Groundwater Monitoring Report **060706-SC-2**

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,

Mike Ninokata  
Project Coordinator

MN/ks

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

cc: Dennis Baertschi  
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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	35.31	8.81	26.50	NA
S-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	35.31	9.35	25.96	NA
S-1	02/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	35.31	9.33	25.98	NA
S-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	35.31	9.55	25.76	NA
S-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	35.31	8.97	26.34	NA
S-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	35.31	9.11	26.20	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-1	10/06/1999	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	35.31	9.50	25.81	NA
S-1	11/29/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	35.31	8.16	27.15	NA
S-1	09/18/2003	NA	NA	NA	NA	NA	NA	NA	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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	35.09	8.43	26.66	NA
S-1	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	35.09	7.34	27.75	NA
S-1	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	8.23	26.86	NA
S-1	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	9.46	25.63	NA
S-1	11/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	8.42	26.67	NA
S-1	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	8.28	26.81	NA
S-1	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	35.09	7.80	27.29	NA
S-2	05/04/1992	1600	190	6.0	240	54	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.91	10.73	23.18	NA
S-2	09/11/1992	84	19	0.7	2.2	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.91	NA	NA	NA
S-2	11/09/1992	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA
S-3	05/04/1992	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA
S-3R	03/13/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.65	4.50	28.15	NA
S-3R	03/17/2006	6930	1.99	7.79	126	90.2	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	32.65	4.28	28.37	NA
<b>S-3R</b>	<b>07/06/2006</b>	<b>525</b>	<b>&lt;0.500</b>	<b>&lt;0.500</b>	<b>5.67</b>	<b>3.50</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>32.65</b>	<b>4.01</b>	<b>28.64</b>	<b>NA</b>

**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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	34.08	9.82	24.26	NA
S-4	06/07/1993	50	9.2	5.5	3.3	14	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	34.08	10.68	23.40	NA
S-4	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	34.08	10.62	23.46	NA
S-4	02/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	34.08	10.69	23.39	NA
S-4	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	34.08	10.60	23.48	NA
S-4	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	34.08	10.51	23.57	NA
S-4	10/01/1998	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	34.08	10.48	23.60	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-4	10/06/1999	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	34.08	10.31	23.77	NA
S-4	09/08/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	34.08	10.77	23.31	NA
S-4	11/29/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	34.08	8.21	25.87	NA
S-4	09/18/2003	NA	NA	NA	NA	NA	NA	NA	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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	34.01	10.14	23.87	NA
S-4	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	34.01	9.41	24.60	NA
S-4	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	9.84	24.17	NA
S-4	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	10.50	23.51	NA
S-4	11/17/2004	<50 c	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	9.83	24.18	NA
S-4	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	9.40	24.61	NA
S-4	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	34.01	8.90	25.11	NA

S-5	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	10.30	23.12	NA
S-5	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	9.59	23.83	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-5	08/02/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	9.51	23.91	NA
S-5	05/04/1996	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	10.30	23.12	NA
S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	9.56	23.86	NA
S-5	04/17/1997	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	10.23	23.19	NA
S-5	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	9.83	23.59	NA
S-5	04/02/1998	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	10.04	23.38	NA
S-5	10/01/1998	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	9.80	23.62	NA
S-5	04/19/1999	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	10.05	23.37	NA
S-5	10/06/1999	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	9.11	24.31	NA
S-5	06/01/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	10.37	23.05	NA
S-5	11/29/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.42	7.93	25.49	NA
S-5	09/18/2003	NA	NA	NA	NA	NA	NA	NA	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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	33.26	9.77	23.49	NA
S-5	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	33.26	9.28	23.98	NA
S-5	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	9.44	23.82	NA
S-5	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	10.05	23.21	NA
S-5	11/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	9.54	23.72	NA

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S-5	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	9.39	23.87	NA
S-5	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	33.26	8.95	24.31	NA
S-6	05/04/1992	3100	640	22	23	97	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.42	23.17	NA
S-6	08/10/1992	3400	430	27	26	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	10.40	22.19	NA
S-6	11/09/1992	2000	320	15	15	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	10.16	22.43	NA
S-6	02/23/1993	14000	780	180	380	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	7.60	24.99	NA
S-6	06/07/1993	3900	1400	56	83	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.90	23.69	NA
S-6	08/13/1993	4000a	890	16	<0.5	41	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.59	10.32	22.27	NA
S-6	02/10/1994	4100	370	23	21	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.68	23.91	NA
S-6	05/03/1994	4700	550	28	85	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	9.20	23.39	NA
S-6	08/01/1994	2900	370	11	11	43	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	8.90	23.69	NA
S-6	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	32.59	9.26	23.19	NA
S-6	02/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	32.59	9.34	23.25	NA
S-6	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	32.59	9.60	22.99	NA
S-6	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	32.59	9.85	22.74	NA
S-6	10/01/1998	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.59	9.63	22.96	NA



