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Denis L. Brown

January 17, 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: Fourth Quarter 2005 Monitoring Report  
Shell-branded Service Station  
6039 College Avenue  
Oakland, California  
SAP Code 135685  
Incident No. 98995745  
ACHCSA # 3719

Alameda County  
JAN 23 2006  
Environmental Health

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Fourth Quarter 2005 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,

Denis L. Brown  
Sr. Environmental Engineer

January 17, 2006

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

**Re: Fourth Quarter 2005 Monitoring Report**  
Shell-branded Service Station  
6039 College Avenue  
Oakland, California  
Incident #98995745  
Cambria Project #248-0503-002

Alameda County  
JAN 23 2006  
Environmental Health



Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

## **HISTORICAL REMEDIATION SUMMARY**


***Separate-Phase and Dissolved-Phase Hydrocarbon Removal:*** In September 1999, Cambria initiated weekly extraction of separate-phase hydrocarbons (SPH) and dissolved-phase hydrocarbons at this site. Between September 22 and November 10, 1999, Advanced Cleanup Technologies, Inc. of Benicia, California extracted SPH and groundwater from wells MW-3 and MW-4 with a vacuum truck. Beginning November 10, 1999, Blaine Tech Services, Inc. (Blaine) of San Jose, California took over the weekly purging events as the volume of groundwater and SPH removed weekly was insufficient to warrant using a vacuum truck. Due to the absence of SPH in MW-4, Blaine discontinued weekly purging events on June 8, 2000. After SPH reappeared in the second and third quarters of 2001, Cambria reinstated monthly extraction using a vacuum truck in December 2001. No SPH has been detected since the third quarter of 2001. Monthly mobile groundwater extraction (GWE) was discontinued after the December 12, 2003 event due to decreased hydrocarbon concentrations. Due to increases in hydrocarbon concentrations in wells MW-3 and MW-4 during the first and second quarters of 2004, monthly mobile GWE was reinstated in July of 2004. To date, approximately 2.6 pounds of liquid-phase

**Cambria  
Environmental  
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5900 Hollis Street  
Suite A  
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total petroleum hydrocarbons as gasoline and 2.5 pounds of liquid-phase methyl tertiary butyl ether have been removed from the subsurface. Due to decreased hydrocarbon concentrations, GWE was discontinued following the January 2005 event.

#### **FOURTH QUARTER 2005 ACTIVITIES**



**Groundwater Monitoring:** Blaine gauged water levels, sampled select wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a vicinity map which includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, including the laboratory report and supporting field documents, is included as Attachment A.

**Subsurface Investigation:** On December 14, 2005, Cambria submitted a *Subsurface Investigation Report* detailing a soil and groundwater investigation as proposed in the June 30, 2005 *Subsurface Investigation Work Plan Amendment 3*. The purpose of the investigation was to assess the lateral extent of petroleum hydrocarbons and fuel oxygenates in soil and groundwater beneath the site, and to determine whether more permeable layers exist beneath the fine-grained material encountered when installing existing monitoring wells MW-5 and MW-6. Based on the results of this investigation, Shell recommended installing an additional on-site groundwater monitoring well immediately downgradient of the westernmost dispenser island. In a January 9, 2006 letter, Alameda County Health Care Services (ACHCSA) concurred with the recommendation and requested a work plan detailing the field activities.

#### **ANTICIPATED FIRST QUARTER 2006 ACTIVITIES**

**Groundwater Monitoring:** Blaine will inspect wells for SPH, gauge all wells, sample selected site wells if no SPH are present, and tabulate the data. Cambria will prepare a quarterly monitoring report.

**Monitoring Well Installation Work Plan:** As ACHCSA requested, Cambria will submit a work plan for installing an additional on-site monitoring well before March 10, 2006.

**CLOSING**

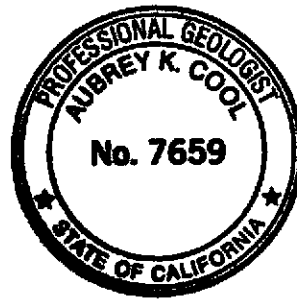
We appreciate the opportunity to work with you on this project. Please call David Gibbs at (510) 420-3363 if you have any questions or comments.

