



Shell Oil Products US

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By dehloptoxic at 8:37 am, Sep 28, 2006

April 19, 2006

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

Subject: Former Shell Service Station
461 8th Street
Oakland, California
SAP code 129453

Dear Mr. Chan:

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

As always, please feel free to contact me directly at (707) 865-0251 with any questions or concerns.

Sincerely,

Shell Oil Products US

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

Denis L. Brown
Project Manager

April 19, 2006

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

Re: **Groundwater Monitoring Report - First Quarter 2006**
Former Shell Service Station
461 8th Street
Oakland, California
SAP Code 129453
ACHCSA File: RO0000343



Dear Mr. Chan:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

FIRST QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells, except S-5, and prepared a summary table of field gauging and laboratory analytical data. Cambria prepared a vicinity/area well survey map (Figure 1) and a groundwater contour/chemical concentration map (Figure 2). Blaine's report, presenting the laboratory report, is included as Appendix A.

Other Activities: Cambria continued to correspond with the new property owner concerning receiving a copy of the subsurface investigation data from their pre-purchase activities.

ANTICIPATED SECOND QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine will gauge all accessible wells, sample selected wells, and tabulate the data. Cambria will prepare a groundwater monitoring report.

Other Activities: On April 10, 2006, Cambria received a copy of the *Subsurface Investigation Report* dated March 27, 2006 prepared by Treadwell & Rollo for A.F. Evans Development, Inc. Cambria will review the data included in that document and prepare an appropriate work plan to

**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

further investigate residual impact at the former Shell site. The work plan will be submitted by the end of the second quarter, and Shell will negotiate terms of access for implementation of the work plan with the new property owner and their current tenant.

A.F. Evans has informed Cambria that construction activities at this site are scheduled to begin in March 2007.


CLOSING

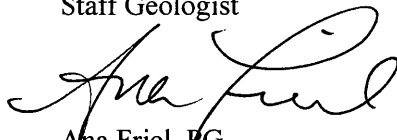


If you have any questions regarding this document, please call Ana Friel at (707) 268-3812.

Sincerely,

Cambria Environmental Technology, Inc.


per Kevin Taylor
Staff Geologist


Ana Friel, PG
Senior Project Geologist

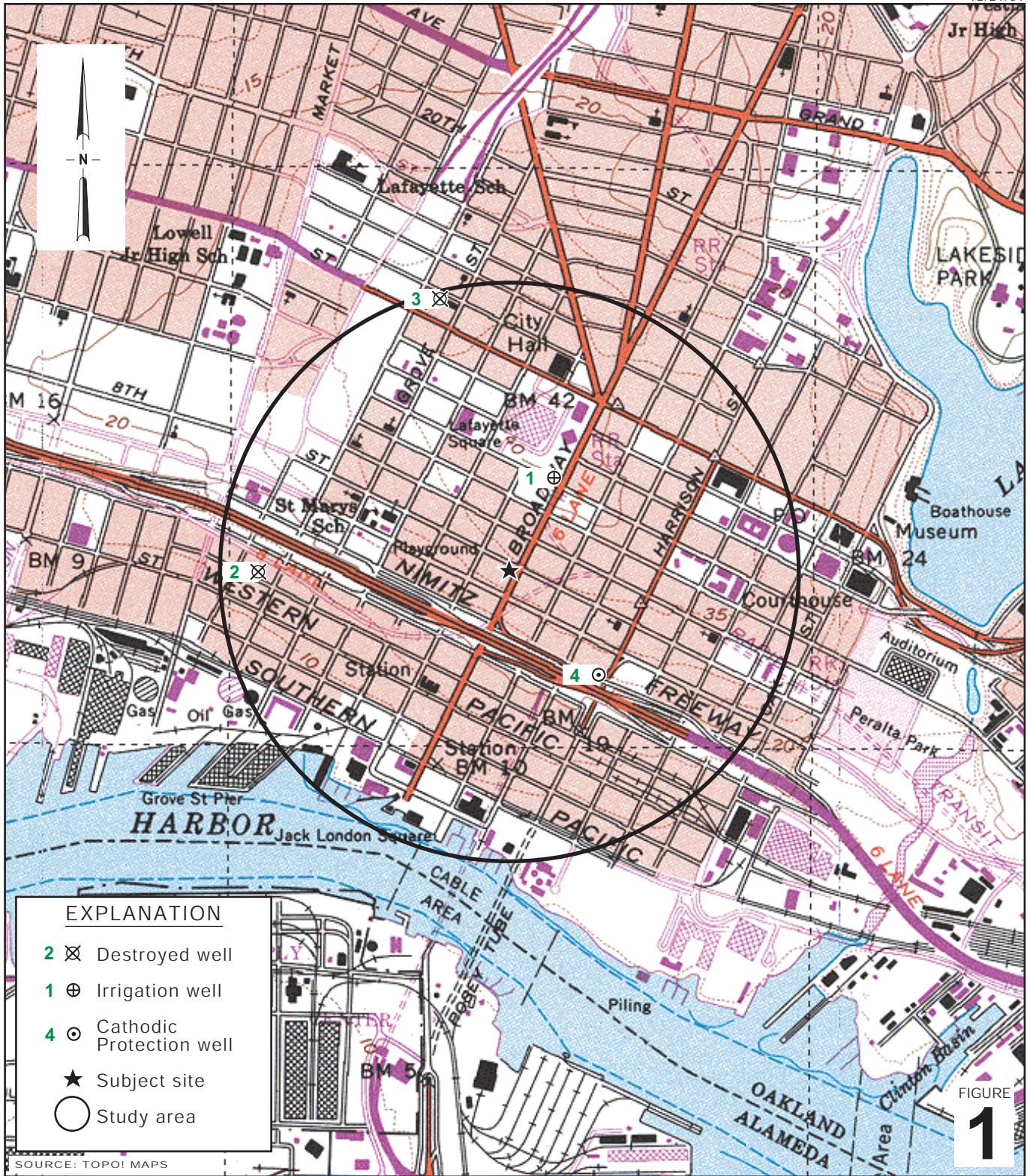


Attachments:

- Figure 1. Vicinity/Area Well Survey Map
- Figure 2. Groundwater Contour/Chemical Concentration Map

- Appendix A. Blaine Tech Services, Inc. - Groundwater Monitoring Report

cc: Denis Brown, Shell
A.F. Evans Company (Property Owners), c/o Greg Lunkes
R. Casteel & Co.
Leroy Griffin, City of Oakland Fire Prevention Bureau



Former Shell Service Station
 461 8th Street
 Oakland, California

















C A M B R I A

**Vicinity/Area Well
 Survey Map**

1/2 Mile Radius

EXPLANATION

-  Proposed soil boring location
 -  S-4 Groundwater monitoring well
 -  S-1 Abandoned monitoring well
 -  xx.xx Groundwater elevation contour in feet referenced to mean sea level (ft msl).
 -  Approximate groundwater flow direction
 - 13.45** Groundwater elevation, in feet above msl
 - (7,060)** Benzene concentrations in parts per billion (ppb)
 - (<130)** MTBE concentrations in ppb
 - (1.5/<0.50, 17-Jan-05)** Benzene/MTBE concentrations in ppb, date last sampled
 - MH  Manhole
 - FL = 16.50' Flow line depth below ground surface
 -  Flow direction indicator
 -  Underground BART line (B)
 -  Storm Drain line (SD)
 -  Water line (W)
 -  Sanitary Sewer line (SS)
 -  Pacific Bell line (T)
 -  Gas line (G)
 -  Electrical line (E)
 - Approximate hydraulic gradient = 0.008
- Note: Because well S-5 is located in confined space, it is no longer gauged or sampled