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S-6	04/19/1999	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.59	9.33	23.26	NA
S-6	10/06/1999	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	32.59	9.65	22.94	NA
S-6	11/29/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.59	7.14	25.45	NA
S-6	09/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.36	9.14	23.22	NA
S-6	09/29/2003	1700	13	4.6	<2.5	5.8	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	32.36	9.32	23.04	NA
S-6	11/20/2003	4500	45	14	36	28	NA	<1.0	<4.0	<4.0	<4.0	<10	<1.0	<1.0	<100	32.36	8.29	24.07	NA
S-6	02/04/2004	3700	41	14	9.1	38	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	32.36	7.90	24.46	NA
S-6	04/21/2004	2800	13	6.9	5.0	12	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	8.50	23.86	NA
S-6	08/12/2004	2700	15	4.4	<2.5	<5.0	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	9.40	22.96	NA
S-6	11/17/2004	2700	13	5.6	8.1	11	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	32.36	8.23	24.13	NA
S-6	02/08/2005	1700	3.8	2.7	26	29	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	7.77	24.59	NA
S-6	05/13/2005	3000	9.0	6.6	3.7	21	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	32.36	7.25	25.11	NA
S-6	08/17/2005	1600	4.0	2.9	0.71	4.9	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.36	8.62	23.74	NA
S-6	03/17/2006	9760	15.4	9.83	32.9	44.6	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	32.36	6.31	26.05	NA
<b>S-6</b>	<b>07/06/2006</b>	<b>4680</b>	<b>9.09</b>	<b>9.16</b>	<b>3.51</b>	<b>32.6</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>32.36</b>	<b>7.17</b>	<b>25.19</b>	<b>NA</b>

S-6 (D)	08/01/1994	2600	340	8.8	7.7	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	NA	NA	NA
S-6 (D)	08/02/1995	1400	170	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.59	NA	NA	NA

S-7	05/04/1992	180	1.6	<0.5	1.5	3.0	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	12.28	21.05	NA
S-7	11/09/1992	280	16	4.0	7.8	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.77	21.56	NA
S-7	02/23/1993	210	13	2.2	5.4	12	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	10.58	22.75	NA

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S-7	08/13/1993	140	4.0	0.8	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	11.34	21.99	NA
S-7	11/18/1993	440	43	4.9	0.9	4.2	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	11.05	22.28	NA
S-7	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	11.10	22.23	NA
S-7	02/02/1996	480	2.2	2.4	7.9	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.33	8.58	24.75	NA
S-7	05/04/1996	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	11.18	22.15	NA
S-7	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	8.23	25.10	NA
S-7	04/17/1997	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	11.40	21.93	NA
S-7	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	11.65	21.68	NA
S-7	NA	Well abandoned		NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	33.33	NA	NA	NA
S-7 (D)	01/08/1997	840	15	<5.0	21	63	25	NA	NA	NA	NA	NA	NA	NA	NA	33.33	NA	NA	NA
S-7 (D)	07/01/1997	120	2.4	<0.50	2.9	2.6	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	33.33	NA	NA	NA

S-8	05/04/1992	1600	20	420	96	330	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.29	21.68	NA
S-8	08/10/1992	1500	19	37	60	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	11.12	20.85	NA
S-8	11/09/1992	710	5.7	24	28	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.71	21.26	NA
S-8	02/23/1993	3800	40	54	68	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	6.04	25.93	NA

**WELL CONCENTRATIONS**  
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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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-8	06/07/1993	1200	13	19	65	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.06	21.91	NA
S-8	08/13/1993	1300	21	23	49	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.56	21.41	NA
S-8	11/18/1993	870	16	5.3	59	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.90	21.07	NA
S-8	02/10/1994	2400	11	55	120	530	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.53	22.44	NA
S-8	05/03/1994	3100	12	27	130	370	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.06	21.91	NA
S-8	08/01/1994	1500	20	18	39	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.32	21.65	NA
S-8	11/08/1994	2100	22	38	73	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.25	22.72	NA
S-8	02/03/1995	4800	67	39	130	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.99	22.98	NA
S-8	05/04/1995	2600	31	23	71	310	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.22	22.75	NA
S-8	08/02/1995	1700	10	9.1	48	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.36	21.61	NA
S-8	11/02/1995	1200	16	13	72	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.72	21.25	NA
S-8	02/02/1996	7100	29	140	360	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.92	23.05	NA
S-8	05/04/1996	3500	13	27	110	400	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	9.86	22.11	NA
S-8	08/02/1996	850	9.6	7.4	30	160	11	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.30	21.67	NA
S-8	10/02/1996	980	<5.0	11	13	92	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	10.71	21.26	NA
S-8	01/08/1997	6400	88	48	190	500	<100	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.88	23.09	NA
S-8	04/17/1997	1700	23	7.4	34	50	74	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.97	9.27	22.70	NA
S-8	04/02/1998	4500	140	77	140	380	<12	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.97	10.50	21.47	NA
S-8	04/19/1999	3360	29.6	24.6	137	398	<100	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.97	10.70	21.27	NA
S-8	03/07/2000	16500	461	397	665	1240	229	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.97	10.03	21.94	NA