Sincerely,  
**Cambria Environmental Technology, Inc**



David M. Gibbs, P.G.  
Project Geologist

Aubrey K. Cool, P.G.  
Senior Project Geologist

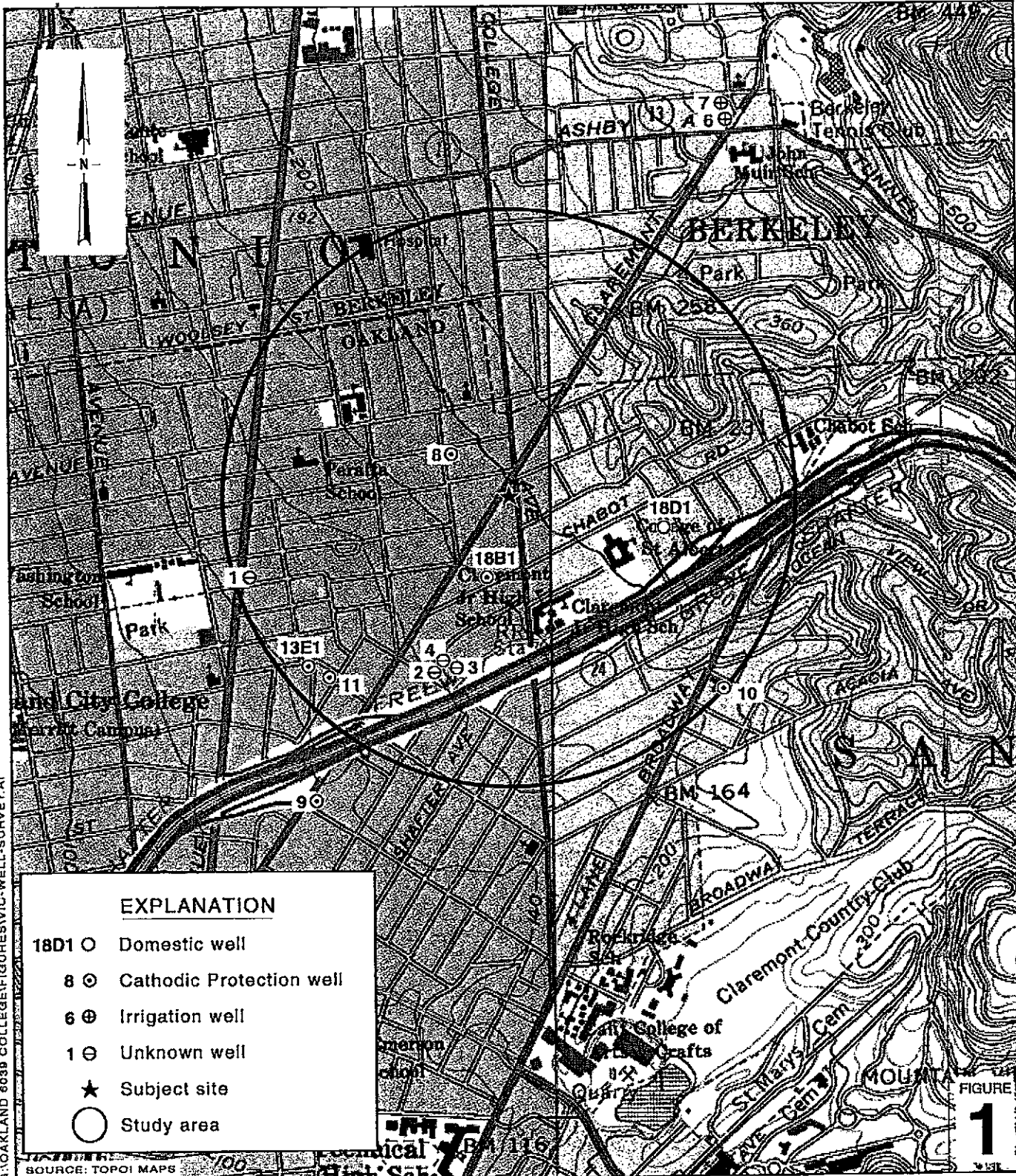


Figures: 1 - Vicinity/Area Well Survey Map  
2 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810  
Russell J. Bruzzone, Inc., 899 Hope Lane, Lafayette, CA 94549  
Montrose Investment Co., 242 Rivera Circle, Greenbrae Marina, Larkspur, CA 94939  
Attn: Jim Graham  
Claremont Enterprises, Attn. Miriam Clark, 6013 Auburn Ave., Oakland, CA 94618

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**Shell-branded Service Station**  
 6039 College Avenue  
 Oakland, California  
 Incident #98995745



**Vicinity / Area Well Survey Map**  
 1/2 Mile Radius

FIGURE  
**1**

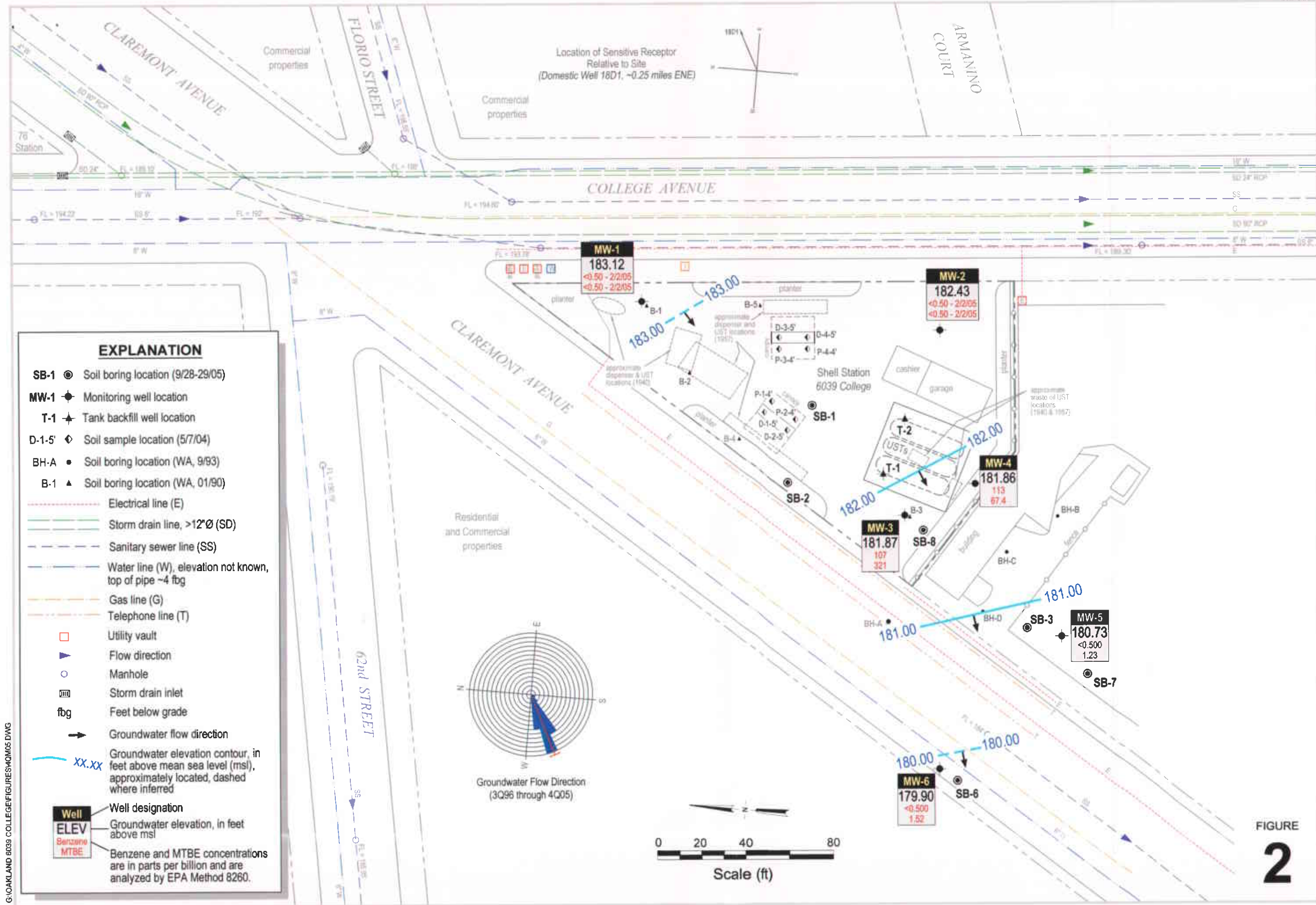


FIGURE 2

Groundwater Elevation Contour Map

November 16, 2005



C A M B R I A

Shell-branded Service Station

6039 College Avenue  
Oakland, California  
Incident No.98995745

**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

December 22, 2005

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

Fourth Quarter 2005 Groundwater Monitoring at  
Shell-branded Service Station  
6039 College Avenue  
Oakland, CA

Monitoring performed on November 16, 2005

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Groundwater Monitoring Report **051116-MD-2**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

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

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.



Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata  
Project Coordinator

MN/ks

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

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

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College 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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	02/15/1990	95	650	ND	0.67	0.37	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.73	NA	178.16	NA	NA
MW-1	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.51	NA	177.38	NA	NA
MW-1	05/14/1990	95	ND	0.7	0.57	0.71	3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.92	NA	176.97	NA	NA
MW-1	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.21	NA	177.68	NA	NA
MW-1	09/12/1990	ND	84	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.81	NA	176.08	NA	NA
MW-1	11/27/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	20.39	NA	175.50	NA	NA
MW-1	03/08/1991	ND	50	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.85	NA	179.04	NA	NA
MW-1	06/03/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.82	NA	178.07	NA	NA
MW-1	08/30/1991	16.85	520	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.87	NA	176.02	NA	NA
MW-1	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	20.58	NA	175.31	NA	NA
MW-1	03/18/1992	<30	<50	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	13.55	NA	182.34	NA	NA
MW-1	05/28/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.08	NA	178.81	NA	NA
MW-1	08/19/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.07	NA	176.82	NA	NA
MW-1	11/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	20.11	NA	175.78	NA	NA
MW-1	02/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.10	NA	183.79	NA	NA
MW-1	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.87	NA	181.02	NA	NA
MW-1	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.90	NA	178.99	NA	NA
MW-1	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	19.72	NA	176.17	NA	NA
MW-1	02/28/1994	<50	NA	<0.5	<0.5	<0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.08	NA	180.81	NA	NA
MW-1	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.20	NA	178.69	NA	NA
MW-1	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.76	NA	177.13	NA	NA
MW-1	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.00	NA	179.89	NA	NA
MW-1	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	10.18	NA	185.71	NA	NA
MW-1	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	11.88	NA	184.01	NA	NA
MW-1	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.60	NA	180.29	NA	NA
MW-1	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.24	NA	177.65	NA	NA
MW-1	02/24/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	9.88	NA	186.01	NA	NA
MW-1	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.24	NA	183.65	NA	NA
MW-1	08/19/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.86	NA	180.03	NA	NA
MW-1	12/05/1996	160	NA	7.3	8.2	5.5	23	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.21	NA	179.68	NA	NA
MW-1	01/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	9.73	NA	186.16	NA	NA
MW-1	02/20/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	195.89	11.60	NA	184.29	NA	NA
MW-1	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.02	NA	180.87	NA	NA
MW-1	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.20	NA	178.69	NA	NA
MW-1	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.02	NA	179.87	NA	NA
MW-1	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	9.35	NA	186.54	NA	NA
MW-1	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	11.75	NA	184.14	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College 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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	13.32	NA	182.57	NA	NA
MW-1	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.01	NA	181.88	NA	NA
MW-1	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.62	NA	180.27	NA	NA
MW-1	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.72	NA	181.17	NA	NA
MW-1	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.00	NA	178.89	NA	NA
MW-1	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	18.36	NA	177.53	NA	NA
MW-1	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.09	NA	180.80	NA	NA
MW-1	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.97	NA	182.92	NA	NA
MW-1	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.02	NA	180.87	NA	NA
MW-1	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	12.90	NA	182.99	NA	NA
MW-1	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.28	NA	181.61	NA	NA
MW-1	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	16.04	NA	179.85	NA	NA
MW-1	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.53	NA	178.36	NA	NA
MW-1	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	14.79	NA	181.10	NA	NA
MW-1	01/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	195.89	13.71	NA	182.18	NA	NA
MW-1	05/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	15.63	NA	180.26	NA	NA
MW-1	07/25/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.89	17.08	NA	178.81	NA	NA
MW-1	11/26/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	19.30	NA	181.26	NA	NA
MW-1	01/29/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	200.56	13.90	NA	186.66	NA	NA
MW-1	06/03/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	15.30	NA	185.26	NA	NA
MW-1	08/27/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	17.32	NA	183.24	NA	NA
MW-1	11/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	18.61	NA	181.95	NA	NA
MW-1	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	200.56	14.46	NA	186.10	NA	NA
MW-1	05/03/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	14.52	NA	186.04	NA	NA
MW-1	08/30/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.73	NA	183.83	NA	NA
MW-1	11/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	16.86	NA	183.70	NA	NA
MW-1	02/02/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	200.56	12.82	NA	187.74	NA	NA
MW-1	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	12.20	NA	188.36	NA	NA
MW-1	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	15.25	NA	185.31	NA	NA
MW-1	11/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200.56	17.44	NA	183.12	NA	NA
MW-2	02/15/1990	ND	560	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.90	NA	177.37	NA	NA
MW-2	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.69	NA	176.58	NA	NA
MW-2	05/14/1990	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.01	NA	176.26	NA	NA
MW-2	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.39	NA	176.88	NA	NA
MW-2	09/12/1990	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.00	NA	175.27	NA	NA
MW-2	11/27/1990	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.44	NA	174.83	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College 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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	03/08/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.96	NA	178.31	NA	NA
MW-2	06/03/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.00	NA	177.27	NA	NA
MW-2	08/30/1991	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.95	NA	175.32	NA	NA
MW-2	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.55	NA	174.72	NA	NA
MW-2	03/18/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.91	NA	181.36	NA	NA
MW-2	05/28/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.25	NA	178.02	NA	NA
MW-2	08/19/1992	<50	NA	<0.5	2	1.2	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.21	NA	176.06	NA	NA
MW-2	11/17/1992	<50	NA	<0.5	2	1.2	1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	19.15	NA	175.12	NA	NA
MW-2	02/12/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.60	NA	182.67	NA	NA
MW-2	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.14	NA	180.13	NA	NA
MW-2	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.10	NA	178.17	NA	NA
MW-2	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	18.77	NA	175.50	NA	NA
MW-2	02/28/1994	<50	NA	<0.5	<0.5	<0.5	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.35	NA	179.92	NA	NA
MW-2	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.34	NA	177.93	NA	NA
MW-2	08/10/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.79	NA	178.48	NA	NA
MW-2	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.04	NA	179.23	NA	NA
MW-2	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	10.08	NA	184.19	NA	NA
MW-2	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.68	NA	182.59	NA	NA
MW-2	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.94	NA	179.33	NA	NA
MW-2	11/10/1995	<50	NA	1.7	0.8	1.4	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.36	NA	180.91	NA	NA
MW-2	02/24/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	9.90	NA	184.37	NA	NA
MW-2	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.80	NA	182.47	NA	NA
MW-2	08/19/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.08	NA	179.19	NA	NA
MW-2	12/05/1996	<50	NA	1.5	1.6	1.2	5.2	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.16	NA	179.11	NA	NA
MW-2	01/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	9.76	NA	184.51	NA	NA
MW-2	02/20/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.47	NA	182.80	NA	NA
MW-2	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.30	NA	179.97	NA	NA
MW-2	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.33	NA	177.94	NA	NA
MW-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.54	NA	178.73	NA	NA
MW-2	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	9.43	NA	184.84	NA	NA
MW-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	11.45	NA	182.82	NA	NA
MW-2	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.71	NA	181.56	NA	NA
MW-2	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.98	NA	180.29	NA	NA
MW-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.01	NA	179.26	NA	NA
MW-2	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.93	NA	180.34	NA	NA
MW-2	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.22	NA	178.05	NA	NA
MW-2	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.58	NA	176.69	NA	NA