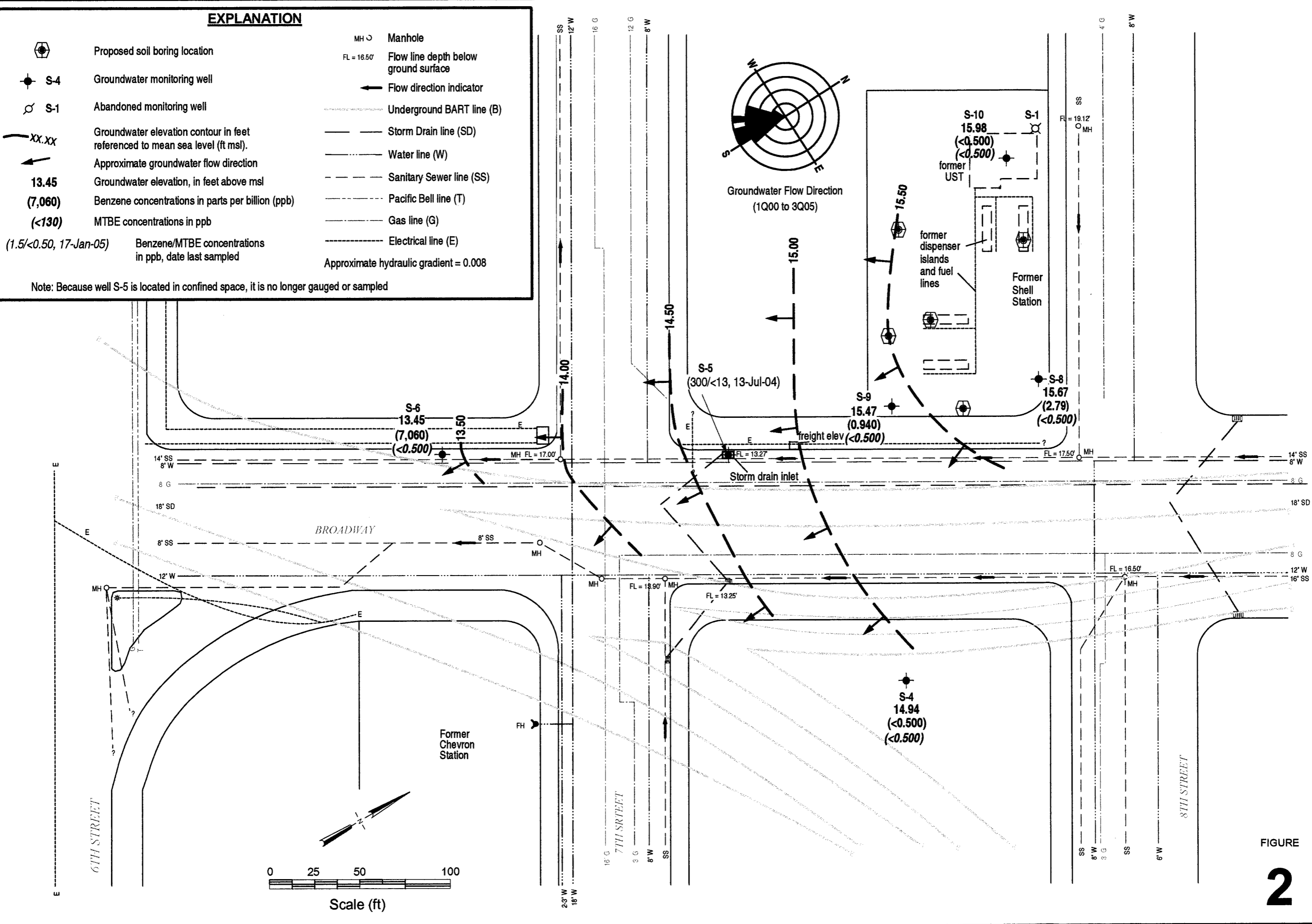


FIGURE
2

Appendix A
Blaine Tech Services, Inc.
Groundwater Monitoring Report



GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

March 8, 2006

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

First Quarter 2006 Groundwater Monitoring at
Former Shell Service Station
461 8th Street
Oakland, CA

Monitoring performed on February 9, 2006

Groundwater Monitoring Report **060209-DR-3**

This report covers the routine monitoring of groundwater wells at this former Shell facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purge water (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: Ana Friel
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	10/26/1988	130	3.8	13	4.0	30	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	02/14/1989	<50	0.5	<1	<1	3.0	NA	NA	NA	NA	NA	NA	93.51 (TOC)	12.82	80.69	NA
S-4	05/01/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	16.48	77.03	NA
S-4	07/27/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.84	77.67	NA
S-4	10/05/1989	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.98	77.53	NA
S-4	01/09/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.86	77.65	NA
S-4	04/30/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.48	79.03	NA
S-4	07/31/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	10/30/1990	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	05/06/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.23	78.28	NA
S-4	06/27/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	93.51 (TOC)	13.54	79.97	NA
S-4	09/24/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.85	77.66	NA
S-4	11/07/1991	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	15.60	77.91	NA
S-4	02/13/1992	<50	<0.5	<0.5	<0.5	3.0	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.27	79.24	NA
S-4	05/11/1992	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	05/13/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.81	78.70	NA
S-4	07/22/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.42	79.09	NA
S-4	10/20/1993	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	NA	NA	NA
S-4	01/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.60	78.91	NA
S-4	04/25/1994	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	93.51 (TOC)	14.39	79.12	NA
S-4	07/21/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.29	71.22	NA
S-4	10/24/1994	<500	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	93.51 (TOC)	22.72	70.79	NA
S-4	12/22/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	25.77*	22.25	3.52	NA
S-4	04/20/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	25.77	21.16	4.61	NA
S-4	10/04/1995	<50	1.2	0.7	<0.5	<0.5	NA	NA	NA	NA	NA	NA	25.77	22.25	3.52	NA
S-4	01/03/1996	<50	0.6	<0.5	<0.5	1.7	NA	NA	NA	NA	NA	NA	25.77	23.28	2.49	NA
S-4	04/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	25.77	21.58	4.19	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	07/11/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	21.60	4.17	NA
S-4	10/02/1996	<50	<0.50	<0.50	<0.50	<0.50	2.6	NA	NA	NA	NA	NA	25.77	22.46	3.31	NA
S-4	01/22/1997	<50	0.73	<0.50	<0.50	0.63	<2.5	NA	NA	NA	NA	NA	25.77	20.06	5.71	NA
S-4	07/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	22.10	3.67	NA
S-4	01/22/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	20.50	5.27	NA
S-4	07/08/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	20.86	4.91	NA
S-4	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.41	4.36	NA
S-4	01/28/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	22.34	3.43	NA
S-4	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.43	4.34	NA
S-4	07/29/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	25.77	21.45	4.32	NA
S-4	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.08	3.69	NA
S-4	01/07/2000	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	25.77	22.29	3.48	NA
S-4	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.11	4.66	NA
S-4	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	25.77	21.19	4.58	NA
S-4	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	22.22	3.55	NA
S-4	01/09/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	25.77	22.17	3.60	NA
S-4	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.50	4.27	NA
S-4	07/25/2001	<50	2.0	0.52	<0.50	1.0	NA	<5.0	NA	NA	NA	NA	25.77	21.50	4.27	NA
S-4	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.95	3.82	NA
S-4	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	25.77	21.13	4.64	NA
S-4	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.77	21.35	4.42	NA
S-4	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.41	21.19	13.22	NA
S-4	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.42	12.99	NA
S-4	01/02/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.41	20.75	13.66	NA
S-4	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.08	13.33	NA
S-4	07/14/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.93	14.48	NA
S-4	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.56	14.85	NA
S-4	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.41	19.12	15.29	NA

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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-4	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.15	15.26	NA
S-4	07/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.48	13.93	NA
S-4	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	21.00	13.41	NA
S-4	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.41	20.17	14.24	NA
S-4	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	19.82	14.59	NA
S-4	07/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.71	13.70	NA
S-4	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.41	20.85	13.56	NA
S-4	02/09/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	34.41	19.47	14.94	NA

S-5	04/16/1987	130000	15000	16000	NA	14000a	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	10/26/1988	110000	20000	25000	2300	10000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	02/14/1989	94000	16000	21000	1800	10000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	19.87	79.49	NA
S-5	05/01/1989	120000	29000	35000	3100	15000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.23	78.13	NA
S-5	07/27/1989	110000	20000	29000	2400	14000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.41	78.95	NA
S-5	10/05/1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.43	78.94	0.01
S-5	01/09/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.16	78.21	0.01
S-5	04/30/1990	100000	13000	22000	2100	11000	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.96	78.40	NA
S-5	07/31/1990	53000	8300	14000	1200	7400	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.88	78.48	NA
S-5	10/30/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.96	77.42	0.03
S-5	05/06/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	23.00	76.46	0.13
S-5	06/27/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.53	78.85	0.03
S-5	09/24/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.40	78.01	0.06
S-5	11/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.33	78.23	0.25
S-5	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.52	77.09	0.31
S-5	05/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.46	77.36	0.58
S-5	12/03/1992	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	NA	NA	NA
S-5	05/13/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.22	77.36	0.27
S-5	07/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.68	77.88	0.25

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
Oakland, CA

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S-5	10/20/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.51	79.03	0.23
S-5	01/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.93	77.57	0.18
S-5	04/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.97	77.67	0.35
S-5	05/26/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	20.84	78.80	0.35
S-5	06/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	21.01	78.61	0.32
S-5	07/21/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.18	77.56	0.47
S-5	08/25/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.01	77.70	0.44
S-5	09/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.00	77.48	0.15
S-5	10/24/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.36 (TOC)	22.28	77.53	0.56
S-5	12/22/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94*	22.88	0.85	0.99
S-5	04/20/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.66	1.54	0.33
S-5	10/04/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.18	0.76	NA
S-5	01/03/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.80	0.80	0.83
S-5	04/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.15	2.33	0.67
S-5	07/11/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	22.62	1.04	0.90
S-5	10/02/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	23.07	0.38	0.64
S-5	01/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.83	2.24	0.16
S-5	07/21/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	21.16	1.82	0.05
S-5	01/22/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	20.04	2.93	0.04
S-5	07/08/1998	220	14	40	5.8	34	3.3	NA	NA	NA	NA	NA	22.94	18.61	4.33	NA
S-5	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	17.31	5.63	NA
S-5	01/28/1999	51000	13000	1200	1200	2400	2400	NA	NA	NA	NA	NA	22.94	20.11	2.83	NA
S-5	04/23/1999	65600	2540	7300	1790	9840	<1000	NA	NA	NA	NA	NA	22.94	19.21	3.73	NA
S-5	07/29/1999	61400	3320	6980	1520	7700	<1000	NA	NA	NA	NA	NA	22.94	14.77	8.17	NA
S-5	11/01/1999	48200	2700	5740	1290	7850	<500	<40.0	NA	NA	NA	NA	22.94	15.56	7.38	NA
S-5	01/07/2000	39000	3900	8500	790	8300	1500	NA	NA	NA	NA	NA	22.94	15.82	7.12	NA
S-5	04/11/2000	29300	1680	5060	1130	6220	<250	NA	NA	NA	NA	NA	22.94	18.19	4.75	NA
S-5	07/19/2000	6420	2110	207	252	681	355	253b	NA	NA	NA	NA	22.94	19.01	3.93	NA

