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*By dehloptoxic at 9:00 am, Aug 11, 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: Second Quarter 2006 Groundwater Monitoring Report  
Former Shell Service Station  
8930 Bancroft Avenue  
Oakland, California  
SAP Code 135678  
Incident No. 98995742  
RO 0404

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Second Quarter 2006 Groundwater Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown  
Sr. Environmental Engineer

August 15, 2006

Jerry Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, California 94502

Re: **Second Quarter 2006 Groundwater Monitoring Report**  
Former Shell Service Station  
8930 Bancroft Avenue  
Oakland, California  
SAP #135678  
Incident #98995742  
ACHCSA #RO0000404



Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d. The site is located on the corner of Bancroft Avenue and 90<sup>th</sup> Avenue in Oakland, California (Figures 1 and 2). In July 1999, three 10,000-gallon fiberglass underground storage tanks (USTs), associated piping, and dispensers were removed from the site and Shell discontinued operating at the site. The site is currently owned and operated by 24 7 Quick-Mart.

## **SECOND QUARTER 2006 ACTIVITIES**

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged all site wells, sampled selected wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a site vicinity and area well survey map (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report presenting the laboratory report and supporting field documents is included as Attachment A.

**Closure Review and Subsurface Investigation Work Plan:** The closure of this site was discussed during the February 2, 2006 meeting between Shell, Cambria, and Alameda County Health Care Services Agency (ACHCSA). ACHCSA stated that additional information pertaining to the off-site extent of impacted groundwater downgradient of the site was necessary before the case could be reviewed for closure. To assess the groundwater conditions downgradient of the site, Cambria implemented a May 1 2006 *Subsurface Investigation Work Plan* on July 13, 2006, by advancement of two off-site soil borings using a cone penetration testing (CPT) rig at the proposed locations shown on Figure 2.

**ANTICIPATED THIRD QUARTER 2006 ACTIVITIES**

**Groundwater Monitoring:** The next groundwater monitoring event is scheduled for third quarter 2006. Blaine will gauge all site wells, sample selected site wells, and tabulate the data. Cambria will prepare a groundwater monitoring report.

**Subsurface Investigation:** The site investigation report for the July 13, 2006 field activities will be submitted by September 29, 2006.



**CLOSING**

We appreciate your continued assistance with this project. Please note the new Cambria Project Manager for this site. If you have any questions concerning this submittal, please contact Dennis Baertschi at (707) 268-3813 or [dbaertschi@cambria-env.com](mailto:dbaertschi@cambria-env.com). In addition, please direct future Cambria correspondence to his attention at 270 Perkins Street, Sonoma, CA 95476.

Sincerely,  
**Cambria Environmental Technology, Inc.**

Dennis Baertschi.  
Project Geologist

for:

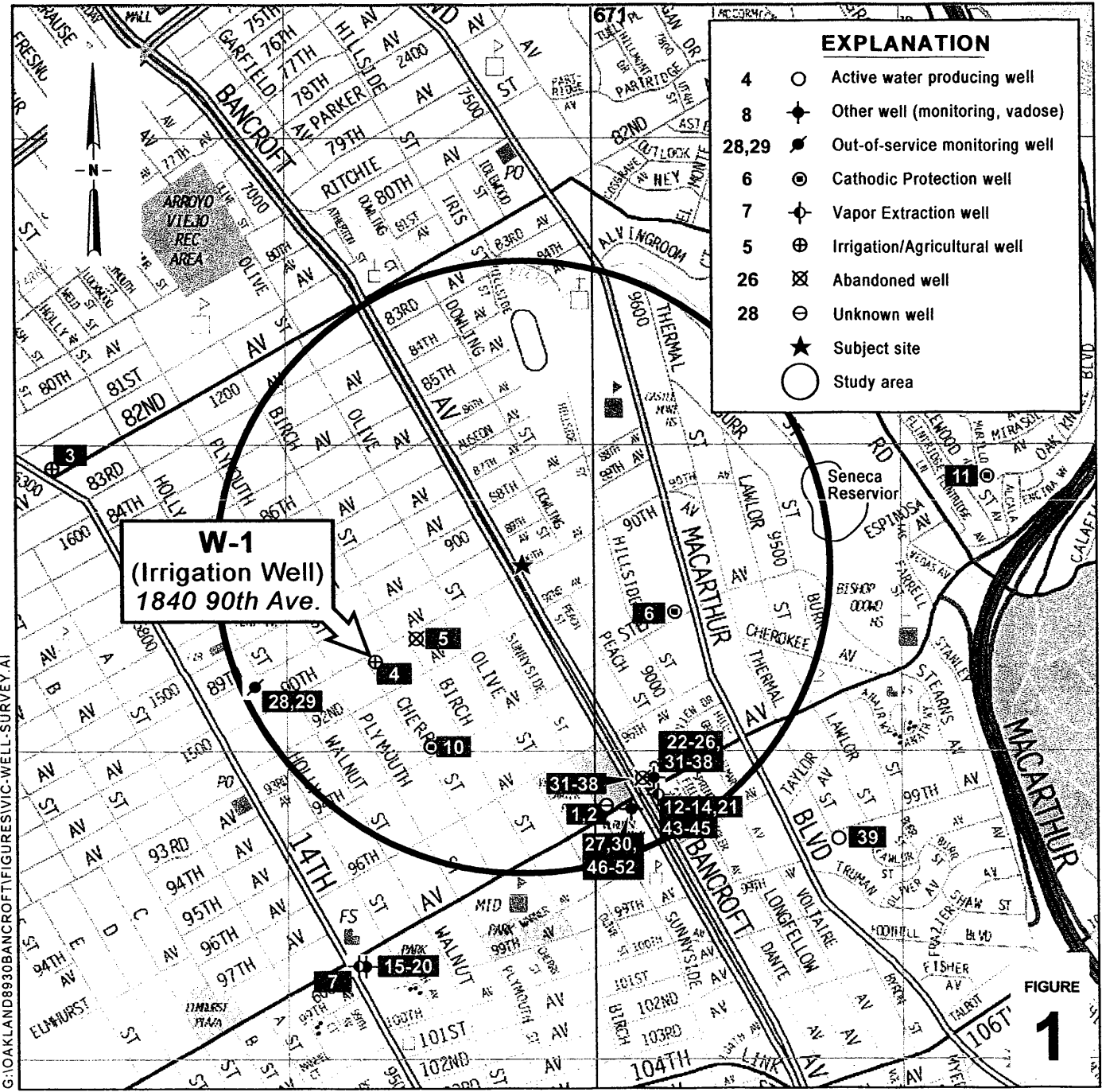
Ana Friel, PG  
Associate Geologist



Figures: 1 - Site Vicinity and Area Well Survey Map  
2 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810  
Sidhu Associates, 8930 Bancroft Ave., Oakland, CA 94605