**WELL CONCENTRATIONS**  
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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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-8	09/08/2000	330	2.14	1.45	7.21	16.5	39.9	<1.00b	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.97	10.25	21.72	NA
S-8	03/09/2001	4110	80.1	23.0	90.6	95.0	70.4	NA	NA	NA	NA	NA	NA	NA	NA	31.97	8.99	22.98	NA
S-8	09/12/2001	NA	NA	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	31.97	10.67	21.30	NA
S-8	09/18/2003	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.89	NA	NA	NA
S-8	10/03/2003	1700	<2.5	8.1	53	140	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	31.89	9.99	21.90	NA
S-8	11/20/2003	7100	110	33	150	290	NA	2.8	<10	<10	<10	<25	<2.5	<2.5	<250	31.89	9.14	22.75	NA
S-8	02/04/2004	4400	41	8.6	37	120	NA	<2.5	<10	<10	<10	<25	<2.5	<2.5	<250	31.89	8.89	23.00	NA
S-8	04/21/2004	3300	11	4.0	39	150	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	9.33	22.56	NA
S-8	08/12/2004	1300	<2.5	<2.5	18	76	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	10.06	21.83	NA
S-8	11/17/2004	1900	<1.0	4.5	17	79	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	31.89	9.62	22.27	NA
S-8	02/08/2005	3700	45	5.4	21	39	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	9.03	22.86	NA
S-8	05/13/2005	3000	8.8	5.7	3.0	20	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	31.89	8.58	23.31	NA
S-8	08/17/2005	2300	<1.0	2.3	6.5	41	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	31.89	9.64	22.25	NA
S-8	03/17/2006	10000	84.0	14.9	65.1	95.8	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	31.89	8.38	23.51	NA
<b>S-8</b>	<b>07/06/2006</b>	<b>2910</b>	<b>3.46</b>	<b>0.560</b>	<b>9.12</b>	<b>47.1</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>31.89</b>	<b>9.22</b>	<b>22.67</b>	<b>NA</b>

S-8 (D)	02/10/1994	2400	11	46	100	440	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/03/1994	3000	21	25	120	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	11/08/1994	2100	20	31	75	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	02/03/1995	3700	53	30	100	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1995	3300	38	26	89	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	08/02/1995	1200	15	13	70	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	02/02/1996	7800	33	160	400	1500	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	05/04/1996	5100	19	37	190	690	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	10/02/1996	1300	<5.0	10	28	180	<25	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	04/17/1997	1600	25	7.4	30	43	34	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
S-8 (D)	01/07/1998	150	1.8	0.6	<0.50	2.2	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA

**WELL CONCENTRATIONS**  
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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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-8 (D)	07/02/1998	360	4.3	0.89	1.7	2.3	5.7	NA	NA	NA	NA	NA	NA	NA	NA	31.97	NA	NA	NA
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S-9	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.86	10.52	21.34	NA
S-9	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	31.86	9.35	22.51	NA
S-9	02/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	31.86	10.46	21.40	NA
S-9	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	31.86	10.64	21.22	NA
S-9	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	31.86	10.90	20.96	NA
S-9	NA	Well abandoned	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.95	8.54	24.41	NA
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**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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-10	08/10/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.95	8.29	24.66	NA
S-10	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	32.95	8.30	24.65	NA
S-10	02/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	32.95	9.25	23.70	NA
S-10	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	32.95	8.83	24.12	NA
S-10	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	32.95	10.41	22.54	NA
S-10	10/01/1998	NA	NA	NA	NA	NA	NA	NA	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	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	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	NA	NA	NA	NA	NA	NA	NA	32.95	8.98	23.97	NA
S-10	10/06/1999	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.95	6.01	26.94	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-10	06/01/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.95	9.10	23.85	NA
S-10	11/29/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	32.95	6.54	26.41	NA
S-10	09/18/2003	NA	NA	NA	NA	NA	NA	NA	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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.93	7.15	25.78	NA
S-10	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.93	6.80	26.13	NA
S-10	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	7.71	25.22	NA
S-10	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	9.26	23.67	NA
S-10	11/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	7.44	25.49	NA
S-10	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	6.94	25.99	NA
S-10	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.93	6.41	26.52	NA

S-11	05/04/1992	1500	55	32	57	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.99	20.79	NA
S-11	08/10/1992	750	29	13	43	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.92	19.86	NA
S-11	11/09/1992	4100	32	62	120	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.44	20.34	NA
S-11	02/23/1993	760	15	13	37	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	7.30	23.48	NA
S-11	06/07/1993	1700	40	16	100	360	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	30.78	10.39	20.39	NA
S-11	11/18/1993	150	7.8	1.0	9.0	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.64	20.14	NA
S-11	02/10/1994	4400	53	19	160	390	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	30.78	9.42	21.36	NA
S-11	08/01/1994	240	18	6.7	6.9	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.12	20.66	NA
S-11	11/08/1994	490	14	5.2	15	47	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	30.78	7.96	22.82	NA
S-11	08/02/1995	230	22	11	13	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.88	20.90	NA
S-11	11/02/1995	200	26	10	10	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.10	20.68	NA

**WELL CONCENTRATIONS**  
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S-11	02/02/1996	110	2.9	1.0	2.6	6.5	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	30.78	8.62	22.16	NA
S-11	08/02/1996	200	11	4.6	12	38	10	NA	NA	NA	NA	NA	NA	NA	NA	30.78	9.85	20.93	NA
S-11	10/02/1996	290	20	6.2	16	48	8.4	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	30.78	8.81	21.97	NA
S-11	07/01/1997	610	50	5.9	24	110	3.1	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.47	20.31	NA
S-11	10/07/1997	440	43	3.0	13	110	4.9	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	30.78	9.19	21.59	NA
S-11	10/06/1999	1210	39.1	<10.0	26.4	139	<100	NA	NA	NA	NA	NA	NA	NA	NA	30.78	10.25	20.53	NA
S-11	NA	Well Abandoned		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