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S-5	10/12/2000	41500	2940	4940	1520	7770	<250	<66.7	NA	NA	NA	NA	22.94	19.62	3.32	NA
S-5	01/09/2001	142000	7030	9550	2340	12600	779	NA	NA	NA	NA	NA	22.94	19.94	3.00	NA
S-5	04/06/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA
S-5	04/13/2001	59800	4810	10800	1950	10100	842	<10.0	NA	NA	NA	NA	22.94	14.72	8.22	NA
S-5	07/25/2001	71000	2900	6800	1700	9100	NA	<250	NA	NA	NA	NA	22.94	14.91	8.03	NA
S-5	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	19.43	3.51	NA
S-5	11/01/2001	Unable to locate		NA	NA	NA	NA	NA	NA	NA	NA	NA	22.94	NA	NA	NA
S-5	01/17/2002 d	58000	460	3300	1900	8400	NA	<200	NA	NA	NA	NA	c	14.27	NA	NA
S-5	05/08/2002 d	60000	650	2700	1800	8800	NA	<100	NA	NA	NA	NA	22.94	18.40	4.54	NA
S-5	07/18/2002	53000	240	1200	1500	6400	NA	<100	NA	NA	NA	NA	27.36	14.25	13.11	NA
S-5	10/15/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	27.36	NA	NA	NA
S-5	10/17/2002	42000	420	1100	1200	5500	NA	<10	NA	NA	NA	NA	27.36	14.90	12.46	NA
S-5	01/02/2003	26000	680	1500	780	3800	NA	<5.0	NA	NA	NA	NA	27.36	14.72	12.64	NA
S-5	04/15/2003	3600	29	38	65	370	NA	<5.0	NA	NA	NA	NA	e	14.45	NA	NA
S-5	07/14/2003	21000	210	460	650	2900	NA	<10	NA	NA	NA	NA	e	14.10	NA	NA
S-5	10/20/2003	37000	390	590	870	3500	NA	<13	NA	NA	NA	NA	e	14.63	NA	NA
S-5	01/22/2004	29000	200	210	710	2400	NA	<13	NA	NA	NA	NA	e	14.08	NA	NA
S-5	04/19/2004	25000	490	460	750	2400	NA	19	NA	NA	NA	NA	e	13.43	NA	NA
S-5	07/13/2004	28000	300	280	690	2400	NA	<13	NA	NA	NA	NA	e	14.88	NA	NA

S-6	04/16/1987	81000	16000	9000	NA	6400a	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA
S-6	10/26/1988	110000	29000	18000	2500	8200	NA	NA	NA	NA	NA	NA	100.58 (TOC)	NA	NA	NA
S-6	02/14/1989	54000	18000	4500	1400	4000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.87	79.71	NA
S-6	05/01/1989	93000	43000	9900	3000	8000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	20.49	80.09	NA
S-6	07/27/1989	52000	20000	3200	1700	5500	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.01	79.57	NA
S-6	10/05/1989	55000	20000	2900	1600	5500	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.24	79.34	NA
S-6	01/09/1990	76000	35000	9100	2300	8600	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.62	77.96	SHEEN
S-6	04/30/1990	39000	13000	2300	900	2800	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA

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S-6	07/31/1990	48000	20000	4600	1500	4900	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.00	78.58	NA
S-6	10/30/1990	27000	7400	900	600	1400	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA
S-6	05/06/1991	35000	3900	2700	2300	3500	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.40	78.18	NA
S-6	06/27/1991	51000	19000	5600	1700	6300	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.21	79.37	NA
S-6	09/24/1991	42000	14000	4300	1200	4000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.26	78.32	NA
S-6	11/07/1991	39000	11000	2000	800	2300	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.35	78.23	NA
S-6	02/13/1992	64000	21000	6200	1600	5100	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.28	78.30	NA
S-6	05/11/1992	57000	22000	7600	2200	7700	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.10	78.48	NA
S-6	12/03/1992	110000	26000	9400	2100	8700	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.14	78.44	NA
S-6	05/13/1993	58000	21000	6800	2500	9800	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.16	78.42	NA
S-6	07/22/1993	70000	31000	14000	3000	13000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.64	78.94	NA
S-6	10/20/1993	48000	28000	9800	3200	12000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.62	78.96	NA
S-6	01/25/1994	70000	23000	7500	2500	8000	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.80	78.78	NA
S-6	04/25/1994	61000	16000	4000	1800	5100	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.68	78.90	NA
S-6	07/21/1994	44000	8200	3600	1400	3900	NA	NA	NA	NA	NA	NA	100.58 (TOC)	21.78	78.80	NA
S-6 (D)	07/21/1994	32000	7800	3400	1300	3700	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	10/24/1994	2936	1184	440.6	163	648.4	NA	NA	NA	NA	NA	NA	100.58 (TOC)	22.06	78.52	NA
S-6 (D)	10/24/1994	2968	770.8	325.3	144	622	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	12/22/1994	32000	7000	2900	790	2400	NA	NA	NA	NA	NA	NA	22.08*	21.91	0.17	NA
S-6 (D)	12/22/1994	32000	8000	3800	1100	3400	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	04/20/1995	56000	15000	3800	1900	4900	NA	NA	NA	NA	NA	NA	22.08	21.38	0.70	NA
S-6 (D)	04/20/1995	49000	13000	3500	1800	4700	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	10/04/1995	49000	8400	4700	1800	4800	NA	NA	NA	NA	NA	NA	22.08	21.80	0.28	NA
S-6 (D)	10/04/1995	41000	8400	4100	1400	4400	NA	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	01/03/1996	52000	9100	7100	1800	5800	NA	NA	NA	NA	NA	NA	22.08	21.70	0.38	NA
S-6	04/11/1996	59000	11000	7100	2100	6400	<500	NA	NA	NA	NA	NA	22.08	21.62	0.46	NA
S-6 (D)	04/11/1996	59000	11000	6800	1900	6400	<500	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	07/11/1996	72000	18000	6600	2500	8400	<1000	NA	NA	NA	NA	NA	22.08	21.65	2.78	NA

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S-6	10/02/1996	57000	11000	6500	1500	5100	<500	NA	NA	NA	NA	NA	22.08	21.80	2.63	NA
S-6	01/22/1997	67000	15000	5000	1800	5400	<1000	NA	NA	NA	NA	NA	22.08	19.95	2.13	NA
S-6 (D)	01/22/1997	63000	15000	4800	1800	5200	<1000	NA	NA	NA	NA	NA	22.08	NA	NA	NA
S-6	07/21/1997	61000	15000	2100	1100	3500	1900	NA	NA	NA	NA	NA	22.08	20.61	1.47	NA
S-6	01/22/1998	46000	14000	3200	1300	3400	<500	NA	NA	NA	NA	NA	22.08	19.82	2.26	NA
S-6	07/08/1998	74000	26000	7500	2200	6200	<1000	NA	NA	NA	NA	NA	22.08	18.20	3.88	NA
S-6	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	18.81	3.27	NA
S-6	01/28/1999	120000	9000	14000	2700	14000	3700	NA	NA	NA	NA	NA	22.08	19.73	2.35	NA
S-6	04/23/1999	58500	15900	1360	1640	3030	<2500	NA	NA	NA	NA	NA	22.08	17.58	4.50	NA
S-6	07/29/1999	36200	10300	760	930	1360	<1000	NA	NA	NA	NA	NA	22.08	21.35	0.73	NA
S-6	11/01/1999	36000	11700	767	865	1670	<1250	<40.0	NA	NA	NA	NA	22.08	19.23	2.85	NA
S-6	01/07/2000	36000	7600	4600	840	3600	<1000	NA	NA	NA	NA	NA	22.08	19.53	2.55	NA
S-6	04/11/2000	14600	7540	205	306	609	621	NA	NA	NA	NA	NA	22.08	18.16	3.92	NA
S-6	07/19/2000	2590	629	63.9	99.6	267	124	72.7b	NA	NA	NA	NA	22.08	18.40	3.68	NA
S-6	10/12/2000	32900	14200	966	1060	1790	<500	<100	NA	NA	NA	NA	22.08	19.52	2.56	NA
S-6	01/09/2001	27600	11200	675	666	1580	1430	<10.0b	NA	NA	NA	NA	22.08	19.69	2.39	NA
S-6	02/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.08	19.20	2.88	NA
S-6	04/06/2001	16900	7800	343	172	966	809	<20.0	NA	NA	NA	NA	22.08	18.25	3.83	NA
S-6	07/25/2001	29000	9800	1700	1000	1800	NA	<250	NA	NA	NA	NA	22.08	18.27	3.81	NA
S-6	11/01/2001	41000	15000	2400	1100	2500	NA	<500	NA	NA	NA	NA	22.08	19.30	2.78	NA
S-6	01/17/2002 d	38000	11000	1700	990	2200	NA	<500	NA	NA	NA	NA	22.08	18.51	3.57	NA
S-6	05/08/2002	72000	21000	4400	2200	5300	NA	<1000	NA	NA	NA	NA	22.08	18.30	3.78	NA
S-6	07/18/2002	71000	17000	4300	1700	4800	NA	<1000	NA	NA	NA	NA	30.56	18.19	12.37	NA
S-6	10/15/2002	55000	16000	4600	1500	4600	NA	<100	NA	NA	NA	NA	30.56	18.77	11.79	NA
S-6	01/02/2003	75000	21000	5000	2400	6400	NA	<50	NA	NA	NA	NA	30.56	18.60	11.96	NA
S-6	04/15/2003	64000	29000	6400	2700	5600	NA	<1000	NA	NA	NA	NA	30.56	18.27	12.29	NA
S-6	07/14/2003	47000	19000	4300	1500	4300	NA	<100	NA	NA	NA	NA	30.56	18.05	12.51	NA
S-6	10/20/2003	63000	21000	5800	1900	5200	NA	<130	NA	NA	NA	NA	30.56	18.55	12.01	f