### Former Shell Service Station

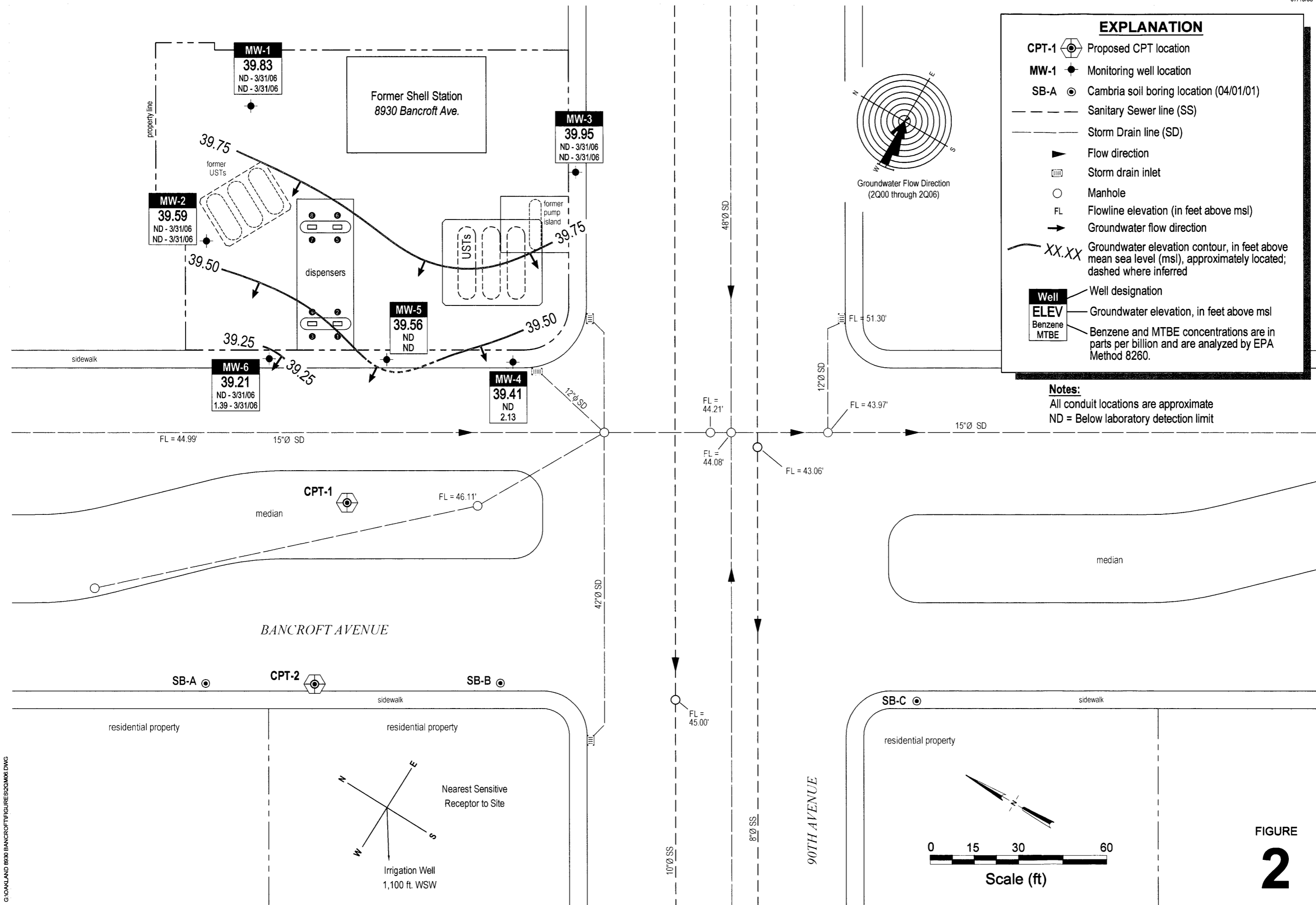
8930 Bancroft Avenue  
Oakland, California  
Incident No.98995742



C A M B R I A

### Site Vicinity and Area Well Survey Map

(1/2 Mile Radius)



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

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**BLAINE**  
**TECH SERVICES** INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

July 13, 2006

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

Second Quarter 2006 Groundwater Monitoring at  
Former Shell Service Station  
8930 Bancroft Avenue  
Oakland, CA

Monitoring performed on June 14, 2006

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Groundwater Monitoring Report **060614-DW-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. Purge water (if applicable) is, likewise, collected and transported to the Shell Martinez Manufacturing Complex.

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 Sheet

cc: Anni Kreml  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608



**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**8930 Bancroft Avenue**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-1	12/17/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	53.19	11.87	NA	41.32	NA	NA
MW-1	03/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	8.21	NA	44.98	NA	NA
MW-1	06/16/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	15.04	NA	38.15	NA	NA
MW-1	09/30/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	16.02	NA	37.17	NA	NA
MW-1	12/23/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	14.78	NA	38.41	NA	NA
MW-1	03/22/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	8.44	NA	44.75	NA	NA
MW-1	06/01/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	13.71	NA	39.48	NA	NA
MW-1	09/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	14.95	NA	38.24	NA	NA
MW-1	12/04/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	5.82	NA	NA	NA	NA	NA	53.19	13.85	NA	39.34	NA	NA
MW-1	03/09/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	9.07	NA	44.12	NA	NA
MW-1	06/27/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	53.19	14.90	NA	38.29	NA	NA
MW-1	09/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.19	15.53	NA	37.66	NA	NA
MW-1	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.19	10.41	NA	42.78	NA	3.8
MW-1	02/26/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	53.19	11.09	NA	42.10	NA	NA
MW-1	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.19	14.13	NA	39.06	NA	NA
MW-1	09/09/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	15.55	NA	37.65	NA	NA
MW-1	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	8.67	NA	44.53	NA	NA
MW-1	03/28/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	53.20	13.33	NA	39.87	NA	NA
MW-1	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	14.71	NA	38.49	NA	NA
MW-1	09/25/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	53.20	15.13	NA	38.07	NA	NA
MW-1	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	14.42	NA	38.78	NA	NA
MW-1	03/18/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	53.20	10.38	NA	42.82	NA	NA
MW-1	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	14.95	NA	38.25	NA	NA
MW-1	09/02/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	15.75	NA	37.45	NA	NA
MW-1	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	11.20	NA	42.00	NA	NA
MW-1	02/28/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	53.20	8.53	NA	44.67	NA	NA
MW-1	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	13.22	NA	39.98	NA	NA
MW-1	08/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	15.15	NA	38.05	NA	NA
MW-1	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	12.95	NA	40.25	NA	NA
MW-1	03/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	53.20	7.68	NA	45.52	NA	NA
<b>MW-1</b>	<b>06/14/2006</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>NA</b>	<b>NA</b>	<b>NA</b>	<b>53.20</b>	<b>13.37</b>	<b>NA</b>	<b>39.83</b>	<b>NA</b>	<b>NA</b>