SR-1	05/04/1992	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	10.29	NA	NA
SR-1	11/09/1992	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	6.64	NA	NA
SR-1	06/07/1993	NA	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA	NA	NA	NA	NA	10.02	NA	NA
SR-1	02/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	05/03/1994	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	7.98	NA	NA
SR-1	11/08/1994	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	7.20	NA	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
SR-1	05/04/1995	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	5.31	NA	NA
SR-1	11/02/1995	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	7.30	NA	NA
SR-1	05/04/1996	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	8.10	NA	NA
SR-1	10/02/1996	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	7.18	NA	NA
SR-1	04/17/1997	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	8.36	NA	NA
SR-1	10/07/1997	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	7.45	NA	NA
SR-1	04/02/1998	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	9.87	NA	NA
SR-1	10/01/1998	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	10.24	NA	NA
SR-1	04/19/1999	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	8.40	NA	NA
SR-1	10/06/1999	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	5.25	NA	NA
SR-1	06/01/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	9.22	NA	NA
SR-1	11/29/2000	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	6.78	NA	NA
SR-1	09/12/2001	NA	NA	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	9.23	NA	NA
SR-1	09/18/2003	NA	NA	NA	NA	NA	NA	NA	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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<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	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.59	6.85	25.74	NA
SR-1	02/04/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	32.59	6.58	26.01	NA

**WELL CONCENTRATIONS**  
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SR-1	04/21/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	6.96	25.63	NA
SR-1	08/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	8.42	24.17	NA
SR-1	11/17/2004	<50 c	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	7.30	25.29	NA
SR-1	02/08/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	6.44	26.15	NA
SR-1	05/13/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	32.59	6.33	26.26	NA
SR-1 (D)	11/18/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

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

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260

TBA = Tertiary 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

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

**WELL CONCENTRATIONS**  
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**Oakland, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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Notes:

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

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

c = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

Ethanol analyzed by EPA Method 8260B.

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, CA.

1Q06 Top of Casing elevation for well S-3R provided by Cambria Environmental Technology, Inc.

July 25, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)  
270 Perkins Street  
Sonoma, CA 95476  
Attn: Dennis Baertschi

Work Order: NPG0941  
Project Name: 2800 Telegraph Ave., Oakland, CA  
Project Nbr: SAP 129450  
P/O Nbr: 97093398  
Date Received: 07/11/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
S-6	NPG0941-01	07/06/06 15:00
S-8	NPG0941-02	07/06/06 15:27
S-3R	NPG0941-03	07/06/06 17:05

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

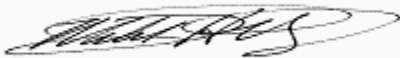
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California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Mark Hollingsworth  
Director of Project Management



Client Cambria Env. Tech. (Sonoma) / SHELL (13674)  
 270 Perkins Street  
 Sonoma, CA 95476  
 Attn Dennis Baertschi

Work Order: NPG0941  
 Project Name: 2800 Telegraph Ave., Oakland, CA  
 Project Number: SAP 129450  
 Received: 07/11/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0941-01 (S-6 - Water) Sampled: 07/06/06 15:00</b>								
General Chemistry Parameters								
Total Dissolved Solids	378		mg/L	25.0	1	07/12/06 18:40	EPA 160.1	6071942
Total Metals by EPA Method 6010B								
Iron	5.42		mg/L	0.0500	1	07/14/06 21:40	SW846 6010B	6071389
Volatile Organic Compounds by EPA Method 8260B								
Benzene	9.09		ug/L	0.500	1	07/16/06 06:00	SW846 8260B	6072513
Ethylbenzene	3.51		ug/L	0.500	1	07/16/06 06:00	SW846 8260B	6072513
Toluene	9.16		ug/L	0.500	1	07/16/06 06:00	SW846 8260B	6072513
Xylenes, total	32.6		ug/L	0.500	1	07/16/06 06:00	SW846 8260B	6072513
Surr: 1,2-Dichloroethane-d4 (70-130%)	104 %					07/16/06 06:00	SW846 8260B	6072513
Surr: Dibromofluoromethane (79-122%)	107 %					07/16/06 06:00	SW846 8260B	6072513
Surr: Toluene-d8 (78-121%)	89 %					07/16/06 06:00	SW846 8260B	6072513
Surr: 4-Bromofluorobenzene (78-126%)	91 %					07/16/06 06:00	SW846 8260B	6072513
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	4680		ug/L	50.0	1	07/16/06 06:00	CA LUFT GC/MS	6072513
Surr: 1,2-Dichloroethane-d4 (0-200%)	104 %					07/16/06 06:00	CA LUFT GC/MS	6072513
Surr: Dibromofluoromethane (0-200%)	107 %					07/16/06 06:00	CA LUFT GC/MS	6072513
Surr: Toluene-d8 (0-200%)	89 %					07/16/06 06:00	CA LUFT GC/MS	6072513
Surr: 4-Bromofluorobenzene (0-200%)	91 %					07/16/06 06:00	CA LUFT GC/MS	6072513
<b>Sample ID: NPG0941-02 (S-8 - Water) Sampled: 07/06/06 15:27</b>								
General Chemistry Parameters								
Total Dissolved Solids	845		mg/L	50.0	1	07/12/06 18:40	EPA 160.1	6071942
Total Metals by EPA Method 6010B								
Iron	14.0		mg/L	0.0500	1	07/14/06 22:11	SW846 6010B	6071389
Volatile Organic Compounds by EPA Method 8260B								
Benzene	3.46		ug/L	0.500	1	07/16/06 06:25	SW846 8260B	6072513
Ethylbenzene	9.12		ug/L	0.500	1	07/16/06 06:25	SW846 8260B	6072513
Toluene	0.560		ug/L	0.500	1	07/16/06 06:25	SW846 8260B	6072513
Xylenes, total	47.1		ug/L	0.500	1	07/16/06 06:25	SW846 8260B	6072513
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %					07/16/06 06:25	SW846 8260B	6072513
Surr: Dibromofluoromethane (79-122%)	102 %					07/16/06 06:25	SW846 8260B	6072513
Surr: Toluene-d8 (78-121%)	92 %					07/16/06 06:25	SW846 8260B	6072513
Surr: 4-Bromofluorobenzene (78-126%)	94 %					07/16/06 06:25	SW846 8260B	6072513
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	2910		ug/L	50.0	1	07/16/06 06:25	CA LUFT GC/MS	6072513
Surr: 1,2-Dichloroethane-d4 (0-200%)	98 %					07/16/06 06:25	CA LUFT GC/MS	6072513
Surr: Dibromofluoromethane (0-200%)	102 %					07/16/06 06:25	CA LUFT GC/MS	6072513
Surr: Toluene-d8 (0-200%)	92 %					07/16/06 06:25	CA LUFT GC/MS	6072513
Surr: 4-Bromofluorobenzene (0-200%)	94 %					07/16/06 06:25	CA LUFT GC/MS	6072513