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S-6	01/22/2004	41000	21000	4300	1800	4000	NA	<130	NA	NA	NA	NA	30.56	18.18	12.38	f
S-6	04/19/2004	58000	23000	4200	2200	3900	NA	<130	NA	NA	NA	NA	30.56	17.32	13.24	NA
S-6	05/03/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.30	13.26	NA
S-6	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.70	12.86	NA
S-6	07/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.56	17.85	12.71	NA
S-6	10/28/2004 g	45000	21000	3600	1700	3300	NA	<130	NA	NA	NA	NA	30.56	18.45	12.11	NA
S-6	01/17/2005	61000	21000	3500	1600	3200	NA	<130	NA	NA	NA	NA	30.56	17.52	13.04	NA
S-6	04/14/2005	36000	12000	6200	850	4800	NA	<50	NA	NA	NA	NA	30.56	22.49	8.07	NA
S-6	07/28/2005	54000	16000	9100	1800	5900	NA	<130	NA	NA	NA	NA	30.56	19.38	11.18	NA
S-6	10/05/2005	59000	14000	7500	1400	5000	NA	<50	NA	NA	NA	NA	30.56	18.32	12.24	NA
S-6	02/09/2006	41100	7060	3900	673	2380	NA	<0.500	NA	NA	NA	NA	30.56	17.11	13.45	NA

S-8	12/22/1994	600	120	32	5.2	34	NA	NA	NA	NA	NA	NA	27.21	24.87	2.34	NA
S-8	04/20/1995	460	180	23	5.2	21	NA	NA	NA	NA	NA	NA	27.21	23.90	3.31	NA
S-8	10/04/1995	830	210	38	11	42	NA	NA	NA	NA	NA	NA	27.21	24.48	2.73	NA
S-8	01/03/1996	350	61	12	2.5	12	NA	NA	NA	NA	NA	NA	27.21	24.62	2.59	NA
S-8 (D)	01/03/1996	340	54	12	2.4	12	NA	NA	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	04/11/1996	570	140	37	12	47	<6.2	NA	NA	NA	NA	NA	27.21	24.32	2.89	NA
S-8	07/11/1996	980	98	32	9.1	160	<12	NA	NA	NA	NA	NA	27.21	24.10	3.11	NA
S-8	10/02/1996	280	62	13	3.3	25	15	NA	NA	NA	NA	NA	27.21	25.38	1.83	NA
S-8 (D)	10/02/1996	490	110	24	7.0	45	22	<2.0	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	01/22/1997	400	90	13	4.9	25	12	NA	NA	NA	NA	NA	27.21	23.91	3.30	NA
S-8	07/21/1997	2900	380	110	26	260	85	NA	NA	NA	NA	NA	27.21	23.62	3.59	NA
S-8 (D)	07/21/1997	3200	420	120	32	300	130	NA	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	01/22/1998	3800	790	140	42	330	160	NA	NA	NA	NA	NA	27.21	23.52	3.69	NA
S-8 (D)	01/22/1998	3500	780	120	33	300	160	NA	NA	NA	NA	NA	27.21	NA	NA	NA
S-8	07/08/1998	3600	1800	<25	<25	<25	<125	NA	NA	NA	NA	NA	27.21	21.52	5.69	NA
S-8 (D)	07/08/1998	4000	1800	<25	<25	31	<125	NA	NA	NA	NA	NA	27.21	NA	NA	NA

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S-8	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.21	22.01	5.20	NA
S-8	01/28/1999	2000	630	6.2	24	51	43	NA	NA	NA	NA	NA	27.21	23.03	4.18	NA
S-8	04/23/1999	1050	408	<5.00	<5.00	6.65	<50.0	NA	NA	NA	NA	NA	27.21	22.15	5.06	NA
S-8	07/29/1999	955	344	<2.50	6.90	16.2	<25.0	NA	NA	NA	NA	NA	27.21	21.95	5.26	NA
S-8	11/01/1999	1800	550	6.45	15	40.4	<50.0	NA	NA	NA	NA	NA	27.21	22.55	4.66	NA
S-8	01/07/2000	1300	600	11	29	48	<13	NA	NA	NA	NA	NA	27.21	22.87	4.34	NA
S-8	04/11/2000	342	101	4.42	4.24	14.7	21.4	NA	NA	NA	NA	NA	27.21	21.86	5.35	NA
S-8	07/19/2000	579	228	6.37	6.45	25.0	<12.5	NA	NA	NA	NA	NA	27.21	21.93	5.28	NA
S-8	10/12/2000	947	340	8.64	3.26	38.3	<12.5	<2.00	NA	NA	NA	NA	27.21	22.92	4.29	NA
S-8	01/09/2001	1090	394	<10.0	<10.0	33.3	57.6	NA	NA	NA	NA	NA	27.21	23.19	4.02	NA
S-8	04/06/2001	671	182	12.5	16.4	47.1	42.5	NA	NA	NA	NA	NA	27.21	22.46	4.75	NA
S-8	07/25/2001	500	70	6.7	11	23	NA	<5.0	NA	NA	NA	NA	27.21	22.50	4.71	NA
S-8	11/01/2001	1900	250	28	39	180	NA	<5.0	NA	NA	NA	NA	27.21	22.44	4.77	NA
S-8	01/17/2002 d	830	140	11	12	89	NA	<5.0	NA	NA	NA	NA	27.21	21.82	5.39	NA
S-8	05/08/2002 d	210	34	1.7	4.1	15	NA	<5.0	NA	NA	NA	NA	27.21	21.35	5.86	NA
S-8	07/18/2002	650	68	2.8	9.7	42	NA	<5.0	NA	NA	NA	NA	35.85	21.53	14.32	NA
S-8	10/15/2002	1000	160	4.2	7.7	74	NA	<0.50	NA	NA	NA	NA	35.85	21.97	13.88	NA
S-8	01/02/2003	440	55	1.8	2.9	31	NA	<0.50	NA	NA	NA	NA	35.85	21.95	13.90	NA
S-8	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.73	14.12	NA
S-8	07/14/2003	60	6.8	<0.50	0.98	4.9	NA	<0.50	NA	NA	NA	NA	35.85	21.40	14.45	NA
S-8	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.94	13.91	NA
S-8	01/22/2004	210	19	0.52	3.6	17	NA	<0.50	NA	NA	NA	NA	35.85	21.40	14.45	NA
S-8	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	20.83	15.02	NA
S-8	07/13/2004	420	77	0.82	14	31	NA	<0.50	NA	NA	NA	NA	35.85	21.05	14.80	NA
S-8	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.77	14.08	NA
S-8	01/17/2005	490	85	0.89	13	28	NA	<0.50	NA	NA	NA	NA	35.85	20.92	14.93	NA
S-8	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.57	14.28	NA
S-8	07/28/2005	64	12	<0.50	1.5	1.6	NA	<0.50	NA	NA	NA	NA	35.85	21.62	14.23	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-8	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.85	21.11	14.74	NA
S-8	02/09/2006	<50.0	2.79	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	35.85	20.18	15.67	NA