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**8930 Bancroft Avenue**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-2	12/17/1998	9,900	NA	<5.0	37	22	47	48	<20	NA	NA	NA	NA	52.66	11.65	NA	41.01	NA	NA
MW-2	03/09/1999	2,760	NA	12.3	7.50	85.4	444	<50.0	NA	NA	NA	NA	NA	52.66	8.07	NA	44.59	NA	NA
MW-2	06/16/1999	2,570	NA	36.3	11.6	6.19	10.8	<50.0	NA	NA	NA	NA	NA	52.66	14.63	NA	38.03	NA	NA
MW-2	09/30/1999	1,960	NA	19.1	3.20	4.55	26.9	<25.0	NA	NA	NA	NA	NA	52.66	15.63	NA	37.03	NA	NA
MW-2	12/23/1999	145	NA	1.30	<0.500	<0.500	0.899	<2.50	NA	NA	NA	NA	NA	52.66	14.42	NA	38.24	NA	NA
MW-2	03/22/2000	6,060	NA	18.9	<10.0	210	651	<100	NA	NA	NA	NA	NA	52.66	8.19	NA	44.47	NA	NA
MW-2	06/01/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	52.66	11.46	NA	41.20	NA	NA
MW-2	09/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	52.66	14.63	NA	38.03	NA	NA
MW-2	12/04/2000	201	NA	1.35	<0.500	3.39	8.58	<2.50	NA	NA	NA	NA	NA	52.66	13.45	NA	39.21	NA	NA
MW-2	03/09/2001	396	NA	2.82	<0.500	8.69	18.7	<2.50	NA	NA	NA	NA	NA	52.66	8.89	NA	43.77	NA	NA
MW-2	06/27/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	52.66	14.88	NA	37.78	NA	NA
MW-2	09/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	52.66	15.19	NA	37.47	NA	NA
MW-2	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	10.02	NA	42.64	NA	2.8
MW-2	02/26/2002	180	NA	<0.50	<0.50	2.7	4.1	NA	<0.50	NA	NA	NA	NA	52.66	10.76	NA	41.90	NA	NA
MW-2	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	13.83	NA	38.83	NA	NA
MW-2	09/09/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	52.66	15.23	NA	37.43	NA	NA
MW-2	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	8.46	NA	44.20	NA	NA
MW-2	03/28/2003	53	NA	<0.50	<0.50	0.51	1.4	NA	<5.0	NA	NA	NA	NA	52.66	12.96	NA	39.70	NA	NA
MW-2	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	14.49	NA	38.17	NA	NA
MW-2	09/25/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	NA	NA	NA	NA	NA
MW-2	10/03/2003	54 c	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	52.66	15.03	NA	37.63	NA	NA
MW-2	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	14.08	NA	38.58	NA	NA
MW-2	03/18/2004	130	NA	<0.50	<0.50	1.9	2.4	NA	<0.50	NA	NA	NA	NA	52.66	10.08	NA	42.58	NA	NA
MW-2	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	14.65	NA	38.01	NA	NA
MW-2	09/02/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	52.66	15.38	NA	37.28	NA	NA
MW-2	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	10.89	NA	41.77	NA	NA
MW-2	02/28/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	52.77 d	8.48	NA	44.29	NA	NA
MW-2	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.77	13.06	NA	39.71	NA	NA
MW-2	08/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	52.77	14.88	NA	37.89	NA	NA
MW-2	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.77	12.78	NA	39.99	NA	NA
MW-2	03/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	52.77	7.66	NA	45.11	NA	NA
MW-2	06/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.77	13.18	NA	39.59	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**8930 Bancroft Avenue**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-3	12/17/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	10	11	NA	NA	NA	NA	51.30	11.85	NA	39.45	NA	NA
MW-3	03/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	51.30	6.53	NA	44.77	NA	NA
MW-3	06/16/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	51.30	12.71	NA	38.59	NA	NA
MW-3	09/30/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	5.14	NA	NA	NA	NA	NA	51.30	14.07	NA	37.23	NA	NA
MW-3	12/23/1999	<500	NA	<5.00	<5.00	<5.00	<5.00	<25.0	NA	NA	NA	NA	NA	51.30	12.82	NA	38.48	NA	NA
MW-3	03/22/2000	<50.0	NA	<0.500	1.48	<0.500	1.90	<5.00	NA	NA	NA	NA	NA	51.30	6.81	NA	44.49	NA	NA
MW-3	06/01/2000	<50.0	NA	<0.500	0.821	<0.500	<0.500	4.39	NA	NA	NA	NA	NA	51.30	11.85	NA	39.45	NA	NA
MW-3	09/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	3.62	NA	NA	NA	NA	NA	51.30	12.55	NA	38.75	NA	NA
MW-3	12/04/2000	<50.0	NA	<0.500	<0.500	<0.500	0.588	4.74	NA	NA	NA	NA	NA	51.30	11.65	NA	39.65	NA	NA
MW-3	03/09/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	51.30	7.28	NA	44.02	NA	NA
MW-3	06/27/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	51.30	13.16	NA	38.14	NA	NA
MW-3	09/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.30	13.35	NA	37.95	NA	NA
MW-3	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.30	8.14	NA	43.16	NA	1.2
MW-3	02/26/2002	<50	NA	<0.50	7.2	<0.50	<0.50	NA	1.5	NA	NA	NA	NA	51.30	9.09	NA	42.21	NA	0.6
MW-3	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.30	12.13	NA	39.17	NA	0.8
MW-3	09/09/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	13.54	NA	37.81	NA	1.0
MW-3	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	6.75	NA	44.60	NA	0.6
MW-3	03/28/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	51.35	11.28	NA	40.07	NA	0.7
MW-3	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	12.68	NA	38.67	NA	NA
MW-3	09/25/2003	<50	NA	<0.50	2.0	0.73	<1.0	NA	<0.50	NA	NA	NA	NA	51.35	13.22	NA	38.13	NA	NA
MW-3	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	12.48	NA	38.87	NA	NA
MW-3	03/18/2004	<50	NA	<0.50	13	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	51.35	8.52	NA	42.83	NA	NA
MW-3	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	12.80	NA	38.55	NA	NA
MW-3	09/02/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	13.75	NA	37.60	NA	NA
MW-3	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	9.37	NA	41.98	NA	NA
MW-3	02/28/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	51.35	6.62	NA	44.73	NA	NA
MW-3	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	11.26	NA	40.09	NA	NA
MW-3	08/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	13.00	NA	38.35	NA	NA
MW-3	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	11.05	NA	40.30	NA	NA
MW-3	03/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	51.35	5.93	NA	45.42	NA	NA
MW-3	06/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	11.40	NA	39.95	NA	NA
MW-4	12/17/1998	700	NA	4.3	0.88	<0.50	<0.50	21,000	26,000	NA	NA	NA	NA	50.73	10.80	NA	39.93	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**8930 Bancroft Avenue**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-4	03/09/1999	83.9	NA	<0.500	<0.500	<0.500	<0.500	17,900	23,700	NA	NA	NA	NA	50.73	6.91	NA	43.82	NA	NA
MW-4	06/16/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	10,600	19,200	NA	NA	NA	NA	50.73	12.84	NA	37.89	NA	NA
MW-4	09/30/1999	51.2	NA	<0.500	<0.500	<0.500	<0.500	12,200	12,300	NA	NA	NA	NA	50.73	13.74	NA	36.99	NA	NA
MW-4	12/23/1999	<100	NA	<1.00	<1.00	<1.00	<1.00	7,990	8,400	NA	NA	NA	NA	50.73	12.40	NA	38.33	NA	NA
MW-4	03/22/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	4,970	5,020	NA	NA	NA	NA	50.73	7.32	NA	43.41	NA	NA
MW-4	06/01/2000	<100	NA	<1.00	<1.00	<1.00	<1.00	5,260	3,580	NA	NA	NA	NA	50.73	11.50	NA	39.23	NA	NA
MW-4	09/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	3,610	3,300a	NA	NA	NA	NA	50.73	12.55	NA	38.18	NA	NA
MW-4	12/04/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	2,960	3,520a	NA	NA	NA	NA	50.73	11.77	NA	38.96	NA	NA
MW-4	03/09/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	1,930	2,500	NA	NA	NA	NA	50.73	7.48	NA	43.25	NA	NA
MW-4	06/27/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	1,100	1,100	NA	NA	NA	NA	50.73	12.97	NA	37.76	NA	NA
MW-4	09/20/2001	<250	NA	3.8	14	2.6	7.8	NA	940	NA	NA	NA	NA	50.73	13.30	NA	37.43	NA	NA
MW-4	12/05/2001	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	750	NA	NA	NA	NA	50.73	8.41	NA	42.32	NA	1.2
MW-4	02/26/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	320	NA	NA	NA	NA	50.73	9.40	NA	41.33	NA	0.7
MW-4	06/06/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	160	NA	NA	NA	NA	50.73	11.97	NA	38.76	NA	0.6
MW-4	09/09/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	50	NA	NA	NA	NA	50.72	13.23	NA	37.49	NA	3.6