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)  
 270 Perkins Street  
 Sonoma, CA 95476  
 Attn Dennis Baertschi

Work Order: NPG0941  
 Project Name: 2800 Telegraph Ave., Oakland, CA  
 Project Number: SAP 129450  
 Received: 07/11/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPG0941-03 (S-3R - Water) Sampled: 07/06/06 17:05</b>								
General Chemistry Parameters								
Total Dissolved Solids	350		mg/L	20.0	1	07/12/06 18:40	EPA 160.1	6071942
Total Metals by EPA Method 6010B								
Iron	23.9		mg/L	0.0500	1	07/14/06 17:23	SW846 6010B	6072125
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	07/16/06 06:50	SW846 8260B	6072513
Ethylbenzene	5.67		ug/L	0.500	1	07/16/06 06:50	SW846 8260B	6072513
Toluene	ND		ug/L	0.500	1	07/16/06 06:50	SW846 8260B	6072513
Xylenes, total	3.50		ug/L	0.500	1	07/16/06 06:50	SW846 8260B	6072513
Surr: 1,2-Dichloroethane-d4 (70-130%)	102 %					07/16/06 06:50	SW846 8260B	6072513
Surr: Dibromofluoromethane (79-122%)	111 %					07/16/06 06:50	SW846 8260B	6072513
Surr: Toluene-d8 (78-121%)	91 %					07/16/06 06:50	SW846 8260B	6072513
Surr: 4-Bromofluorobenzene (78-126%)	90 %					07/16/06 06:50	SW846 8260B	6072513
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	525		ug/L	50.0	1	07/16/06 06:50	CA LUFT GC/MS	6072513
Surr: 1,2-Dichloroethane-d4 (0-200%)	102 %					07/16/06 06:50	CA LUFT GC/MS	6072513
Surr: Dibromofluoromethane (0-200%)	111 %					07/16/06 06:50	CA LUFT GC/MS	6072513
Surr: Toluene-d8 (0-200%)	91 %					07/16/06 06:50	CA LUFT GC/MS	6072513
Surr: 4-Bromofluorobenzene (0-200%)	90 %					07/16/06 06:50	CA LUFT GC/MS	6072513

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### SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Total Metals by EPA Method 6010B							
SW846 6010B	6071389	NPG0941-01	50.00	50.00	07/13/06 17:30	JLS	EPA 3010A
SW846 6010B	6071389	NPG0941-02	50.00	50.00	07/13/06 17:30	JLS	EPA 3010A
SW846 6010B	6072125	NPG0941-03	50.00	50.00	07/13/06 14:30	JLS	EPA 3010A

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**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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**General Chemistry Parameters**

**6071942-BLK1**

Total Dissolved Solids	<5.00		mg/L	6071942	6071942-BLK1	07/12/06 18:40
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**Total Metals by EPA Method 6010B**

**6071389-BLK1**

Iron	<0.0320		mg/L	6071389	6071389-BLK1	07/14/06 20:03
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**6072125-BLK1**

Iron	<0.0320		mg/L	6072125	6072125-BLK1	07/14/06 17:00
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**Volatile Organic Compounds by EPA Method 8260B**

**6072513-BLK1**

Benzene	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Ethylbenzene	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Toluene	<0.200		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Xylenes, total	<0.350		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 1,2-Dichloroethane-d4	103%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Dibromofluoromethane	110%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Toluene-d8	88%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 4-Bromofluorobenzene	87%			6072513	6072513-BLK1	07/15/06 22:57

**Purgeable Petroleum Hydrocarbons**

**6072513-BLK1**

Gasoline Range Organics	<50.0		ug/L	6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 1,2-Dichloroethane-d4	103%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Dibromofluoromethane	110%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: Toluene-d8	88%			6072513	6072513-BLK1	07/15/06 22:57
Surrogate: 4-Bromofluorobenzene	87%			6072513	6072513-BLK1	07/15/06 22:57

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**PROJECT QUALITY CONTROL DATA**  
**Duplicate**

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>General Chemistry Parameters</b>									
<b>6071942-DUP1</b>									
Total Dissolved Solids	845	865		mg/L	2	20	6071942	NPG0941-02	07/12/06 18:40