S-9	12/22/1994	2600	400	150	42	310	NA	NA	NA	NA	NA	NA	26.06	24.37	1.69	NA
S-9	04/20/1995	1900	400	130	51	200	NA	NA	NA	NA	NA	NA	26.06	23.49	2.57	NA
S-9	10/04/1995	3200	590	260	68	280	NA	NA	NA	NA	NA	NA	26.06	24.01	2.05	NA
S-9	01/03/1996	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	04/11/1996	2100	440	1500	42	210	<25	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA
S-9	07/11/1996	5200	940	450	120	520	<50	NA	NA	NA	NA	NA	26.06	23.78	2.28	NA
S-9 (D)	07/11/1996	4800	890	430	110	500	<50	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	10/02/1996	3000	680	220	56	270	<62	NA	NA	NA	NA	NA	26.06	24.31	1.75	NA
S-9	01/22/1997	1500	230	71	36	130	<12	NA	NA	NA	NA	NA	26.06	23.08	2.98	NA
S-9	07/21/1997	3400	590	57	19	210	96	NA	NA	NA	NA	NA	26.06	22.83	3.23	NA
S-9	01/22/1998	2600	300	46	<10	270	62	NA	NA	NA	NA	NA	26.06	21.96	4.10	NA
S-9	07/08/1998	820	150	6.2	8	57	<10	NA	NA	NA	NA	NA	26.06	20.85	5.21	NA
S-9	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.39	4.67	NA
S-9	01/28/1999	<50	1.0	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	26.06	22.32	3.74	NA
S-9	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.41	4.65	NA
S-9	07/29/1999	117	7.77	0.817	0.683	5.05	<5.00	NA	NA	NA	NA	NA	26.06	21.25	4.81	NA
S-9	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.92	4.14	NA
S-9	01/07/2000	<50	1.2	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	26.06	22.11	3.95	NA
S-9	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.14	4.92	NA
S-9	07/19/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	22.24	3.82	NA
S-9	01/09/2001	<50.0	1.45	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	26.06	22.52	3.54	NA
S-9	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	23.61	2.45	NA
S-9	07/25/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA
S-9	08/13/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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S-9	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	21.78	4.28	NA
S-9	01/17/2002 d	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	26.06	21.15	4.91	NA
S-9	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.06	20.56	5.50	NA
S-9	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.70	20.88	13.82	NA
S-9	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.41	13.29	NA
S-9	01/02/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	34.70	21.35	13.35	NA
S-9	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.14	13.56	NA
S-9	07/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.80	13.90	NA
S-9	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.33	13.37	NA
S-9	01/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.77	13.93	NA
S-9	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.06	14.64	NA
S-9	07/13/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.44	14.26	NA
S-9	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.02	13.68	NA
S-9	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	34.70	20.18	14.52	NA
S-9	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	21.85	12.85	NA
S-9	07/28/2005	360	190	1.8	1.1	3.9	NA	<0.50	<2.0	<2.0	<2.0	<5.0	34.70	21.22	13.48	NA
S-9	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.70	20.63	14.07	NA
S-9	02/09/2006	<50.0	0.940	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	34.70	19.23	15.47	NA

S-10	12/22/1994	420	27	8.0	18	45	NA	NA	NA	NA	NA	NA	28.04	25.84	2.20	NA
S-10	04/20/1995	820	49	3.7	97	52	NA	NA	NA	NA	NA	NA	28.04	24.92	3.12	NA
S-10	10/04/1995	240	6.5	1.1	16	12	NA	NA	NA	NA	NA	NA	28.04	25.47	2.57	NA
S-10	01/03/1996	1100	27	4.9	110	70	NA	NA	NA	NA	NA	NA	28.04	25.60	2.44	NA
S-10	04/11/1996	530	19	1.6	82	52	<5.0	NA	NA	NA	NA	NA	28.04	25.27	2.77	NA
S-10	07/11/1996	570	16	3.2	53	53	<2.5	NA	NA	NA	NA	NA	28.04	25.46	2.58	NA
S-10	10/02/1996	270	8.2	0.77	24	23	3.3	NA	NA	NA	NA	NA	28.04	25.81	2.23	NA
S-10	01/22/1997	160	4.8	0.73	16	11	<2.5	NA	NA	NA	NA	NA	28.04	24.74	3.30	NA
S-10	07/21/1997	530	5.7	0.70	29	69	<2.5	NA	NA	NA	NA	NA	28.04	24.50	3.54	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-10	01/22/1998	1500	15	<5.0	88	130	<25	NA	NA	NA	NA	NA	28.04	24.44	3.60	NA
S-10	07/08/1998	530	4.8	1.1	47	51	<2.5	NA	NA	NA	NA	NA	28.04	22.36	5.68	NA
S-10	10/26/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.81	5.23	NA
S-10	01/28/1999	630	4.6	0.98	<0.50	59	<2.5	NA	NA	NA	NA	NA	28.04	23.82	4.22	NA
S-10	04/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.96	5.08	NA
S-10	07/29/1999	728	3.40	<1.00	41.8	38.0	<10.0	NA	NA	NA	NA	NA	28.04	22.63	5.41	NA
S-10	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.02	5.02	NA
S-10	01/07/2000	870	8.5	1.3	110	110	<2.5	NA	NA	NA	NA	NA	28.04	23.33	4.71	NA
S-10	04/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.64	5.40	NA
S-10	07/19/2000	612	3.75	<0.500	41.6	43.6	<2.50	NA	NA	NA	NA	NA	28.04	23.04	5.00	NA
S-10	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.92	4.12	NA
S-10	01/09/2001	647	7.62	1.01	66.2	42.4	<2.50	NA	NA	NA	NA	NA	28.04	24.13	3.91	NA
S-10	04/06/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	25.37	2.67	NA
S-10	07/25/2001	340	1.5	<0.50	42	19	NA	<5.0	NA	NA	NA	NA	28.04	25.35	2.69	NA
S-10	11/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	23.22	4.82	NA
S-10	01/17/2002 d	1100	3.5	<0.50	55	46	NA	<5.0	NA	NA	NA	NA	28.04	22.72	5.32	NA
S-10	05/08/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.04	22.35	5.69	NA
S-10	07/18/2002	750	1.8	<0.50	42	26	NA	<5.0	NA	NA	NA	NA	36.35	22.05	14.30	NA
S-10	10/15/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.51	13.84	NA
S-10	01/02/2003	440	1.8	<0.50	14	24	NA	<5.0	NA	NA	NA	NA	36.35	22.50	13.85	NA
S-10	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.32	14.03	NA
S-10	07/14/2003	210	0.86	<0.50	13	12	NA	<0.50	NA	NA	NA	NA	36.35	21.99	14.36	NA
S-10	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.53	13.82	NA
S-10	01/22/2004	280	0.88	<0.50	10	11	NA	<0.50	NA	NA	NA	NA	36.35	22.02	14.33	NA
S-10	04/19/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.43	14.92	NA
S-10	07/13/2004	770	1.5	<0.50	70	42	NA	<0.50	NA	NA	NA	NA	36.35	21.68	14.67	NA
S-10	10/28/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.37	13.98	NA
S-10	01/17/2005	1100	1.5	<0.50	73	51	NA	<0.50	NA	NA	NA	NA	36.35	21.45	14.90	NA

WELL CONCENTRATIONS
Former Shell Service Station
461 8th Street
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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
S-10	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	22.18	14.17	NA
S-10	07/28/2005	260	<0.50	<0.50	19	9.7	NA	<0.50	<2.0	<2.0	<2.0	<5.0	36.35	22.25	14.10	NA
S-10	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.35	21.70	14.65	NA
S-10	02/09/2006	630	<0.500	<0.500	13.8	13.8	NA	<0.500	NA	NA	NA	NA	36.35	20.37	15.98	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 25, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 25, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B.

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
Former Shell Service Station
461 8th Street
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)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
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Notes:

a = Ethylbenzene and xylenes combined.

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

c = Depth to water measured from Top of Casing; elevation unknown.

d = Grab sampled.

e = Casing broken; Top of Casing elevation unknown.

f = SPH detected at <0.01 feet.

g = S-6 was purged prior to sampling.

* = Prior to December 22, 1994, well elevations taken from Top of Casing.

Beginning July 18, 2002, well elevations taken from Top of Casing.

Site surveyed March 5, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

February 21, 2006

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

Work Order: NPB1394
Project Name: 461 8th Street, Oakland, CA
Project Nbr: 97093399
Date Received: 02/11/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
S-4	NPB1394-01	02/09/06 14:20
S-6	NPB1394-02	02/09/06 13:55
S-8	NPB1394-03	02/09/06 13:35
S-9	NPB1394-04	02/09/06 13:25
S-10	NPB1394-05	02/09/06 13:05

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.