MW-4	12/19/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.72	7.08	NA	43.64	NA	0.8
MW-4	12/26/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	47	NA	NA	NA	NA	50.72	7.23	NA	43.49	NA	1.8
MW-4	03/28/2003	<50	NA	<0.50	1.2	<0.50	<0.50	NA	17	NA	NA	NA	NA	50.72	11.30	NA	39.42	NA	1.7
MW-4	06/30/2003	54 c	NA	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	50.72	12.51	NA	38.21	NA	NA
MW-4	09/25/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	NA	50.72	13.10	NA	37.62	NA	NA
MW-4	12/02/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	280	NA	NA	NA	NA	50.72	12.39	NA	38.33	NA	NA
MW-4	03/18/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	33	NA	NA	NA	NA	50.72	8.63	NA	42.09	NA	NA
MW-4	06/17/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	50.72	12.77	NA	37.95	NA	NA
MW-4	09/02/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	7.7	<2.0	<2.0	<2.0	<5.0	50.72	13.54	NA	37.18	NA	NA
MW-4	12/14/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	7.2	NA	NA	NA	NA	50.72	9.40	NA	41.32	NA	NA
MW-4	02/28/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	3.7	NA	NA	NA	NA	50.72	7.18	NA	43.54	NA	NA
MW-4	06/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	7.3	NA	NA	NA	NA	50.72	11.30	NA	39.42	NA	NA
MW-4	08/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	5.6	<2.0	<2.0	<2.0	<5.0	50.72	12.95	NA	37.77	NA	NA
MW-4	12/05/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	2.5	NA	NA	NA	NA	50.72	11.01	NA	39.71	NA	NA
MW-4	03/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.32	NA	NA	NA	NA	50.72	6.47	NA	44.25	NA	NA
MW-4	06/14/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	2.13	NA	NA	NA	NA	50.72	11.31	NA	39.41	NA	NA
MW-5	12/17/1998	750	NA	<0.50	17	1.8	3.5	33	32	NA	NA	NA	NA	51.43	11.51	NA	39.92	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**8930 Bancroft Avenue**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-5	03/09/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	51.43	7.15	NA	44.28	NA	NA
MW-5	06/16/1999	646	NA	9.26	1.05	<1.00	<1.00	<10.0	NA	NA	NA	NA	NA	51.43	13.47	NA	37.96	NA	NA
MW-5	09/30/1999	484	NA	1.93	0.511	<0.500	<0.500	159	NA	NA	NA	NA	NA	51.43	14.41	NA	37.02	NA	NA
MW-5	12/23/1999	944	NA	4.59	17.7	3.79	16.7	214	NA	NA	NA	NA	NA	51.43	14.07	NA	37.36	NA	NA
MW-5	03/22/2000	8,770	NA	197	96.5	<50.0	188	2,450	NA	NA	NA	NA	NA	51.43	7.31	NA	44.12	NA	NA
MW-5	06/01/2000	227	NA	0.565	<0.500	<0.500	<0.500	35.9	NA	NA	NA	NA	NA	51.43	12.15	NA	39.28	NA	NA
MW-5	09/08/2000	159	NA	0.606	<0.500	<0.500	1.74	1,000	NA	NA	NA	NA	NA	51.43	13.30	NA	38.13	NA	NA
MW-5	12/04/2000	1,510	NA	19.2	<10.0	<10.0	134	1,360	NA	NA	NA	NA	NA	51.43	12.19	NA	39.24	NA	NA
MW-5	03/09/2001	3,460	NA	37.9	121	40.6	208	235	NA	NA	NA	NA	NA	51.43	7.79	NA	43.64	NA	NA
MW-5	06/27/2001	310	NA	0.97	<0.50	<0.50	<0.50	14	NA	NA	NA	NA	NA	51.43	13.89	NA	37.54	NA	NA
MW-5	09/20/2001	310	NA	<0.50	<0.50	<0.50	<0.50	NA	21	NA	NA	NA	NA	51.43	13.95	NA	37.48	NA	NA
MW-5	12/05/2001	8,800	NA	14	2.9	33	410	NA	2,300	NA	NA	NA	NA	51.43	8.89	NA	42.54	NA	0.6
MW-5	02/26/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.43	9.87	NA	NA	b	NA
MW-5	03/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.43	8.84	8.64	42.75	0.20	NA
MW-5	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.43	12.59	12.54	38.88	0.05	NA
MW-5	09/09/2002	210	NA	<0.50	<0.50	<0.50	0.90	NA	200	NA	NA	NA	NA	51.44	13.94	NA	37.50	NA	NA
MW-5	12/19/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.44	7.35	NA	44.09	NA	NA
MW-5	12/26/2002	1,400	NA	<0.50	21	6.9	60	NA	180	NA	NA	NA	NA	51.44	7.13	NA	44.31	NA	NA
MW-5	03/28/2003	240	NA	<0.50	<0.50	<0.50	2.1	NA	130	NA	NA	NA	NA	51.44	11.73	NA	39.71	NA	NA
MW-5	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.44	13.34	13.30	38.13	0.04	NA
MW-5	09/25/2003	12,000	NA	<5.0	<5.0	24	210	NA	220	NA	NA	NA	NA	51.44	13.60	NA	37.84	NA	NA
MW-5	12/02/2003	2,500	NA	<5.0	14	<5.0	11	NA	25	NA	NA	NA	NA	51.44	12.92	NA	38.52	NA	NA
MW-5	03/18/2004	2,100	NA	2.9	2.8	<1.0	780	NA	4.7	NA	NA	NA	NA	51.44	9.05	NA	42.39	NA	NA
MW-5	06/17/2004	68	NA	<0.50	<0.50	<0.50	<1.0	NA	0.89	NA	NA	NA	NA	51.44	13.45	NA	37.99	NA	NA
MW-5	09/02/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.44	14.25	14.18	37.25	0.07	NA
MW-5	12/14/2004	80,000	NA	<50	3,100	2,200	17,000	NA	<50	NA	NA	NA	NA	51.44	9.82	NA	41.62	NA	NA
MW-5	02/28/2005	12,000	NA	<10	<10	<10	570	NA	<10	NA	NA	NA	NA	51.44	7.40	NA	44.04	NA	NA
MW-5	06/21/2005	5,200	NA	<2.5	<2.5	9.5	37	NA	<2.5	NA	NA	NA	NA	51.44	11.74	NA	39.70	NA	NA
MW-5	08/29/2005	330	NA	<0.50	<0.50	0.71	1.2	NA	<0.50	<2.0	<2.0	<2.0	<5.0	51.44	13.58	NA	37.86	NA	NA
MW-5	12/05/2005	71	NA	<0.50	1.4	0.53	6.2	NA	<0.50	NA	NA	NA	NA	51.44	11.53	NA	39.91	NA	NA
MW-5	03/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	51.44	6.74	NA	44.70	NA	NA
MW-5	06/14/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	51.44	11.88	NA	39.56	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (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)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-6	12/17/1998	940	NA	27	0.32	2.4	2.3	3.0	3.2	NA	NA	NA	NA	51.88	11.37	NA	40.51	NA	NA
MW-6	03/09/1999	336	NA	7.78	1.60	2.40	6.36	<10.0	NA	NA	NA	NA	NA	51.88	8.10	NA	43.78	NA	NA
MW-6	06/16/1999	308	NA	2.45	<0.500	<0.500	<0.500	7.39	NA	NA	NA	NA	NA	51.88	14.49	NA	37.39	NA	NA
MW-6	09/30/1999	80.2	NA	<0.500	<0.500	<0.500	<0.500	24.8	NA	NA	NA	NA	NA	51.88	15.30	NA	36.58	NA	NA
MW-6	12/23/1999	149	NA	0.518	<0.500	<0.500	<0.500	6.43	NA	NA	NA	NA	NA	51.88	13.19	NA	38.69	NA	NA
MW-6	03/22/2000	382	NA	3.31	2.18	0.619	2.35	5.61	NA	NA	NA	NA	NA	51.88	8.27	NA	43.61	NA	NA
MW-6	06/01/2000	158	NA	0.830	<0.500	<0.500	1.10	10.9	NA	NA	NA	NA	NA	51.88	11.13	NA	40.75	NA	NA
MW-6	09/08/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	51.88	14.28	NA	37.60	NA	NA
MW-6	12/04/2000	231	NA	4.93	<0.500	<0.500	<0.500	4.57	NA	NA	NA	NA	NA	51.88	12.62	NA	39.26	NA	NA
MW-6	03/09/2001	789	NA	11.6	2.72	<2.00	<2.00	28.0	NA	NA	NA	NA	NA	51.88	8.65	NA	43.23	NA	NA
MW-6	06/27/2001	140	NA	<0.50	1.1	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	51.88	14.95	NA	36.93	NA	NA
MW-6	09/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	51.88	14.70	NA	37.18	NA	NA
MW-6	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.88	9.62	NA	42.26	NA	1.8
MW-6	02/26/2002	130	NA	<0.50	2.6	0.69	4.1	NA	6.4	NA	NA	NA	NA	51.88	10.14	NA	41.74	NA	NA
MW-6	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.88	13.52	NA	38.36	NA	NA
MW-6	09/09/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	51.86	14.92	NA	36.94	NA	NA
MW-6	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	8.22	NA	43.64	NA	NA
MW-6	03/28/2003	740	NA	<0.50	<0.50	<0.50	<0.50	NA	14	NA	NA	NA	NA	51.86	12.57	NA	39.29	NA	NA
MW-6	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	14.14	NA	37.72	NA	NA
MW-6	09/25/2003	<250	NA	<2.5	160	<2.5	<5.0	NA	5.3	NA	NA	NA	NA	51.86	14.30	NA	37.56	NA	NA
MW-6	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	13.72	NA	38.14	NA	NA
MW-6	03/18/2004	1,200	NA	<1.0	7.1	1.5	2.7	NA	16	NA	NA	NA	NA	51.86	9.72	NA	42.14	NA	NA
MW-6	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	14.48	NA	37.38	NA	NA
MW-6	09/02/2004	75	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	<5.0	51.86	15.16	NA	36.70	NA	NA
MW-6	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	10.55	NA	41.31	NA	NA
MW-6	02/28/2005	500	NA	<0.50	<0.50	<0.50	<1.0	NA	4.6	NA	NA	NA	NA	51.86	8.40	NA	43.46	NA	NA
MW-6	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	12.58	NA	39.28	NA	NA
MW-6	08/29/2005	96	NA	<0.50	<0.50	<0.50	<1.0	NA	0.56	<2.0	<2.0	<2.0	<5.0	51.86	14.61	NA	37.25	NA	NA
MW-6	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	12.22	NA	39.64	NA	NA
MW-6	03/31/2006	308	NA	<0.500	<0.500	<0.500	<0.500	NA	1.39	NA	NA	NA	NA	51.86	7.66	NA	44.20	NA	NA
MW-6	06/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	12.65	NA	39.21	NA	NA