**WELL CONCENTRATIONS**  
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**6039 College 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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.10	NA	180.17	NA	NA
MW-2	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	12.72	NA	181.55	NA	NA
MW-2	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.39	NA	179.88	NA	NA
MW-2	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	17.00	NA	177.27	NA	NA
MW-2	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.58	NA	180.69	NA	NA
MW-2	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	15.26	NA	179.01	NA	NA
MW-2	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.67	NA	177.60	NA	NA
MW-2	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	13.91	NA	180.36	NA	NA
MW-2	01/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	194.27	12.96	NA	181.31	NA	NA
MW-2	05/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	14.85	NA	179.42	NA	NA
MW-2	07/25/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	194.27	16.24	NA	178.03	NA	NA
MW-2	11/26/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	18.35	NA	180.60	NA	NA
MW-2	01/29/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	198.95	13.19	NA	185.76	NA	NA
MW-2	06/03/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	14.53	NA	184.42	NA	NA
MW-2	08/27/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	16.46	NA	182.49	NA	NA
MW-2	11/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	17.68	NA	181.27	NA	NA
MW-2	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	198.95	13.68	NA	185.27	NA	NA
MW-2	05/03/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	13.82	NA	185.13	NA	NA
MW-2	08/30/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.94	NA	183.01	NA	NA
MW-2	11/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	15.96	NA	182.99	NA	NA
MW-2	02/02/2005	<50 e	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	198.95	12.24	NA	186.71	NA	NA
MW-2	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	11.80	NA	187.15	NA	NA
MW-2	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	14.39	NA	184.56	NA	NA
MW-2	11/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.95	16.52	NA	182.43	NA	NA
MW-3	02/15/1990	4,700	3,100	320	29	110	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.81	NA	176.71	NA	NA
MW-3	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.57	NA	175.95	NA	NA
MW-3	05/14/1990	1,400	60	130	8.6	40	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.97	NA	175.55	NA	NA
MW-3	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.27	NA	176.25	NA	NA
MW-3	09/12/1990	2,000	1,500	58	5.8	16	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	18.78	NA	173.74	NA	NA
MW-3	11/27/1990	540	240	18	1.5	8.7	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	18.27	NA	174.25	NA	NA
MW-3	03/08/1991	3,400	2,100	630	33	270	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.86	NA	177.66	NA	NA
MW-3	06/03/1991	1,700	690 a	260	13	98	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.84	NA	176.68	NA	NA
MW-3	08/30/1991	870	370 a	44	6.1	10	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.79	NA	174.73	NA	NA
MW-3	11/22/1991	310	140	18	1.2	3.3	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	18.40	NA	174.12	NA	NA
MW-3	03/18/1992	67,100	1,900	620	28	220	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	12.03	NA	180.49	NA	NA
MW-3	05/28/1992	2,300	1,100 a	200	9	71	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.16	NA	177.36	NA	NA