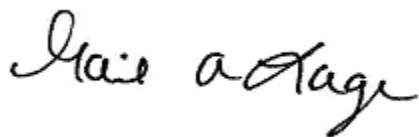
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California Certification Number: 01168CA

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

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Report Approved By:



Gail A Lage
Senior Project Manager

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

Work Order: NPB1394
 Project Name: 461 8th Street, Oakland, CA
 Project Number: 97093399
 Received: 02/11/06 09:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1394-01 (S-4 - water) Sampled: 02/09/06 14:20								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	02/20/06 21:52	SW846 8260B	6023653
Ethylbenzene	ND		ug/L	0.500	1	02/20/06 21:52	SW846 8260B	6023653
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/20/06 21:52	SW846 8260B	6023653
Toluene	ND		ug/L	0.500	1	02/20/06 21:52	SW846 8260B	6023653
Xylenes, total	ND		ug/L	0.500	1	02/20/06 21:52	SW846 8260B	6023653
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	101 %					02/20/06 21:52	SW846 8260B	6023653
<i>Surr: Dibromofluoromethane (79-122%)</i>	98 %					02/20/06 21:52	SW846 8260B	6023653
<i>Surr: Toluene-d8 (78-121%)</i>	98 %					02/20/06 21:52	SW846 8260B	6023653
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	100 %					02/20/06 21:52	SW846 8260B	6023653
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/20/06 21:52	SW846 8260B	6023653
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	101 %					02/20/06 21:52	SW846 8260B	6023653
<i>Surr: Dibromofluoromethane (0-200%)</i>	98 %					02/20/06 21:52	SW846 8260B	6023653
<i>Surr: Toluene-d8 (0-200%)</i>	98 %					02/20/06 21:52	SW846 8260B	6023653
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	100 %					02/20/06 21:52	SW846 8260B	6023653
Sample ID: NPB1394-02 (S-6 - water) Sampled: 02/09/06 13:55								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	7060		ug/L	50.0	100	02/21/06 00:47	SW846 8260B	6023653
Ethylbenzene	673		ug/L	5.00	10	02/21/06 00:22	SW846 8260B	6023653
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/20/06 13:06	SW846 8260B	6023653
Toluene	3900		ug/L	50.0	100	02/21/06 00:47	SW846 8260B	6023653
Xylenes, total	2380		ug/L	5.00	10	02/21/06 00:22	SW846 8260B	6023653
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	94 %					02/20/06 13:06	SW846 8260B	6023653
<i>Surr: Dibromofluoromethane (79-122%)</i>	88 %					02/20/06 13:06	SW846 8260B	6023653
<i>Surr: Toluene-d8 (78-121%)</i>	101 %					02/20/06 13:06	SW846 8260B	6023653
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	102 %					02/20/06 13:06	SW846 8260B	6023653
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	41100		ug/L	500	10	02/20/06 13:06	SW846 8260B	6023653
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	94 %					02/20/06 13:06	SW846 8260B	6023653
<i>Surr: Dibromofluoromethane (0-200%)</i>	88 %					02/20/06 13:06	SW846 8260B	6023653
<i>Surr: Toluene-d8 (0-200%)</i>	101 %					02/20/06 13:06	SW846 8260B	6023653
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	102 %					02/20/06 13:06	SW846 8260B	6023653
Sample ID: NPB1394-03 (S-8 - water) Sampled: 02/09/06 13:35								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	2.79		ug/L	0.500	1	02/20/06 22:17	SW846 8260B	6023653
Ethylbenzene	ND		ug/L	0.500	1	02/20/06 22:17	SW846 8260B	6023653
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/20/06 22:17	SW846 8260B	6023653
Toluene	ND		ug/L	0.500	1	02/20/06 22:17	SW846 8260B	6023653
Xylenes, total	ND		ug/L	0.500	1	02/20/06 22:17	SW846 8260B	6023653
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	102 %					02/20/06 22:17	SW846 8260B	6023653
<i>Surr: Dibromofluoromethane (79-122%)</i>	97 %					02/20/06 22:17	SW846 8260B	6023653
<i>Surr: Toluene-d8 (78-121%)</i>	98 %					02/20/06 22:17	SW846 8260B	6023653

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

Work Order: NPB1394
 Project Name: 461 8th Street, Oakland, CA
 Project Number: 97093399
 Received: 02/11/06 09:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1394-03 (S-8 - water) - cont. Sampled: 02/09/06 13:35								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	98 %					02/20/06 22:17	SW846 8260B	6023653
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/20/06 22:17	SW846 8260B	6023653
Surr: 1,2-Dichloroethane-d4 (0-200%)	102 %					02/20/06 22:17	SW846 8260B	6023653
Surr: Dibromofluoromethane (0-200%)	97 %					02/20/06 22:17	SW846 8260B	6023653
Surr: Toluene-d8 (0-200%)	98 %					02/20/06 22:17	SW846 8260B	6023653
Surr: 4-Bromofluorobenzene (0-200%)	98 %					02/20/06 22:17	SW846 8260B	6023653
Sample ID: NPB1394-04 (S-9 - water) Sampled: 02/09/06 13:25								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.940		ug/L	0.500	1	02/20/06 22:42	SW846 8260B	6023653
Ethylbenzene	ND		ug/L	0.500	1	02/20/06 22:42	SW846 8260B	6023653
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/20/06 22:42	SW846 8260B	6023653
Toluene	ND		ug/L	0.500	1	02/20/06 22:42	SW846 8260B	6023653
Xylenes, total	ND		ug/L	0.500	1	02/20/06 22:42	SW846 8260B	6023653
Surr: 1,2-Dichloroethane-d4 (70-130%)	103 %					02/20/06 22:42	SW846 8260B	6023653
Surr: Dibromofluoromethane (79-122%)	101 %					02/20/06 22:42	SW846 8260B	6023653
Surr: Toluene-d8 (78-121%)	98 %					02/20/06 22:42	SW846 8260B	6023653
Surr: 4-Bromofluorobenzene (78-126%)	99 %					02/20/06 22:42	SW846 8260B	6023653
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/20/06 22:42	SW846 8260B	6023653
Surr: 1,2-Dichloroethane-d4 (0-200%)	103 %					02/20/06 22:42	SW846 8260B	6023653
Surr: Dibromofluoromethane (0-200%)	101 %					02/20/06 22:42	SW846 8260B	6023653
Surr: Toluene-d8 (0-200%)	98 %					02/20/06 22:42	SW846 8260B	6023653
Surr: 4-Bromofluorobenzene (0-200%)	99 %					02/20/06 22:42	SW846 8260B	6023653
Sample ID: NPB1394-05 (S-10 - water) Sampled: 02/09/06 13:05								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	02/20/06 14:21	SW846 8260B	6023653
Ethylbenzene	13.8		ug/L	0.500	1	02/20/06 14:21	SW846 8260B	6023653
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/20/06 14:21	SW846 8260B	6023653
Toluene	ND		ug/L	0.500	1	02/20/06 14:21	SW846 8260B	6023653
Xylenes, total	13.8		ug/L	0.500	1	02/20/06 14:21	SW846 8260B	6023653
Surr: 1,2-Dichloroethane-d4 (70-130%)	96 %					02/20/06 14:21	SW846 8260B	6023653
Surr: Dibromofluoromethane (79-122%)	98 %					02/20/06 14:21	SW846 8260B	6023653
Surr: Toluene-d8 (78-121%)	98 %					02/20/06 14:21	SW846 8260B	6023653
Surr: 4-Bromofluorobenzene (78-126%)	100 %					02/20/06 14:21	SW846 8260B	6023653
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	630		ug/L	50.0	1	02/20/06 14:21	SW846 8260B	6023653
Surr: 1,2-Dichloroethane-d4 (0-200%)	96 %					02/20/06 14:21	SW846 8260B	6023653
Surr: Dibromofluoromethane (0-200%)	98 %					02/20/06 14:21	SW846 8260B	6023653
Surr: Toluene-d8 (0-200%)	98 %					02/20/06 14:21	SW846 8260B	6023653
Surr: 4-Bromofluorobenzene (0-200%)	100 %					02/20/06 14:21	SW846 8260B	6023653

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

Work Order: NPB1394
 Project Name: 461 8th Street, Oakland, CA
 Project Number: 97093399
 Received: 02/11/06 09:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Selected Volatile Organic Compounds by EPA Method 8260B

6023653-BLK1

Benzene	<0.200		ug/L	6023653	6023653-BLK1	02/20/06 10:01
Ethylbenzene	<0.200		ug/L	6023653	6023653-BLK1	02/20/06 10:01
Methyl tert-Butyl Ether	<0.200		ug/L	6023653	6023653-BLK1	02/20/06 10:01
Toluene	<0.200		ug/L	6023653	6023653-BLK1	02/20/06 10:01
Xylenes, total	<0.350		ug/L	6023653	6023653-BLK1	02/20/06 10:01
Surrogate: 1,2-Dichloroethane-d4	99%			6023653	6023653-BLK1	02/20/06 10:01
Surrogate: Dibromofluoromethane	98%			6023653	6023653-BLK1	02/20/06 10:01
Surrogate: Toluene-d8	99%			6023653	6023653-BLK1	02/20/06 10:01
Surrogate: 4-Bromofluorobenzene	97%			6023653	6023653-BLK1	02/20/06 10:01

6023653-BLK2

Benzene	<0.200		ug/L	6023653	6023653-BLK2	02/20/06 20:12
Ethylbenzene	<0.200		ug/L	6023653	6023653-BLK2	02/20/06 20:12
Methyl tert-Butyl Ether	<0.200		ug/L	6023653	6023653-BLK2	02/20/06 20:12
Toluene	<0.200		ug/L	6023653	6023653-BLK2	02/20/06 20:12
Xylenes, total	<0.350		ug/L	6023653	6023653-BLK2	02/20/06 20:12
Surrogate: 1,2-Dichloroethane-d4	102%			6023653	6023653-BLK2	02/20/06 20:12
Surrogate: Dibromofluoromethane	100%			6023653	6023653-BLK2	02/20/06 20:12
Surrogate: Toluene-d8	97%			6023653	6023653-BLK2	02/20/06 20:12
Surrogate: 4-Bromofluorobenzene	100%			6023653	6023653-BLK2	02/20/06 20:12