**WELL CONCENTRATIONS**  
**Former Shell Service Station**  
**8930 Bancroft Avenue**  
**Oakland, CA**

Well ID	Date	TPPH (ug/L)	TEPH (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)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to September 20, 2001, analyzed by EPA Method 8015.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to September 20, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

ETBE = Ethyl tertiary butyl 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

SPH = Separate-phase hydrocarbons

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

DO = Dissolved oxygen

mg/L = Parts per million

Notes:

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

b = SPH detected in well, but exact thickness could not be measured.

c = Hydrocarbon does not match pattern of laboratory's standard.

d = Top of casing altered +0.11 feet during wellhead maintenance on December 28, 2004.

When separate-phase hydrocarbons are present, groundwater elevation is adjusted using the relation: Groundwater Elevation = Top-of-Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).

Site surveyed February 12 and May 16, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

June 30, 2006

Client: Cambria Env. Tech. (Emeryville) / SHELL (13675)  
5900 Hollis Street, Suite A  
Emeryville, CA 94608  
Attn: Anni Kreml

Work Order: NPF2471  
Project Name: 8930 Bancroft Road, Oakland, CA  
Project Nbr: SAP 135678  
P/O Nbr: 98995742  
Date Received: 06/17/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-4	NPF2471-01	06/14/06 15:22
MW-5	NPF2471-02	06/14/06 15:43

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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The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

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Report Approved By:



Jim Hatfield  
Project Management



Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Kreml

Work Order: NPF2471  
 Project Name: 8930 Bancroft Road, Oakland, CA  
 Project Number: SAP 135678  
 Received: 06/17/06 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NPF2471-01 (MW-4 - Water) Sampled: 06/14/06 15:22</b>								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	06/27/06 15:13	SW846 8260B	6065683
Ethylbenzene	ND		ug/L	0.500	1	06/27/06 15:13	SW846 8260B	6065683
Methyl tert-Butyl Ether	2.13		ug/L	0.500	1	06/27/06 15:13	SW846 8260B	6065683
Toluene	ND		ug/L	0.500	1	06/27/06 15:13	SW846 8260B	6065683
Xylenes, total	ND		ug/L	0.500	1	06/27/06 15:13	SW846 8260B	6065683
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	97 %					06/27/06 15:13	SW846 8260B	6065683
<i>Surr: Dibromofluoromethane (79-122%)</i>	109 %					06/27/06 15:13	SW846 8260B	6065683
<i>Surr: Toluene-d8 (78-121%)</i>	105 %					06/27/06 15:13	SW846 8260B	6065683
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	96 %					06/27/06 15:13	SW846 8260B	6065683
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	06/27/06 15:13	CA LUFT GC/MS	6065683
<b>Sample ID: NPF2471-02 (MW-5 - Water) Sampled: 06/14/06 15:43</b>								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	06/27/06 04:22	SW846 8260B	6065480
Ethylbenzene	ND		ug/L	0.500	1	06/27/06 04:22	SW846 8260B	6065480
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	06/27/06 04:22	SW846 8260B	6065480
Toluene	ND		ug/L	0.500	1	06/27/06 04:22	SW846 8260B	6065480
Xylenes, total	ND		ug/L	0.500	1	06/27/06 04:22	SW846 8260B	6065480
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	95 %					06/27/06 04:22	SW846 8260B	6065480
<i>Surr: Dibromofluoromethane (79-122%)</i>	107 %					06/27/06 04:22	SW846 8260B	6065480
<i>Surr: Toluene-d8 (78-121%)</i>	103 %					06/27/06 04:22	SW846 8260B	6065480
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	101 %					06/27/06 04:22	SW846 8260B	6065480
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	06/27/06 04:22	CA LUFT GC/MS	6065480