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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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	08/19/1992	5,700	1,000 a	71	77	52	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.03	NA	175.49	NA	NA
MW-3	11/17/1992	3,600	160 a	16	8.6	24	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.94	NA	174.58	NA	NA
MW-3	02/12/1993	4,700	560 a	820	58	130	77	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	9.16	NA	183.36	NA	NA
MW-3	06/10/1993	2,200	NA	310	23	89	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.20	NA	179.32	NA	NA
MW-3	08/18/1993	260	NA	27	2	7	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.93	NA	177.59	NA	NA
MW-3	11/19/1993	1,500a	NA	24	54	37	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.58	NA	174.94	NA	NA
MW-3	02/28/1994	2,700	NA	65	5.2	16	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.30	NA	179.22	NA	NA
MW-3	05/04/1994	780	NA	120	7.5	21	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.25	NA	177.27	NA	NA
MW-3	08/10/1994	920	NA	20	2.3	3	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.63	NA	175.89	NA	NA
MW-3	11/08/1994	1,300	NA	180	16	7	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.88	NA	178.64	NA	NA
MW-3	02/01/1995	1,400	NA	210	8.5	11	8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	9.25	NA	183.27	NA	NA
MW-3	05/10/1995	460	NA	97	10	1	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.76	NA	181.74	NA	NA
MW-3	08/24/1995	640	NA	68	21	14	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.90	NA	178.62	NA	NA
MW-3	11/10/1995	350	NA	15	2.3	1.2	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.20	NA	176.32	NA	NA
MW-3	02/24/1996	3,300	NA	240	53	38	55	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	8.93	NA	183.59	NA	NA
MW-3	05/22/1996	1,300	NA	110	15	<10	<10	3,500	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.86	NA	181.66	NA	NA
MW-3	08/19/1996	350	NA	15	3.3	3.4	3.3	340	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.97	NA	178.55	NA	NA
MW-3	12/05/1996	290	NA	12	7.6	5.4	16	370	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.06	NA	178.46	NA	NA
MW-3	02/20/1997	980	NA	69	7.9	14	15	3,200	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.60	NA	181.92	NA	NA
MW-3	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.26	NA	179.26	NA	NA
MW-3	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.21	NA	177.31	NA	NA
MW-3	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.49	NA	178.03	NA	NA
MW-3	01/20/1998	3,100	NA	360	1,000	73	420	59,000	NA	NA	NA	NA	NA	NA	NA	NA	192.52	8.43	NA	184.09	NA	NA
MW-3	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	10.55	NA	181.97	NA	NA
MW-3	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	11.80	NA	180.72	NA	NA
MW-3	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	11.97	NA	180.55	NA	NA
MW-3	02/03/1999	<10,000	NA	840	131	<100	316	27,600	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.55	NA	178.97	NA	2.3
MW-3	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	12.90	NA	179.62	NA	NA
MW-3	08/31/1999	1,550	NA	232	<10.0	125	293	4,620	2,460 b	NA	NA	NA	NA	NA	NA	NA	192.52	14.99	NA	177.53	NA	3.4
MW-3	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	16.35	NA	176.17	NA	NA
MW-3	02/11/2000	10,900	NA	1,030	<50.0	308	1,000	19,300	NA	NA	NA	NA	NA	NA	NA	NA	192.52	12.85	NA	179.67	NA	1.0
MW-3	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	17.05	NA	175.47	NA	NA
MW-3	08/31/2000	2,560	NA	165	7.19	77.6	183	4,090	NA	NA	NA	NA	NA	NA	NA	NA	192.52	14.26	NA	178.26	NA	c
MW-3	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	192.52	15.75	NA	176.77	NA	NA
MW-3	02/13/2001	5,880	NA	563	<50.0	282	472	8,960	NA	NA	NA	NA	NA	NA	NA	NA	192.52	13.05	NA	179.47	NA	3.6
MW-3	05/29/2001	1,800	NA	130	<5.0	84	100	NA	1,900	NA	NA	NA	NA	NA	NA	NA	192.52	13.84	NA	178.68	NA	NA
MW-3	07/30/2001	2,700	NA	250	8.8	130	120	NA	5,200	NA	NA	NA	NA	NA	NA	NA	192.52	15.46	NA	177.06	NA	NA

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MW-3	12/12/2001	<10,000	NA	720	<100	260	260	NA	6,600	<100	<100	<100	<1,000	NA	NA	<1,000	192.52	12.93	NA	179.59	NA	NA
MW-3	01/31/2002	11,000	NA	750	14	570	510	NA	5,800	NA	NA	NA	NA	NA	NA	NA	192.52	11.88	NA	180.64	NA	NA
MW-3	05/31/2002	5,100	NA	410	8.6	300	190	NA	3,600	NA	NA	NA	NA	NA	NA	NA	192.52	13.65	NA	178.87	NA	NA
MW-3	07/25/2002	2,100	NA	170	<10	73	33	NA	2,600	NA	NA	NA	NA	NA	NA	NA	192.52	15.04	NA	177.48	NA	NA
MW-3	11/26/2002	510	NA	26	<2.0	<2.0	2.1	NA	940	NA	NA	NA	NA	NA	NA	NA	197.18	17.15	NA	180.03	NA	NA
MW-3	01/29/2003	6,000	NA	460	8.5	250	87	NA	3,500	NA	NA	NA	NA	NA	NA	NA	197.18	12.21	NA	184.97	NA	NA
MW-3	06/03/2003	5,300	NA	350	<25	130	51	NA	2,200	<100	<100	<100	920	<25	<25	<2,500	197.18	13.40	NA	183.78	NA	NA
MW-3	08/27/2003	700 a	NA	100	<5.0	20	<10	NA	810	NA	NA	NA	460	NA	NA	NA	197.18	15.14	NA	182.04	NA	NA
MW-3	11/13/2003	590	NA	36	<2.5	<2.5	<5.0	NA	440	NA	NA	NA	400	NA	NA	NA	197.18	16.46	NA	180.72	NA	NA
MW-3	02/05/2004	<2,500	NA	420	<25	74	<50	NA	2,400	NA	NA	NA	950	NA	NA	NA	197.18	12.84	NA	184.34	NA	NA
MW-3	05/03/2004	2,600	NA	210	<10	42	21	NA	1,600	NA	NA	NA	820	NA	NA	NA	197.18	12.57	NA	184.61	NA	NA
MW-3	08/30/2004	2,100	NA	120	6.8	5.7	11	NA	730	<20	<20	<20	460	NA	NA	NA	197.18	14.76	NA	182.42	NA	NA
MW-3	11/22/2004	2,600	NA	160	5.5	5.1	<10	NA	570	NA	NA	NA	540	NA	NA	NA	197.18	14.58	NA	182.60	NA	NA
MW-3	02/02/2005	4,500	NA	380	17	23	27	NA	1,900	NA	NA	NA	730	NA	NA	NA	197.18	11.48	NA	185.70	NA	NA
MW-3	05/09/2005	63 f	NA	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	8.2	NA	NA	NA	197.18	10.86	NA	186.32	NA	NA
MW-3	08/16/2005	3,800	NA	230	11	17	23	NA	840	<40	<40	<40	460	NA	NA	NA	197.18	13.13	NA	184.05	NA	NA
MW-3	11/16/2005	3,400	NA	107	5.16	4.61	7.64	NA	321	NA	NA	NA	166	NA	NA	NA	197.18	15.31	NA	181.87	NA	NA