Purgeable Petroleum Hydrocarbons

6023653-BLK1

Gasoline Range Organics	<50.0		ug/L	6023653	6023653-BLK1	02/20/06 10:01
Surrogate: 1,2-Dichloroethane-d4	99%			6023653	6023653-BLK1	02/20/06 10:01
Surrogate: Dibromofluoromethane	98%			6023653	6023653-BLK1	02/20/06 10:01
Surrogate: Toluene-d8	99%			6023653	6023653-BLK1	02/20/06 10:01
Surrogate: 4-Bromofluorobenzene	97%			6023653	6023653-BLK1	02/20/06 10:01

6023653-BLK2

Gasoline Range Organics	<50.0		ug/L	6023653	6023653-BLK2	02/20/06 20:12
Surrogate: 1,2-Dichloroethane-d4	102%			6023653	6023653-BLK2	02/20/06 20:12
Surrogate: Dibromofluoromethane	100%			6023653	6023653-BLK2	02/20/06 20:12
Surrogate: Toluene-d8	97%			6023653	6023653-BLK2	02/20/06 20:12
Surrogate: 4-Bromofluorobenzene	100%			6023653	6023653-BLK2	02/20/06 20:12

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

Work Order: NPB1394
 Project Name: 461 8th Street, Oakland, CA
 Project Number: 97093399
 Received: 02/11/06 09:30

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6023653-BS1								
Benzene	50.0	51.0		ug/L	102%	79 - 123	6023653	02/20/06 09:09
Ethylbenzene	50.0	53.0		ug/L	106%	79 - 125	6023653	02/20/06 09:09
Methyl tert-Butyl Ether	50.0	54.2		ug/L	108%	66 - 142	6023653	02/20/06 09:09
Toluene	50.0	51.9		ug/L	104%	78 - 122	6023653	02/20/06 09:09
Xylenes, total	150	150		ug/L	100%	79 - 130	6023653	02/20/06 09:09
Surrogate: 1,2-Dichloroethane-d4	50.0	47.2			94%	70 - 130	6023653	02/20/06 09:09
Surrogate: Dibromofluoromethane	50.0	48.2			96%	79 - 122	6023653	02/20/06 09:09
Surrogate: Toluene-d8	50.0	49.3			99%	78 - 121	6023653	02/20/06 09:09
Surrogate: 4-Bromofluorobenzene	50.0	48.2			96%	78 - 126	6023653	02/20/06 09:09
6023653-BS2								
Benzene	50.0	53.3		ug/L	107%	79 - 123	6023653	02/20/06 19:22
Ethylbenzene	50.0	55.5		ug/L	111%	79 - 125	6023653	02/20/06 19:22
Methyl tert-Butyl Ether	50.0	56.0		ug/L	112%	66 - 142	6023653	02/20/06 19:22
Toluene	50.0	54.4		ug/L	109%	78 - 122	6023653	02/20/06 19:22
Xylenes, total	150	153		ug/L	102%	79 - 130	6023653	02/20/06 19:22
Surrogate: 1,2-Dichloroethane-d4	50.0	48.2			96%	70 - 130	6023653	02/20/06 19:22
Surrogate: Dibromofluoromethane	50.0	49.8			100%	79 - 122	6023653	02/20/06 19:22
Surrogate: Toluene-d8	50.0	49.2			98%	78 - 121	6023653	02/20/06 19:22
Surrogate: 4-Bromofluorobenzene	50.0	47.4			95%	78 - 126	6023653	02/20/06 19:22
Purgeable Petroleum Hydrocarbons								
6023653-BS1								
Gasoline Range Organics	3050	2640		ug/L	87%	67 - 130	6023653	02/20/06 09:09
Surrogate: 1,2-Dichloroethane-d4	50.0	47.2			94%	70 - 130	6023653	02/20/06 09:09
Surrogate: Dibromofluoromethane	50.0	48.2			96%	70 - 130	6023653	02/20/06 09:09
Surrogate: Toluene-d8	50.0	49.3			99%	70 - 130	6023653	02/20/06 09:09
Surrogate: 4-Bromofluorobenzene	50.0	48.2			96%	70 - 130	6023653	02/20/06 09:09
6023653-BS2								
Gasoline Range Organics	3050	2610		ug/L	86%	67 - 130	6023653	02/20/06 19:22
Surrogate: 1,2-Dichloroethane-d4	50.0	48.2			96%	70 - 130	6023653	02/20/06 19:22
Surrogate: Dibromofluoromethane	50.0	49.8			100%	70 - 130	6023653	02/20/06 19:22
Surrogate: Toluene-d8	50.0	49.2			98%	70 - 130	6023653	02/20/06 19:22
Surrogate: 4-Bromofluorobenzene	50.0	47.4			95%	70 - 130	6023653	02/20/06 19:22

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

Work Order: NPB1394
 Project Name: 461 8th Street, Oakland, CA
 Project Number: 97093399
 Received: 02/11/06 09:30

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6023653-MS1										
Benzene	8.59	47.8		ug/L	50.0	78%	71 - 137	6023653	NPB1323-01	02/21/06 04:32
Ethylbenzene	ND	50.8		ug/L	50.0	102%	72 - 139	6023653	NPB1323-01	02/21/06 04:32
Methyl tert-Butyl Ether	3.36	47.3		ug/L	50.0	88%	55 - 152	6023653	NPB1323-01	02/21/06 04:32
Toluene	ND	49.8		ug/L	50.0	100%	73 - 133	6023653	NPB1323-01	02/21/06 04:32
Xylenes, total	ND	140		ug/L	150	93%	70 - 143	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: 1,2-Dichloroethane-d4</i>		47.9		ug/L	50.0	96%	70 - 130	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: Dibromofluoromethane</i>		48.3		ug/L	50.0	97%	79 - 122	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: Toluene-d8</i>		50.8		ug/L	50.0	102%	78 - 121	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: 4-Bromofluorobenzene</i>		46.1		ug/L	50.0	92%	78 - 126	6023653	NPB1323-01	02/21/06 04:32

Purgeable Petroleum Hydrocarbons

6023653-MS1

Gasoline Range Organics	ND	2360		ug/L	3050	77%	60 - 140	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: 1,2-Dichloroethane-d4</i>		47.9		ug/L	50.0	96%	0 - 200	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: Dibromofluoromethane</i>		48.3		ug/L	50.0	97%	0 - 200	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: Toluene-d8</i>		50.8		ug/L	50.0	102%	0 - 200	6023653	NPB1323-01	02/21/06 04:32
<i>Surrogate: 4-Bromofluorobenzene</i>		46.1		ug/L	50.0	92%	0 - 200	6023653	NPB1323-01	02/21/06 04:32

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

Work Order: NPB1394
 Project Name: 461 8th Street, Oakland, CA
 Project Number: 97093399
 Received: 02/11/06 09:30

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
Selected Volatile Organic Compounds by EPA Method 8260B												
6023653-MSD1												
Benzene	8.59	48.4		ug/L	50.0	80%	71 - 137	1	23	6023653	NPB1323-01	02/21/06 04:57
Ethylbenzene	ND	51.0		ug/L	50.0	102%	72 - 139	0.4	23	6023653	NPB1323-01	02/21/06 04:57
Methyl tert-Butyl Ether	3.36	49.1		ug/L	50.0	91%	55 - 152	4	27	6023653	NPB1323-01	02/21/06 04:57
Toluene	ND	50.1		ug/L	50.0	100%	73 - 133	0.6	25	6023653	NPB1323-01	02/21/06 04:57
Xylenes, total	ND	142		ug/L	150	95%	70 - 143	1	27	6023653	NPB1323-01	02/21/06 04:57
Surrogate: 1,2-Dichloroethane-d4		48.2		ug/L	50.0	96%	70 - 130			6023653	NPB1323-01	02/21/06 04:57
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	79 - 122			6023653	NPB1323-01	02/21/06 04:57
Surrogate: Toluene-d8		50.4		ug/L	50.0	101%	78 - 121			6023653	NPB1323-01	02/21/06 04:57
Surrogate: 4-Bromofluorobenzene		47.8		ug/L	50.0	96%	78 - 126			6023653	NPB1323-01	02/21/06 04:57
Purgeable Petroleum Hydrocarbons												
6023653-MSD1												
Gasoline Range Organics	ND	2470		ug/L	3050	81%	60 - 140	5	40	6023653	NPB1323-01	02/21/06 04:57
Surrogate: 1,2-Dichloroethane-d4		48.2		ug/L	50.0	96%	0 - 200			6023653	NPB1323-01	02/21/06 04:57
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	0 - 200			6023653	NPB1323-01	02/21/06 04:57
Surrogate: Toluene-d8		50.4		ug/L	50.0	101%	0 - 200			6023653	NPB1323-01	02/21/06 04:57
Surrogate: 4-Bromofluorobenzene		47.8		ug/L	50.0	96%	0 - 200			6023653	NPB1323-01	02/21/06 04:57

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

Work Order: NPB1394
 Project Name: 461 8th Street, Oakland, CA
 Project Number: 97093399
 Received: 02/11/06 09:30

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8260B	Water	N/A	X	X

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

Work Order: NPB1394
Project Name: 461 8th Street, Oakland, CA
Project Number: 97093399
Received: 02/11/06 09:30

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>
SW846 8260B	Water	Gasoline Range Organics



COOLER RECEIPT FORM

BC#

NPB1394

Client Name: Cambria Environmental

Cooler Received/Opened On: 2/11/2006

Accessioned By: David Zeman

David Zeman
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 1.4 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
 a. If yes, how many and where: 1 front
3. Were custody seals on containers?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
 Ziplock baggies Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
 b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA
 If not, record standard ID of preservative used here _____
17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

2356

Ex-Ex UPS Velocity DHL Route Off-street Misc.