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 Project Number: SAP 129450  
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**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>General Chemistry Parameters</b>								
<b>6071942-BS1</b>								
Total Dissolved Solids	100	109		ug/mL	109%	90 - 110	6071942	07/12/06 18:40
<b>Total Metals by EPA Method 6010B</b>								
<b>6071389-BS1</b>								
Iron	1.00	0.932		mg/L	93%	80 - 120	6071389	07/14/06 20:08
<b>6072125-BS1</b>								
Iron	1.00	0.976		mg/L	98%	80 - 120	6072125	07/14/06 17:05
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6072513-BS1</b>								
Benzene	50.0	57.2		ug/L	114%	79 - 123	6072513	07/15/06 22:07
Ethylbenzene	50.0	51.9		ug/L	104%	79 - 125	6072513	07/15/06 22:07
Toluene	50.0	52.2		ug/L	104%	78 - 122	6072513	07/15/06 22:07
Xylenes, total	150	158		ug/L	105%	79 - 130	6072513	07/15/06 22:07
Surrogate: 1,2-Dichloroethane-d4	50.0	51.8			104%	70 - 130	6072513	07/15/06 22:07
Surrogate: Dibromofluoromethane	50.0	53.1			106%	79 - 122	6072513	07/15/06 22:07
Surrogate: Toluene-d8	50.0	44.4			89%	78 - 121	6072513	07/15/06 22:07
Surrogate: 4-Bromofluorobenzene	50.0	43.9			88%	78 - 126	6072513	07/15/06 22:07
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6072513-BS1</b>								
Gasoline Range Organics	3050	2650		ug/L	87%	67 - 130	6072513	07/15/06 22:07
Surrogate: 1,2-Dichloroethane-d4	50.0	51.8			104%	70 - 130	6072513	07/15/06 22:07
Surrogate: Dibromofluoromethane	50.0	53.1			106%	70 - 130	6072513	07/15/06 22:07
Surrogate: Toluene-d8	50.0	44.4			89%	70 - 130	6072513	07/15/06 22:07
Surrogate: 4-Bromofluorobenzene	50.0	43.9			88%	70 - 130	6072513	07/15/06 22:07

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)  
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Work Order: NPG0941  
 Project Name: 2800 Telegraph Ave., Oakland, CA  
 Project Number: SAP 129450  
 Received: 07/11/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>General Chemistry Parameters</b>												
<b>6071942-BSD1</b>												
Total Dissolved Solids		105		ug/mL	100	105%	90 - 110	4	20	6071942		07/12/06 18:40

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 Project Name: 2800 Telegraph Ave., Oakland, CA  
 Project Number: SAP 129450  
 Received: 07/11/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Total Metals by EPA Method 6010B</b>										
<b>6071389-MS1</b>										
Iron	0.548	1.44		mg/L	1.00	89%	75 - 125	6071389	NPG0673-01	07/14/06 21:03
<b>6072125-MS1</b>										
Iron	0.320	1.26		mg/L	1.00	94%	75 - 125	6072125	NPG1296-01	07/14/06 18:37
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6072513-MS1</b>										
Benzene	ND	51.7		ug/L	50.0	103%	71 - 137	6072513	NPG0945-01	07/16/06 07:15
Ethylbenzene	ND	46.9		ug/L	50.0	94%	72 - 139	6072513	NPG0945-01	07/16/06 07:15
Toluene	ND	48.6		ug/L	50.0	97%	73 - 133	6072513	NPG0945-01	07/16/06 07:15
Xylenes, total	ND	144		ug/L	150	96%	70 - 143	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 1,2-Dichloroethane-d4		49.8		ug/L	50.0	100%	70 - 130	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Toluene-d8		44.9		ug/L	50.0	90%	78 - 121	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 4-Bromofluorobenzene		43.3		ug/L	50.0	87%	78 - 126	6072513	NPG0945-01	07/16/06 07:15
<b>Purgeable Petroleum Hydrocarbons</b>										
<b>6072513-MS1</b>										
Gasoline Range Organics	ND	2160		ug/L	3050	71%	60 - 140	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 1,2-Dichloroethane-d4		49.8		ug/L	50.0	100%	0 - 200	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	0 - 200	6072513	NPG0945-01	07/16/06 07:15
Surrogate: Toluene-d8		44.9		ug/L	50.0	90%	0 - 200	6072513	NPG0945-01	07/16/06 07:15
Surrogate: 4-Bromofluorobenzene		43.3		ug/L	50.0	87%	0 - 200	6072513	NPG0945-01	07/16/06 07:15



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Work Order: NPG0941  
 Project Name: 2800 Telegraph Ave., Oakland, CA  
 Project Number: SAP 129450  
 Received: 07/11/06 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Total Metals by EPA Method 6010B</b>												
<b>6071389-MSD1</b>												
Iron	0.548	1.46		mg/L	1.00	91%	75 - 125	1	20	6071389	NPG0673-01	07/14/06 21:08
<b>6072125-MSD1</b>												
Iron	0.320	1.34		mg/L	1.00	102%	75 - 125	6	20	6072125	NPG1296-01	07/14/06 18:42
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6072513-MSD1</b>												
Benzene	ND	51.2		ug/L	50.0	102%	71 - 137	1	23	6072513	NPG0945-01	07/16/06 07:40
Ethylbenzene	ND	47.5		ug/L	50.0	95%	72 - 139	1	23	6072513	NPG0945-01	07/16/06 07:40
Toluene	ND	47.4		ug/L	50.0	95%	73 - 133	2	25	6072513	NPG0945-01	07/16/06 07:40
Xylenes, total	ND	142		ug/L	150	95%	70 - 143	1	27	6072513	NPG0945-01	07/16/06 07:40
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	70 - 130			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	79 - 122			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Toluene-d8		45.0		ug/L	50.0	90%	78 - 121			6072513	NPG0945-01	07/16/06 07:40
Surrogate: 4-Bromofluorobenzene		43.2		ug/L	50.0	86%	78 - 126			6072513	NPG0945-01	07/16/06 07:40
<b>Purgeable Petroleum Hydrocarbons</b>												
<b>6072513-MSD1</b>												
Gasoline Range Organics	ND	2080		ug/L	3050	68%	60 - 140	4	40	6072513	NPG0945-01	07/16/06 07:40
Surrogate: 1,2-Dichloroethane-d4		49.2		ug/L	50.0	98%	0 - 200			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Dibromofluoromethane		53.5		ug/L	50.0	107%	0 - 200			6072513	NPG0945-01	07/16/06 07:40
Surrogate: Toluene-d8		45.0		ug/L	50.0	90%	0 - 200			6072513	NPG0945-01	07/16/06 07:40
Surrogate: 4-Bromofluorobenzene		43.2		ug/L	50.0	86%	0 - 200			6072513	NPG0945-01	07/16/06 07:40