MW-4	02/15/1990	ND	1,200	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.73	NA	176.65	NA	NA
MW-4	04/19/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.48	NA	175.89	NA	NA
MW-4	05/14/1990	650	350	160	7	1.9	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.88	NA	175.49	NA	NA
MW-4	06/21/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.18	NA	176.19	NA	NA
MW-4	09/12/1990	440	260	91	1.1	0.75	0.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.85	NA	175.52	NA	NA
MW-4	11/27/1990	470	2,400	64	1.2	0.8	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	19.16	NA	174.21	NA	NA
MW-4	03/08/1991	1,100	2,600	330	3.5	88	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.77	NA	177.60	NA	NA
MW-4	06/03/1991	670	1,100	240	2.3	1.6	2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.77	NA	176.60	NA	NA
MW-4	08/30/1991	570	280	64	1.8	0.9	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.71	NA	174.66	NA	NA
MW-4	11/22/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	01/15/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	02/15/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	03/18/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	13.15	NA	180.41	0.24	NA
MW-4	04/29/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	05/28/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.22	NA	177.25	0.12	NA
MW-4	08/19/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.05	NA	175.39	0.09	NA
MW-4	11/17/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.89	NA	174.48	NA	NA
MW-4	02/12/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.78	NA	181.59	<0.01	NA
MW-4	06/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.20	NA	179.17	0.02	NA

**WELL CONCENTRATIONS**  
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**6039 College 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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	08/18/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.95	NA	177.43	0.01	NA
MW-4	11/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	18.48	NA	174.90	0.01	NA
MW-4	02/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.60	NA	178.77	0.01	NA
MW-4	05/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.15	NA	177.22	<0.01	NA
MW-4	08/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.58	NA	175.81	0.02	NA
MW-4	11/10/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.05	NA	178.36	0.05	NA
MW-4	02/01/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.71	NA	182.69	0.04	NA
MW-4	05/10/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.90	NA	181.52	0.06	NA
MW-4	08/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.97	NA	178.42	0.02	NA
MW-4	11/10/1995	4,700	NA	100	22	23	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.27	NA	176.10	<0.01	NA
MW-4	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.44	NA	182.95	0.03	NA
MW-4	05/22/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.88	NA	181.51	0.03	NA
MW-4	08/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.23	NA	178.16	0.02	NA
MW-4	12/05/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.70	NA	178.69	0.02	NA
MW-4	01/08/1997	<10,000	NA	<100	<100	<100	<100	24,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.60	NA	181.79	0.02	NA
MW-4	02/20/1997	<10,000	NA	490	<100	<100	<100	59,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.91	NA	181.46	NA	NA
MW-4	05/30/1997	<2,000	NA	72	<20	<20	<20	6,100	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.68	NA	178.69	NA	NA
MW-4	08/18/1997	<5,000	NA	150	570	<50	130	31,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.07	NA	177.50	NA	NA
MW-4	11/03/1997	32,000	NA	1,100	6,100	640	3,600	78,000	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.87	NA	183.62	0.62	NA
MW-4	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	10.25	NA	181.80	0.06	NA
MW-4	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	11.62	NA	179.51	0.09	NA
MW-4	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	13.93	NA	179.33	0.04	NA
MW-4	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.07	14.03	177.55	0.03	NA
MW-4	12/09/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.84	15.81	177.81	0.03	NA
MW-4	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.58	15.55	179.35	0.02	NA
MW-4	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	14.04	14.02	177.24	0.03	NA
MW-4	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.15	16.12	176.04	0.10	NA
MW-4	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	17.41	17.31	178.55	NA	0.6
MW-4	02/11/2000	47,200	NA	905	<200	479	3,690	27,400	30,300b	NA	NA	NA	NA	NA	NA	NA	193.37	14.82	NA	180.73	NA	2.1
MW-4	05/04/2000	30,800	NA	1,650	<100	574	3,310	28,600	31,200b	NA	NA	NA	NA	NA	NA	NA	193.37	12.64	NA	176.90	NA	c
MW-4	08/31/2000	5,470	NA	366	<10.0	296	834	3,950	NA	NA	NA	NA	NA	NA	NA	NA	193.37	16.47	NA	175.70	NA	3.3
MW-4	11/30/2000	20,700	NA	525	<50.0	447	1,570	2,440	4,280b	NA	NA	NA	NA	NA	NA	NA	193.37	17.67	NA	180.07	NA	2.4
MW-4	02/13/2001	16,200	NA	909	<50.0	514	2,390	21,300	20,300	NA	NA	NA	NA	NA	NA	NA	193.37	13.30	NA	NA	NA	NA
MW-4	05/29/2001	Well Inaccessible	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	NA	NA	NA	NA	NA
MW-4	05/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.37	15.08	15.03	178.33	0.05	NA
MW-4	07/30/2001	6,700	NA	260	5.7	190	280	NA	3,900	NA	NA	NA	NA	NA	NA	NA	193.37	16.29	16.28	177.09	0.01	NA
MW-4	12/12/2001	15,000	NA	1,300	<50	520	990	NA	20,000	NA	NA	NA	NA	NA	NA	NA	193.37	13.81	NA	179.56	NA	NA