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Kreml

Work Order: NPF2471  
 Project Name: 8930 Bancroft Road, Oakland, CA  
 Project Number: SAP 135678  
 Received: 06/17/06 08:00

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

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>						
<b>6065480-BLK1</b>						
Benzene	<0.200		ug/L	6065480	6065480-BLK1	06/27/06 01:07
Ethylbenzene	<0.200		ug/L	6065480	6065480-BLK1	06/27/06 01:07
Methyl tert-Butyl Ether	<0.200		ug/L	6065480	6065480-BLK1	06/27/06 01:07
Toluene	<0.200		ug/L	6065480	6065480-BLK1	06/27/06 01:07
Xylenes, total	<0.350		ug/L	6065480	6065480-BLK1	06/27/06 01:07
Surrogate: 1,2-Dichloroethane-d4	98%			6065480	6065480-BLK1	06/27/06 01:07
Surrogate: Dibromofluoromethane	110%			6065480	6065480-BLK1	06/27/06 01:07
Surrogate: Toluene-d8	109%			6065480	6065480-BLK1	06/27/06 01:07
Surrogate: 4-Bromofluorobenzene	97%			6065480	6065480-BLK1	06/27/06 01:07
<b>6065683-BLK1</b>						
Benzene	<0.200		ug/L	6065683	6065683-BLK1	06/27/06 14:28
Ethylbenzene	<0.200		ug/L	6065683	6065683-BLK1	06/27/06 14:28
Methyl tert-Butyl Ether	<0.200		ug/L	6065683	6065683-BLK1	06/27/06 14:28
Toluene	<0.200		ug/L	6065683	6065683-BLK1	06/27/06 14:28
Xylenes, total	<0.350		ug/L	6065683	6065683-BLK1	06/27/06 14:28
Surrogate: 1,2-Dichloroethane-d4	96%			6065683	6065683-BLK1	06/27/06 14:28
Surrogate: Dibromofluoromethane	109%			6065683	6065683-BLK1	06/27/06 14:28
Surrogate: Toluene-d8	109%			6065683	6065683-BLK1	06/27/06 14:28
Surrogate: 4-Bromofluorobenzene	100%			6065683	6065683-BLK1	06/27/06 14:28
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>6065480-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6065480	6065480-BLK1	06/27/06 01:07
Surrogate: 1,2-Dichloroethane-d4	98%			6065480	6065480-BLK1	06/27/06 01:07
Surrogate: Dibromofluoromethane	110%			6065480	6065480-BLK1	06/27/06 01:07
Surrogate: Toluene-d8	109%			6065480	6065480-BLK1	06/27/06 01:07
Surrogate: 4-Bromofluorobenzene	97%			6065480	6065480-BLK1	06/27/06 01:07
<b>6065683-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	6065683	6065683-BLK1	06/27/06 14:28
Surrogate: 1,2-Dichloroethane-d4	96%			6065683	6065683-BLK1	06/27/06 14:28
Surrogate: Dibromofluoromethane	109%			6065683	6065683-BLK1	06/27/06 14:28
Surrogate: Toluene-d8	109%			6065683	6065683-BLK1	06/27/06 14:28
Surrogate: 4-Bromofluorobenzene	100%			6065683	6065683-BLK1	06/27/06 14:28

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Kreml

Work Order: NPF2471  
 Project Name: 8930 Bancroft Road, Oakland, CA  
 Project Number: SAP 135678  
 Received: 06/17/06 08:00

## PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Selected Volatile Organic Compounds by EPA Method 8260B</b>								
<b>6065480-BS1</b>								
Benzene	50.0	52.9		ug/L	106%	79 - 123	6065480	06/26/06 23:54
Ethylbenzene	50.0	48.1		ug/L	96%	79 - 125	6065480	06/26/06 23:54
Methyl tert-Butyl Ether	50.0	45.5		ug/L	91%	66 - 142	6065480	06/26/06 23:54
Toluene	50.0	49.0		ug/L	98%	78 - 122	6065480	06/26/06 23:54
Xylenes, total	150	149		ug/L	99%	79 - 130	6065480	06/26/06 23:54
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	49.3			99%	70 - 130	6065480	06/26/06 23:54
<i>Surrogate: Dibromofluoromethane</i>	50.0	51.2			102%	79 - 122	6065480	06/26/06 23:54
<i>Surrogate: Toluene-d8</i>	50.0	53.0			106%	78 - 121	6065480	06/26/06 23:54
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	49.4			99%	78 - 126	6065480	06/26/06 23:54
<b>6065683-BS1</b>								
Benzene	50.0	53.0		ug/L	106%	79 - 123	6065683	06/27/06 13:15
Ethylbenzene	50.0	48.5		ug/L	97%	79 - 125	6065683	06/27/06 13:15
Methyl tert-Butyl Ether	50.0	43.5		ug/L	87%	66 - 142	6065683	06/27/06 13:15
Toluene	50.0	50.5		ug/L	101%	78 - 122	6065683	06/27/06 13:15
Xylenes, total	150	146		ug/L	97%	79 - 130	6065683	06/27/06 13:15
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	49.0			98%	70 - 130	6065683	06/27/06 13:15
<i>Surrogate: Dibromofluoromethane</i>	50.0	50.2			100%	79 - 122	6065683	06/27/06 13:15
<i>Surrogate: Toluene-d8</i>	50.0	52.5			105%	78 - 121	6065683	06/27/06 13:15
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	47.3			95%	78 - 126	6065683	06/27/06 13:15
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>6065480-BS1</b>								
Gasoline Range Organics	3050	2160		ug/L	71%	67 - 130	6065480	06/26/06 23:54
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	49.3			99%	70 - 130	6065480	06/26/06 23:54
<i>Surrogate: Dibromofluoromethane</i>	50.0	51.2			102%	70 - 130	6065480	06/26/06 23:54
<i>Surrogate: Toluene-d8</i>	50.0	53.0			106%	70 - 130	6065480	06/26/06 23:54
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	49.4			99%	70 - 130	6065480	06/26/06 23:54
<b>6065683-BS1</b>								
Gasoline Range Organics	3050	2350		ug/L	77%	67 - 130	6065683	06/27/06 13:15
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	49.0			98%	70 - 130	6065683	06/27/06 13:15
<i>Surrogate: Dibromofluoromethane</i>	50.0	50.2			100%	70 - 130	6065683	06/27/06 13:15
<i>Surrogate: Toluene-d8</i>	50.0	52.5			105%	70 - 130	6065683	06/27/06 13:15
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	47.3			95%	70 - 130	6065683	06/27/06 13:15