Client Cambria Env. Tech. (Sonoma) / SHELL (13674)  
 270 Perkins Street  
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Work Order: NPG0941  
 Project Name: 2800 Telegraph Ave., Oakland, CA  
 Project Number: SAP 129450  
 Received: 07/11/06 08:00

### CERTIFICATION SUMMARY

**TestAmerica - Nashville, TN**

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
EPA 160.1	Water	N/A	X	X
NA	Water			
SW846 6010B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

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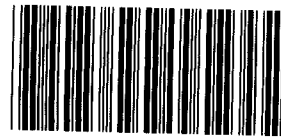
## NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
CA LUFT GC/MS	Water	Gasoline Range Organics

**Nashville Division**  
**COOLER RECEIPT FORM**

BC#



NPG0941

Cooler Received/Opened On: 7/11/06@8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 9748

Fed-EX+6

Temperature of representative sample or temperature blank when opened: 5.4 Degrees Celsius  
(indicate IR Gun ID#)

101282

3. Were custody seals on outside of cooler?..... YES...NO...NA  
a. If yes, how many and where: 2 Front
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA  
were these signed, and dated correctly?..... YES...NO...NA
7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert  
Plastic bag Paper Other \_\_\_\_\_ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
9. Did all containers arrive in good condition ( unbroken)?..... YES...NO...NA
10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
11. Did all container labels and tags agree with custody papers?..... YES...NO...NA
12. a. Were VOA vials received?..... YES...NO...NA  
b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA  
b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA  
If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

14. Was residual chlorine present?..... YES...NO...NA  
I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
17. Were correct containers used for the analysis requested?..... YES...NO...NA
18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # \_\_\_\_\_

LAB:

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- Calscience
- Other \_\_\_\_\_



# SHELL Chain Of Custody Record

9

NAME OF PERSON TO BILL: Denis Brown

INCIDENT # (ES ONLY)

9 7 0 9 3 3 9 8

DATE: 7/06/06

ENVIRONMENTAL SERVICES

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

NETWORK DEV / FE

BILL CONSULTANT

COMPLIANCE

RMT/CRMT

SAP or CRMT #

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS: Street and City  
2800 Telegraph Ave., Oakland

State: CA

GLOBAL ID NO.: T0600101244

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

EDF DELIVERABLE TO (Name, Company, Office Location)

PHONE NO.

E-MAIL: sonomaedf@cambria-env.com

CONSULTANT PROJECT NO: 060706-SI-2  
BTS #

PROJECT CONTACT (Hardcopy or PDF Report to)

Michael Ninokata

TELEPHONE: 408-573-0555  
FAX: 408-573-7771  
E-MAIL: mninokata@blainetech.com

Dennis Baertschi, Cambria, Eureka Office 707-268-3813

SAMPLER NAME(S) (Print)

Steve Carmack

LAB USE ONLY

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS)  RESULTS NEEDED

BTDT  5 DAY  3 DAY  2 DAY  24 HOURS ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- EDD NOT NEEDED
- SHELL CONTRACT RATE APPLIES
- STATE REIMB RATE APPLIES
- RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

NPG0941

07/25/06 23:59

5.40L

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TDS (160.1)	Total Iron (6010B)		
			DATE	TIME																			
	S-6	✓	7/6/06	1500	H <sub>2</sub> O	5	X	X															NPG 0941-01
	S-8	✓	7/6/06	1527	H <sub>2</sub> O	5	X	X															02
	S-3R	✓	7/6/06	1705	H <sub>2</sub> O	5	X	X															03

Relinquished by: (Signature) *[Signature]*

Received by: (Signature) *[Signature]* (sample custodian)

Date: 7/6/06

Time: 1855

Relinquished by: (Signature) *[Signature]*

Received by: (Signature) *[Signature]*

Date: 7/7/06

Time: 1230

Relinquished by: (Signature) *[Signature]*

Received by: (Signature) *[Signature]*

Date: 7-7-06

Time: 1830

*[Handwritten signature]*

14/06 7/11/06 800

7-10-06

0945

05/02/06 Revision

# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Shell  
 REC. BY (PRINT) EH  
 WORKORDER: \_\_\_\_\_