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MW-4	01/31/2002	12,000	NA	1,500	<25	570	800	NA	12,000	NA	NA	NA	NA	NA	NA	NA	193.37	12.80	NA	180.57	NA	NA
MW-4	05/31/2002	8,200	NA	1,100	<20	380	340	NA	8,100	NA	NA	NA	NA	NA	NA	NA	193.37	14.59	NA	178.78	NA	NA
MW-4	07/25/2002	3,300	NA	290	<10	98	74	NA	2,600	NA	NA	NA	NA	NA	NA	NA	193.37	15.94	NA	177.43	NA	NA
MW-4	11/26/2002	1,400	NA	89	2.9	14	14	NA	770	NA	NA	NA	NA	NA	NA	NA	198.03	18.10	NA	179.93	NA	NA
MW-4	01/29/2003	7,400	NA	1,400	<20	140	200	NA	8,900	NA	NA	NA	NA	NA	NA	NA	198.03	13.08	NA	184.95	NA	NA
MW-4	06/03/2003	5,600	NA	990	<10	110	53	NA	3,700	<40	<40	<40	760	<10	<10	<1,000	198.03	14.29	NA	183.74	NA	NA
MW-4	08/27/2003	1,500	NA	220	<10	31	<20	NA	1,100	NA	NA	NA	380	NA	NA	NA	198.03	16.14	NA	181.89	NA	NA
MW-4	11/13/2003	3,100	NA	140	<2.5	4.3	5.2	NA	340	NA	NA	NA	140	NA	NA	NA	198.03	17.35	NA	180.68	NA	NA
MW-4	02/05/2004	3,700	NA	560	<10	18	<20	NA	2,100	NA	NA	NA	2,000	NA	NA	NA	198.03	13.52	NA	184.51	NA	NA
MW-4	05/03/2004	9,300	NA	1,400	91	25	31	NA	2,400	NA	NA	NA	1,700	NA	NA	NA	198.03	12.65	NA	185.38	NA	NA
MW-4	08/30/2004	2,700	NA	270	17	8.6	6.7	NA	540	<10	<10	<10	670	NA	NA	NA	198.03	15.64	NA	182.39	NA	NA
MW-4	11/22/2004	2,200	NA	310	7.8	3.0	<5.0	NA	340	NA	NA	NA	790	NA	NA	NA	198.03	15.72	NA	182.31	NA	NA
MW-4	02/02/2005	12,000	NA	1,200	85	31	<20	NA	1,600	NA	NA	NA	1,900	NA	NA	NA	198.03	12.68	NA	185.35	NA	NA
MW-4	05/09/2005	5,800	NA	800	100	35	35	NA	530	NA	NA	NA	970	NA	NA	NA	198.03	11.80	NA	186.23	NA	NA
MW-4	08/16/2005	4,800	NA	640	59	30	18	NA	310	<20	<20	<20	510	NA	NA	NA	198.03	14.22	NA	183.81	NA	NA
MW-4	11/16/2005	4,910	NA	113	11.5	9.88	9.47	NA	67.4	NA	NA	NA	192	NA	NA	NA	198.03	16.17	NA	181.86	NA	NA
MW-5	08/30/1991	ND	80	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	16.74	NA	173.61	NA	NA
MW-5	11/22/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	17.27	NA	173.08	NA	NA
MW-5	03/18/1992	<30	<50	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.28	NA	179.07	NA	NA
MW-5	05/28/1992	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	NA	NA	NA	NA	NA
MW-5	08/19/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.99	NA	174.36	NA	NA
MW-5	11/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	16.84	NA	173.51	NA	NA
MW-5	02/12/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	10.30	NA	180.05	NA	NA
MW-5	06/10/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.36	NA	177.99	NA	NA
MW-5	08/18/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.02	NA	176.33	NA	NA
MW-5	11/19/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	16.50	NA	173.85	NA	NA
MW-5	02/28/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.55	NA	177.80	NA	NA
MW-5	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.27	NA	176.08	NA	NA
MW-5	08/10/1994	70a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.60	NA	174.75	NA	NA
MW-5	11/08/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.85	NA	177.50	NA	NA
MW-5	02/01/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	8.98	NA	181.37	NA	NA
MW-5	05/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	10.16	NA	180.19	NA	NA
MW-5	08/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.98	NA	177.37	NA	NA
MW-5	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.12	NA	175.23	NA	NA
MW-5	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	NA	NA	NA	NA	NA
MW-5	05/22/1996	<2,000	NA	<20	<20	<20	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	10.10	NA	180.25	NA	NA

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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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	08/19/1996	<2,500	NA	<25	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	13.09	NA	177.26	NA	NA
MW-5	12/05/1996	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	13.31	NA	177.04	NA	NA
MW-5	02/20/1997	<1,000	NA	<10	<10	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	9.55	NA	180.80	NA	NA
MW-5	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.40	NA	177.95	NA	NA
MW-5	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.19	NA	176.16	NA	NA
MW-5	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	13.66	NA	176.69	NA	NA
MW-5	01/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	1,600	NA	NA	NA	NA	NA	NA	NA	NA	190.35	8.06	NA	182.29	NA	NA
MW-5	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	9.95	NA	180.40	NA	NA
MW-5	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.10	NA	179.25	NA	NA
MW-5	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.21	NA	178.14	NA	NA
MW-5	02/03/1999	<500	NA	<5.00	<5.00	<5.00	<5.00	2850	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.99	NA	177.36	NA	2.4
MW-5	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.08	NA	178.27	NA	NA
MW-5	08/31/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4,260	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.05	NA	176.30	NA	2.7
MW-5	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	15.41	NA	174.94	NA	NA
MW-5	02/11/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.42	NA	177.93	NA	1.7
MW-5	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	11.13	NA	179.22	NA	NA
MW-5	08/31/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	13,000	15,700b	NA	NA	NA	NA	NA	NA	NA	190.35	13.53	NA	176.82	NA	c
MW-5	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190.35	14.65	NA	175.70	NA	NA
MW-5	02/13/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	2,440	NA	NA	NA	NA	NA	NA	NA	NA	190.35	12.05	NA	178.30	NA	4.1
MW-5	05/29/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	1,300	NA	NA	NA	NA	NA	NA	NA	190.35	13.26	NA	177.09	NA	NA
MW-5	07/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	310	NA	NA	NA	NA	NA	NA	NA	190.35	14.49	NA	175.86	NA	NA
MW-5	12/12/2001	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	350	NA	NA	NA	NA	NA	NA	NA	190.35	12.08	NA	178.27	NA	NA
MW-5	01/31/2002	61	NA	<0.50	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	NA	NA	NA	190.35	11.29	NA	179.06	NA	NA
MW-5	05/31/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	NA	190.35	12.75	NA	177.60	NA	NA
MW-5	07/25/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	190	NA	NA	NA	NA	NA	NA	NA	190.35	14.12	NA	176.23	NA	NA
MW-5	11/26/2002	Unable to sample	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195.01	16.17	NA	178.84	NA	NA
MW-5	12/06/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	24	NA	NA	NA	NA	NA	NA	NA	195.01	16.39	NA	178.62	NA	NA
MW-5	01/29/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	100	NA	NA	NA	NA	NA	NA	NA	195.01	11.20	NA	183.81	NA	NA
MW-5	06/03/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	120	<10	<10	<10	2,200	<2.5	<2.5	<250	195.01	12.53	NA	182.48	NA	NA
MW-5	08/27/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	19	NA	NA	NA	180	NA	NA	NA	195.01	14.32	NA	180.69	NA	NA
MW-5	11/13/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	46	NA	NA	NA	195.01	15.48	NA	179.53	NA	NA
MW-5	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	790	NA	NA	NA	195.01	11.88	NA	183.13	NA	NA
MW-5	05/03/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	32	NA	NA	NA	1,300	NA	NA	NA	195.01	11.92	NA	183.09	NA	NA
MW-5	08/30/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	7.8	<2.0	<2.0	<2.0	95	NA	NA	NA	195.01	13.82	NA	181.19	NA	NA
MW-5	11/22/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.1	NA	NA	NA	60	NA	NA	NA	195.01	13.89	NA	181.12	NA	NA
MW-5	02/02/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.3	NA	NA	NA	400	NA	NA	NA	195.01	10.30	NA	184.71	NA	NA
MW-5	05/09/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	24	NA	NA	NA	195.01	10.20	NA	184.81	NA	NA