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Kreml

Work Order: NPF2471  
 Project Name: 8930 Bancroft Road, Oakland, CA  
 Project Number: SAP 135678  
 Received: 06/17/06 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>Selected Volatile Organic Compounds by EPA Method 8260B</b>										
<b>6065480-MS1</b>										
Benzene	ND	62.3		ug/L	50.0	125%	71 - 137	6065480	NPF2622-01	06/27/06 09:15
Ethylbenzene	ND	54.2		ug/L	50.0	108%	72 - 139	6065480	NPF2622-01	06/27/06 09:15
Methyl tert-Butyl Ether	ND	48.2		ug/L	50.0	96%	55 - 152	6065480	NPF2622-01	06/27/06 09:15
Toluene	ND	56.1		ug/L	50.0	112%	73 - 133	6065480	NPF2622-01	06/27/06 09:15
Xylenes, total	ND	160		ug/L	150	107%	70 - 143	6065480	NPF2622-01	06/27/06 09:15
Surrogate: 1,2-Dichloroethane-d4		50.1		ug/L	50.0	100%	70 - 130	6065480	NPF2622-01	06/27/06 09:15
Surrogate: Dibromofluoromethane		52.6		ug/L	50.0	105%	79 - 122	6065480	NPF2622-01	06/27/06 09:15
Surrogate: Toluene-d8		52.7		ug/L	50.0	105%	78 - 121	6065480	NPF2622-01	06/27/06 09:15
Surrogate: 4-Bromofluorobenzene		46.1		ug/L	50.0	92%	78 - 126	6065480	NPF2622-01	06/27/06 09:15
<b>6065683-MS1</b>										
Benzene	0.620	63.8		ug/L	50.0	126%	71 - 137	6065683	NPF2524-01	06/27/06 22:58
Ethylbenzene	ND	55.9		ug/L	50.0	112%	72 - 139	6065683	NPF2524-01	06/27/06 22:58
Methyl tert-Butyl Ether	1.00E9	1.00E9	MHA	ug/L	50.0	0%	55 - 152	6065683	NPF2524-01	06/27/06 22:58
Toluene	ND	57.0		ug/L	50.0	114%	73 - 133	6065683	NPF2524-01	06/27/06 22:58
Xylenes, total	0.500	171		ug/L	150	114%	70 - 143	6065683	NPF2524-01	06/27/06 22:58
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130	6065683	NPF2524-01	06/27/06 22:58
Surrogate: Dibromofluoromethane		53.9		ug/L	50.0	108%	79 - 122	6065683	NPF2524-01	06/27/06 22:58
Surrogate: Toluene-d8		52.4		ug/L	50.0	105%	78 - 121	6065683	NPF2524-01	06/27/06 22:58
Surrogate: 4-Bromofluorobenzene		46.0		ug/L	50.0	92%	78 - 126	6065683	NPF2524-01	06/27/06 22:58
<b>Purgeable Petroleum Hydrocarbons</b>										
<b>6065480-MS1</b>										
Gasoline Range Organics	ND	2020		ug/L	3050	66%	60 - 140	6065480	NPF2622-01	06/27/06 09:15
Surrogate: 1,2-Dichloroethane-d4		50.1		ug/L	50.0	100%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
Surrogate: Dibromofluoromethane		52.6		ug/L	50.0	105%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
Surrogate: Toluene-d8		52.7		ug/L	50.0	105%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
Surrogate: 4-Bromofluorobenzene		46.1		ug/L	50.0	92%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
<b>6065683-MS1</b>										
Gasoline Range Organics	ND	2870		ug/L	3050	94%	60 - 140	6065683	NPF2524-01	06/27/06 22:58
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	0 - 200	6065683	NPF2524-01	06/27/06 22:58
Surrogate: Dibromofluoromethane		53.9		ug/L	50.0	108%	0 - 200	6065683	NPF2524-01	06/27/06 22:58
Surrogate: Toluene-d8		52.4		ug/L	50.0	105%	0 - 200	6065683	NPF2524-01	06/27/06 22:58
Surrogate: 4-Bromofluorobenzene		46.0		ug/L	50.0	92%	0 - 200	6065683	NPF2524-01	06/27/06 22:58

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Kreml

Work Order: NPF2471  
 Project Name: 8930 Bancroft Road, Oakland, CA  
 Project Number: SAP 135678  
 Received: 06/17/06 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>Selected Volatile Organic Compounds by EPA Method 8260B</b>												
<b>6065480-MSD1</b>												
Benzene	ND	53.3		ug/L	50.0	107%	71 - 137	16	23	6065480	NPF2622-01	06/27/06 09:40
Ethylbenzene	ND	47.3		ug/L	50.0	95%	72 - 139	14	23	6065480	NPF2622-01	06/27/06 09:40
Methyl tert-Butyl Ether	ND	43.4		ug/L	50.0	87%	55 - 152	10	27	6065480	NPF2622-01	06/27/06 09:40
Toluene	ND	49.2		ug/L	50.0	98%	73 - 133	13	25	6065480	NPF2622-01	06/27/06 09:40
Xylenes, total	ND	137		ug/L	150	91%	70 - 143	15	27	6065480	NPF2622-01	06/27/06 09:40
Surrogate: 1,2-Dichloroethane-d4		50.9		ug/L	50.0	102%	70 - 130			6065480	NPF2622-01	06/27/06 09:40
Surrogate: Dibromofluoromethane		54.1		ug/L	50.0	108%	79 - 122			6065480	NPF2622-01	06/27/06 09:40
Surrogate: Toluene-d8		53.6		ug/L	50.0	107%	78 - 121			6065480	NPF2622-01	06/27/06 09:40
Surrogate: 4-Bromofluorobenzene		48.5		ug/L	50.0	97%	78 - 126			6065480	NPF2622-01	06/27/06 09:40
<b>6065683-MSD1</b>												
Benzene	0.620	62.9		ug/L	50.0	125%	71 - 137	1	23	6065683	NPF2524-01	06/27/06 23:22
Ethylbenzene	ND	56.5		ug/L	50.0	113%	72 - 139	1	23	6065683	NPF2524-01	06/27/06 23:22
Methyl tert-Butyl Ether	1.00E9	1.00E9	MHA	ug/L	50.0	0%	55 - 152	0	27	6065683	NPF2524-01	06/27/06 23:22
Toluene	ND	58.4		ug/L	50.0	117%	73 - 133	2	25	6065683	NPF2524-01	06/27/06 23:22
Xylenes, total	0.500	172		ug/L	150	114%	70 - 143	0.6	27	6065683	NPF2524-01	06/27/06 23:22
Surrogate: 1,2-Dichloroethane-d4		50.4		ug/L	50.0	101%	70 - 130			6065683	NPF2524-01	06/27/06 23:22
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122			6065683	NPF2524-01	06/27/06 23:22
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	78 - 121			6065683	NPF2524-01	06/27/06 23:22
Surrogate: 4-Bromofluorobenzene		49.2		ug/L	50.0	98%	78 - 126			6065683	NPF2524-01	06/27/06 23:22
<b>Purgeable Petroleum Hydrocarbons</b>												
<b>6065480-MSD1</b>												
Gasoline Range Organics	ND	1690	M8	ug/L	3050	55%	60 - 140	18	40	6065480	NPF2622-01	06/27/06 09:40
Surrogate: 1,2-Dichloroethane-d4		50.9		ug/L	50.0	102%	0 - 200			6065480	NPF2622-01	06/27/06 09:40
Surrogate: Dibromofluoromethane		54.1		ug/L	50.0	108%	0 - 200			6065480	NPF2622-01	06/27/06 09:40
Surrogate: Toluene-d8		53.6		ug/L	50.0	107%	0 - 200			6065480	NPF2622-01	06/27/06 09:40
Surrogate: 4-Bromofluorobenzene		48.5		ug/L	50.0	97%	0 - 200			6065480	NPF2622-01	06/27/06 09:40
<b>6065683-MSD1</b>												
Gasoline Range Organics	ND	3060		ug/L	3050	100%	60 - 140	6	40	6065683	NPF2524-01	06/27/06 23:22
Surrogate: 1,2-Dichloroethane-d4		50.4		ug/L	50.0	101%	0 - 200			6065683	NPF2524-01	06/27/06 23:22
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	0 - 200			6065683	NPF2524-01	06/27/06 23:22
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	0 - 200			6065683	NPF2524-01	06/27/06 23:22
Surrogate: 4-Bromofluorobenzene		49.2		ug/L	50.0	98%	0 - 200			6065683	NPF2524-01	06/27/06 23:22