DATE REC'D AT LAB: 7/7/06  
 TIME REC'D AT LAB: 1830  
 DATE LOGGED IN: \_\_\_\_\_

For Regulatory Purposes?  
 DRINKING WATER YES / NO  
 WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <u>Absent</u> Intact / Broken*			S-6	3 JCAS	HEL	-	L	7/6	
2. Chain-of-Custody <u>Present</u> / Absent*			<del>S-8</del>	1L Poly	-	↓	↓	↓	
3. Traffic Reports or Packing List: Present / <u>Absent</u>			S-8	250ml Poly	HNO <sub>3</sub>	↓	↓	↓	
4. Airbill: Airbill / Sticker Present / <u>Absent</u>			S-3R	SAME	SAME	↓	↓	↓	
5. Airbill #:									
6. Sample Labels: <u>Present</u> / Absent									
7. Sample IDs: <u>Listed</u> / Not Listed on Chain-of-Custody									
8. Sample Condition: <u>Intact</u> / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes</u> / No*									
10. Sample received within hold time? <u>Yes</u> / No*									
11. Adequate sample volume received? <u>Yes</u> / No*									
12. Proper preservatives used? <u>Yes</u> / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes <u>No</u>									
14. Read Temp: <u>24</u> Corrected Temp: <u>24</u> Is corrected temp 4 +/-2°C? <u>Yes</u> / No**									

7/7/06 EH

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

# WELLHEAD INSPECTION CHECKLIST

Client Shell Date 7/06/06  
 Site Address 2800 Telegraph Ave, Oakland  
 Job Number 060706-SC-2 Technician Steve

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
S-3R										
S-6										
S-8										

NOTES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## WELL GAUGING DATA

Project # 060706-SC-2 Date 7/06/06 Client Shell

Site 2800 Telegraph Ave, 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
S-3R						4.01	13.25	↓
<del>Well parked over</del>								
S-6	3					7.17	21.68	
S-8	3					9.22	18.90	↓



## SHELL WELL MONITORING DATA SHEET

BTS #: 060706-5C2	Site: 8800 Telegraph Ave. Oakland, CA
Sampler: Sr Carmack	Date: 07/06/06
Well I.D.: S-3R	Well Diameter: 2 3 <b>4</b> 6 8
Total Well Depth (TD): 13.25	Depth to Water (DTW): 4.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <b>PVC</b> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.86	

Purge Method:  Bailer      Waterra      Sampling Method:  Bailer  
 Disposable Bailer      Peristaltic       Disposable Bailer  
 Positive Air Displacement      Extraction Pump       Extraction Port  
 Electric Submersible      Other \_\_\_\_\_       Dedicated Tubing

6.1 (Gals.) X 3 = 18.3 Gals. 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1637	77.2	6.6	557	120	6.1	slightly cldy.
1651	71.4	7.0	200	415	12.2	gerson out of gasoline hand bail start cldy
1657	71.2	7.0	207	622	18.3	cldy; faint odor

Did well dewater? Yes  No  Gallons actually evacuated: 18.3

Sampling Date: 07/06/06      Sampling Time: 7:12:05      Depth to Water: 4.32

Sample I.D.: S-3R      Laboratory: STL      Other: TR

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>060706-S-2</u>	Site: <u>2800 Telegraph Ave., Oakland</u>
Sampler: <u>WL/SC</u>	Date: <u>7/06/06</u>
Well I.D.: <u>S-6</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>21.68</u>	Depth to Water (DTW): <u>7.17</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>10.07</u>	

Purge Method: Bailer  Watera  Sampling Method: Bailer  
 Disposable Bailer  Peristaltic  Disposable Bailer   
 Positive Air Displacement  Extraction Pump  Extraction Port   
 Electric Submersible  Other \_\_\_\_\_ Dedicated Tubing

Other: \_\_\_\_\_

5.4 (Gals.) X 3 = 16.2 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1448	71.1	6.2	389	674	5.4	clearing/odor
1448					6 gallons	well dewatered @ good recharge
1459	70.3	7.0	373	21		

Did well dewater? Yes No      Gallons actually evacuated: 6

Sampling Date: 7/06/06      Sampling Time: 1500      Depth to Water: 9.95

Sample I.D.: S-6      Laboratory: STL Other 7A

Analyzed for: TPH-G BTEX MTBE TPH-D Other: see 100

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

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>060706-SE-2</u>	Site: <u>2800 Telegraph Ave., Oakland</u>
Sampler: <u>we/sc</u>	Date: <u>7/06/06</u>
Well I.D.: <u>3-4</u>	Well Diameter: 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/>
Total Well Depth (TD): <u>18.90</u>	Depth to Water (DTW): <u>9.22</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>EVG</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.16</u>	

Purge Method: Bailer <input checked="" type="radio"/> Disposable Bailer <input type="radio"/> Positive Air Displacement <input type="radio"/> Electric Submersible	Waterra <input type="radio"/> Peristaltic <input type="radio"/> Extraction Pump <input type="radio"/> Other	Sampling Method: <input checked="" type="radio"/> Bailer <input checked="" type="radio"/> Disposable Bailer <input type="radio"/> Extraction Port <input type="radio"/> Dedicated Tubing Other:
---	--	---

$\frac{3.5 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = 10.5 \text{ Gals.}$ Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>US</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1509	69.9	6.6	725	14	3.5	clear/odor
1515	70.0	6.6	771	19	7.0	↓
1521	70.3	6.7	790	17	10.5	↓

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: <u>10.5</u>
Sampling Date: <u>7/06/06</u> Sampling Time: <u>1527</u> Depth to Water: <u>9.56</u>	
Sample I.D.: <u>S-4</u> Laboratory: STL Other: <u>TA</u>	
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> TPH-D Other: <u>see COO</u>	
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: <input type="text"/> mg/L Post-purge: <input type="text"/> mg/L	
O.R.P. (if req'd): Pre-purge: <input type="text"/> mV Post-purge: <input type="text"/> mV	