19. If a Non-Conformance exists, see attached or comments below:

LAB: Test America STL Other _____

SHELL Chain Of Custody Record

Lab Identification (if necessary):

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Nashville, Tennessee
- STL
- Other (location) _____

Shell Project Manager to be invoiced:

ENVIRONMENTAL SERVICES **Denis Brown** **NPB1394**

TECHNICAL SERVICES

CRMT HOUSTON NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

02/17/06 17:00

INCIDENT NUMBER (ES ONLY)

9 7 0 9 3 3 9 9

SAP or CRMT NUMBER (TS/CRMT)

DATE: 2/9/06

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services		LOG CODE: BTSS	SITE ADDRESS: Street and City 461 8th St., Oakland		State CA	GLOBAL ID NO.: T0600101263	
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112			EDF DELIVERABLE TO (Responsible Party or Designee): Ana Friel, Cambria, Sonoma		PHONE NO.: 707-268-3812		E-MAIL: sonomaedf@cambria-env.com
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata			SAMPLER NAME(S) (Print): <i>Devin Reynal</i>		CONSULTANT PROJECT NO.: BTS# 060209-023		LAB USE ONLY
TELEPHONE: 408-573-0555		FAX: 408-573-7771	E-MAIL: mminokata@blainetech.com				

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):

STD 5 DAY 3 DAY 2 DAY 24 HOURS RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

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

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

RECEIPT VERIFICATION REQUESTED

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)
X	X	X	X	X								
X	X	X	X	X								
X	X	X	X	X								
X	X	X	X	X								
X	X	X	X	X								

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.													TEMPERATURE ON RECEIPT C°		
		DATE	TIME																	
	S-4	2/9/06	1420	W	3	X	X	X												NPB1394-01
	S-6	}	1355	W	3	X	X	X												-02
	S-8		1335	W	3	X	X	X												-03
	S-9		1325	W	3	X	X	X												-04
	S-10		1305	W	3	X	X	X												-05

Relinquished by: (Signature) <i>D. Friel</i>	Received by: (Signature) <i>Devin Reynal</i> SAMPLE CUSTODIAN	Date: 2/9/06	Time: 1539
Relinquished by: (Signature) <i>Devin Reynal</i> SAMPLE CUSTODIAN	Received by: (Signature) <i>S. J. ...</i> TA	Date: 2/9/06	Time: 1555
Relinquished by: (Signature) <i>Devin Reynal</i>	Received by: (Signature) <i>A. Friel</i>	Date: 2/9/06	Time: 1635

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Shell
 REC. BY (PRINT) E. Fallon
 WORKORDER: _____

DATE REC'D AT LAB: 2-9-06
 TIME REC'D AT LAB: 16:35
 DATE LOGGED IN: _____

For Regulatory Purposes?
 DRINKING WATER YES/NO NO
 WASTE WATER YES/NO 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 / <input checked="" type="radio"/> Absent Intact / Broken*									RBF 2-9-06 SSB COC
2. Chain-of-Custody Present / <input checked="" type="radio"/> Absent*									
3. Traffic Reports or Packing List: Present / <input checked="" type="radio"/> Absent									
4. Airbill: Airbill / Sticker Present / <input checked="" type="radio"/> Absent									
5. Airbill #:									
6. Sample Labels: Present / <input checked="" type="radio"/> Absent									
7. Sample IDs: Listed / <input checked="" type="radio"/> Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / <input checked="" type="radio"/> No*									
10. Sample received within hold time? Yes / <input checked="" type="radio"/> No*									
11. Adequate sample volume received? Yes / <input checked="" type="radio"/> No*									
12. Proper preservatives used? Yes / <input checked="" type="radio"/> No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / <input checked="" type="radio"/> No*									
14. Read Temp: <u>3.4°C</u> Corrected Temp: <u>3.4°C</u> Is corrected temp 4 +/-2°C? Yes / <input checked="" type="radio"/> No**									

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ONCE or Problem COC

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

Repair Data Sheet

Client Shell Date 2-28-06
 Site Address 461 8th St. Oakland
 Job Number 060228AA3 Technician Andrew A

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency								Well Not Inspected (explain in notes)	Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed	
					Casing	Annular Seal	Tab / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Secure by Design (12" diameter or less)						Lid not marked with words "MONITORING WELL"
S-4												X		X				
Notes: Tag well, wellbox below grade water collecting																		
S-5																		
Notes: well in storm drain do not tag																		
S-6											X	X		X				
Notes: labeled as S-5, sidewalk had marked S-5 but map shows it as S-6 tag well																		
S-8	X									X								
Notes: Tag well, apron cracked																		
S-9	X																	
Notes: Tag well																		
S-10																		
Notes: missing tag																		

WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client A7093399 Date 2/9/06
Site Address 401 8th St. Oakland CA
Job Number 060209-DR3 Technician DR

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-4								X		
S-6								X		
S-8								X		
S-9	X									
S-10	X									

NOTES: S-8 Apron cracked in 2 places. S-6 had to bail out a lot of dirt. Christy style box w/ no bolts. S-4 Apron is below the level of the road.

WELL GAUGING DATA

Project # 060209-DR3 Date 2/19/06 Client 97093399

Site 461 8th St. 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 <u>TOC</u>
S-4	4					19.47	28.73	
S-6	4					17.11	36.40	
S-8	4					20.18	29.17	
S-9	4					19.23	29.85	
S-10	4					20.37	36.05	

SHELL WELL MONITORING DATA SHEET

BTS #: 060209-DA3	Site: 9709 3399
Sampler: DA	Date: 2/19/06
Well I.D.: 5-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 28.73	Depth to Water (DTW): 19.47
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VO</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____	

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

_____ (Gals.) X <u>No Purge</u> = _____ 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>radius² * 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 ² * 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 ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1420	68.8	6.4	442	112	_____	clear

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: 2/19/06 Sampling Time: 1420 Depth to Water: _____

Sample I.D.: 5-4 Laboratory: STL Other: TA

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060209-DA3	Site: 9709 3399
Sampler: DA	Date: 2/9/06
Well I.D.: 5-6	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 36.40	Depth to Water (DTW): 17.11
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VO</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible Other _____

~~Water~~ Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____

_____ (Gals.) X <u>No Purge</u> = _____ Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <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>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 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 ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1355	70.2	6.7	846	DRS 302	3	light cloudy

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: 2/9/06 Sampling Time: 1355 Depth to Water: _____

Sample I.D.: 5-6 Laboratory: STL Other: TA

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060209-DA3	Site: 9709 3399
Sampler: DA	Date: 2/9/06
Well I.D.: 5-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 29.17	Depth to Water (DTW): 20.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____	

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

_____ (Gals.) X <u>No Purge</u> = _____ Gals. I 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>radius² * 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 ² * 0.163
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1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>uS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1335	71.5	6.6	450	26	—	clear

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: 2/9/06 Sampling Time: 1335 Depth to Water: _____

Sample I.D.: 5-8 Laboratory: STL Other IA

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060209-DA3	Site: 9709 3399
Sampler: DA	Date: 2/9/06
Well I.D.: 5-9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 29.85	Depth to Water (DTW): 19.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VO</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____	

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

_____ (Gals.) X <u>No Purge</u> = _____ 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>radius² * 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 ² * 0.163
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1"	0.04	4"	0.65														
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3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1325	70.1	6.9	293	32	—	clear

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: _____	
Sampling Date: 2/9/06	Sampling Time: 1325	Depth to Water: _____
Sample I.D.: 5-9	Laboratory: STL	Other: <u>TA</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> TPH-D Other:	EB I.D. (if applicable): _____ @ _____ Time Duplicate I.D. (if applicable): _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Other:		
D.O. (if req'd): Pre-purge: _____ mg/L	Post-purge: _____ mg/L	
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV	

SHELL WELL MONITORING DATA SHEET

BTS #: 060209-DA3	Site: 9709 3399
Sampler: DA	Date: 2/9/06
Well I.D.: 5-10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 36.05	Depth to Water (DTW): 20.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VO</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____	

Purge Method: Bailer ~~Disposable Bailer~~ ~~Positive Air Displacement~~ ~~Electric Submersible~~ Waterra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer ~~Disposable Bailer~~ ~~Extraction Port~~ ~~Dedicated Tubing~~ Other: _____

_____ (Gals.) X <u>No Purge</u> = _____ 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>radius² * 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 ² * 0.163
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1"	0.04	4"	0.65														
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3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>uS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1305	71.7	6.6	991	108	—	clear

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Date: 2/9/06 Sampling Time: 1305 Depth to Water: _____

Sample I.D.: 5-10 Laboratory: STL Other: TA

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

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

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

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