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
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Work Order: NPF2471  
 Project Name: 8930 Bancroft Road, Oakland, CA  
 Project Number: SAP 135678  
 Received: 06/17/06 08:00

### CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
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Work Order: NPF2471  
Project Name: 8930 Bancroft Road, Oakland, CA  
Project Number: SAP 135678  
Received: 06/17/06 08:00

## 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

Client Cambria Env. Tech. (Emeryville) / SHELL (13675)  
5900 Hollis Street, Suite A  
Emeryville, CA 94608  
Attn Anni Kreml

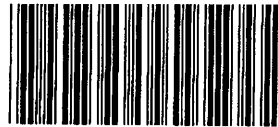
Work Order: NPF2471  
Project Name: 8930 Bancroft Road, Oakland, CA  
Project Number: SAP 135678  
Received: 06/17/06 08:00

## DATA QUALIFIERS AND DEFINITIONS

**M8** The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).  
**MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

## METHOD MODIFICATION NOTES





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

BC#

NPF2471

Cooler Received/Opened On: 6/17/2006 8:00 5581  
1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

FED-EX  
Temperature of representative sample or temperature blank when opened: 1.8 Degrees Celsius  
(indicate IR Gun ID#)

101507

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)..... WJ

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)..... JK

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)..... JK

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)..... JK

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

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

**NAME OF PERSON TO BILL:** Denis Brown

ENVIRONMENTAL SERVICES  CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

NETWORK DEV / FE  BILL CONSULTANT

COMPLIANCE  RMT/CRMT

**INCIDENT # (ES ONLY):** 9 8 9 9 5 7 4 2

**DATE:** 6-14-06

**PAGE:** 1 of 1

**SAMPLING COMPANY:** Blaine Tech Services

**LOG CODE:** BTSS

**ADDRESS:** 1680 Rogers Avenue, San Jose, CA 95112

**PROJECT CONTACT (Hardcopy or PDF Report to):** Michael Ninokata

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

**SITE ADDRESS: Street and City:** 8930 Bancroft Rd., Oakland

**State:** CA **GLOBAL ID NO.:** T0600118567

**EDF DELIVERABLE TO (Name, Company, Office Location):** Anni Kremi, Cambria, Emeryville Office **PHONE NO.:** (510)420-3335

**E-MAIL:** shell.em.edf@cambria-env.com **CONSULTANT PROJECT NO.:** 060614-0W-2

**SAMPLER NAME(S) (Print):** Dave Walter **LAB USE ONLY**

**TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):**  STD  5 DAY  3 DAY  2 DAY  24 HOURS  RESULTS NEEDED ON WEEKEND

**REQUESTED ANALYSIS**

LA - RWQCB REPORT FORMAT  UST AGENCY: \_\_\_\_\_

**SPECIAL INSTRUCTIONS OR NOTES:**

**NPF2471**  
07/01/06 23:59

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

TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8016M)	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 (8016M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)	TEMPERATURE ON RECEIPT C°
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**FIELD NOTES:**  
Container/Preservative or PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8016M)	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 (8016M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)	TEMPERATURE ON RECEIPT C°	
		DATE	TIME																				
	MW-4	6-14	1522	w	3	X		X		X			NPF 2471-1										
	MW-5	6-14	1543	w	3	X		X		X					2								

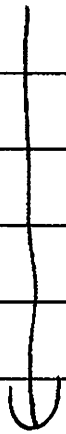
Relinquished by: (Signature) <i>David C. Walt</i>	Received by: (Signature) <i>Sample Custodian David C. Walt</i>	Date: 6-14-06	Time: 1700
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 6/15/06	Time: 1535
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 6/15/06	Time: 1616

*6-17-06 8*

## WELL GAUGING DATA

Project # 060614-DW-2 Date 6-14-06 Client Sheen

Site 8930 Bancroft 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 <del>TOC</del>	
MW-1	3					13.37	16.84		
MW-2	3					13.18	19.82		
MW-3	3					11.40	19.73		
MW-4	3					11.31	19.18		S
MW-5	3					11.88	19.76		S
MW-6	3					12.65	19.79		

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>060614-DW-2</u>	Site: <u>8930 Bancroft</u>
Sampler: <u>DW</u>	Date: <u>6-14-06</u>
Well I.D.: <u>mw-4</u>	Well Diameter: 2 (3) 4 6 8 _____
Total Well Depth (TD): <u>19.18</u>	Depth to Water (DTW): <u>11.31</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>12.88</u>	

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

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

<u>2.9</u> (Gals.) X	<u>3</u>	<u>=</u>	<u>8.7</u> 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 $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1509</u>	<u>71.4</u>	<u>6.8</u>	<u>382</u>	<u>&gt;1000</u>	<u>3</u>	
<u>1514</u>	<u>69.3</u>	<u>6.7</u>	<u>388</u>	<u>&gt;1000</u>	<u>6</u>	
<u>1519</u>	<u>68.9</u>	<u>6.6</u>	<u>385</u>	<u>&gt;1000</u>	<u>9</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 9

Sampling Date: 6-14-06 Sampling Time: 1522 Depth to Water: 11.75

Sample I.D.: mw-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 #: <u>060614-DW-2</u>	Site: <u>8930 Bancroft</u>
Sampler: <u>DW</u>	Date: <u>6-14-06</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 <u>(3)</u> 4 6 8 <u>   </u>
Total Well Depth (TD): <u>19.76</u>	Depth to Water (DTW): <u>11.88</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVD)</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>13.45</u>	

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

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

$\frac{2.9}{1} \text{ (Gals.)} \times \frac{3}{\text{Specified Volumes}} = \frac{8.7}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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
<u>1530</u>	<u>69.9</u>	<u>6.6</u>	<u>365</u>	<u>&gt; 1000</u>	<u>3</u>	
<u>1535</u>	<u>68.8</u>	<u>6.4</u>	<u>367</u>	<u>&gt; 1000</u>	<u>6</u>	
<u>1540</u>	<u>68.6</u>	<u>6.3</u>	<u>370</u>	<u>&gt; 1000</u>	<u>9</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 9

Sampling Date: 6-14-06 Sampling Time: 1543 Depth to Water: 12.62

Sample I.D.: MW-5 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