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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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	08/16/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.4	<2.0	<2.0	<2.0	37	NA	NA	NA	195.01	12.42	NA	182.59	NA	NA
MW-5	11/16/2005	201	NA	<0.500	<0.500	<0.500	<0.500	NA	1.23	NA	NA	NA	31.1	NA	NA	NA	195.01	14.28	NA	180.73	NA	NA
MW-6	09/21/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.64	NA	174.41	NA	NA
MW-6	11/19/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	02/28/1994	98a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.18	NA	176.87	NA	NA
MW-6	05/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.62	NA	175.43	NA	NA
MW-6	08/10/1994	80a	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.98	NA	174.07	NA	NA
MW-6	11/08/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.20	NA	176.85	NA	NA
MW-6	02/01/1995	120	NA	3.5	21	3.4	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	8.70	NA	180.35	NA	NA
MW-6	05/10/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.86	NA	179.19	NA	NA
MW-6	08/24/1995	80	NA	<0.5	<0.5	1.8	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.46	NA	176.59	NA	NA
MW-6	11/10/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.56	NA	174.49	NA	NA
MW-6	11/10/1995	60	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.56	NA	174.49	NA	NA
MW-6	02/24/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	05/22/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	290	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.23	NA	178.82	NA	NA
MW-6	08/19/1996	<1,250	NA	<12	<12	<12	<12	1,100	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.61	NA	176.44	NA	NA
MW-6	12/05/1996	<125	NA	<1.2	<1.2	<1.2	<1.2	440	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.47	NA	176.58	NA	NA
MW-6	02/20/1997	<100	NA	<1.0	<1.0	<1.0	<1.0	480	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.85	NA	179.20	NA	NA
MW-6	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	11.96	NA	177.09	NA	NA
MW-6	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.65	NA	175.40	NA	NA
MW-6	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	01/20/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	340	NA	NA	NA	NA	NA	NA	NA	NA	189.05	7.76	NA	181.29	NA	NA
MW-6	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	9.85	NA	179.20	NA	NA
MW-6	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.99	NA	178.06	NA	NA
MW-6	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	11.36	NA	177.69	NA	NA
MW-6	02/03/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	06/04/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	06/22/1999	<5,000	NA	<50.0	<50.0	<50.0	<50.0	2,800	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.15	NA	176.90	NA	2.1
MW-6	08/31/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	3,390	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.62	NA	175.43	NA	2.5
MW-6	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.98	NA	174.07	NA	NA
MW-6	02/11/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.00	NA	177.05	NA	1.1
MW-6	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	10.94	NA	178.11	NA	NA
MW-6	08/31/2000	<250	NA	<2.50	<2.50	<2.50	<2.50	4,460	NA	NA	NA	NA	NA	NA	NA	NA	189.05	13.19	NA	175.86	NA	c
MW-6	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	14.28	NA	174.77	NA	NA
MW-6	02/13/2001	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	189.05	NA	NA	NA	NA	NA
MW-6	02/16/2001	<500	NA	<5.00	<5.00	<5.00	<5.00	3,910	NA	NA	NA	NA	NA	NA	NA	NA	189.05	12.10	NA	176.95	NA	3.8

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MW-6	05/29/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,000	NA	NA	NA	NA	NA	NA	NA	189.05	12.94	NA	176.11	NA	NA
MW-6	07/30/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,700	NA	NA	NA	NA	NA	NA	NA	189.05	14.10	NA	174.95	NA	NA
MW-6	12/12/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,100	<5.0	<5.0	<5.0	97	NA	NA	<500	189.05	12.11	NA	176.94	NA	NA
MW-6	01/31/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	2,000	NA	NA	NA	NA	NA	NA	NA	189.05	11.16	NA	177.89	NA	NA
MW-6	05/31/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	1,800	NA	NA	NA	NA	NA	NA	NA	189.05	12.52	NA	176.53	NA	NA
MW-6	07/25/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	1,800	NA	NA	NA	NA	NA	NA	NA	189.05	13.88	NA	175.37	NA	NA
MW-6	11/26/2002	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.75	NA	NA	NA	NA	NA
MW-6	12/06/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	NA	NA	NA	193.75	16.01	NA	177.74	NA	NA
MW-6	01/29/2003	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193.75	NA	NA	NA	NA	NA
MW-6	02/05/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	NA	NA	NA	NA	NA	NA	193.75	11.71	NA	182.04	NA	NA
MW-6	06/03/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	69	<2.0	<2.0	<2.0	970	<0.50	<0.50	<50	193.75	12.33	NA	181.42	NA	NA
MW-6	08/27/2003	130	NA	<1.3	<1.3	<1.3	<2.5	NA	28	NA	NA	NA	880	NA	NA	NA	193.75	13.83	NA	179.92	NA	NA
MW-6	11/13/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.8	NA	NA	NA	710	NA	NA	NA	193.75	15.05	NA	178.70	NA	NA
MW-6	02/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	290	NA	NA	NA	193.75	11.44	NA	182.31	NA	NA
MW-6	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	10	NA	NA	NA	200	NA	NA	NA	193.75	11.74	NA	182.01	NA	NA
MW-6	08/30/2004	78 e	NA	<0.50	<0.50	<0.50	<1.0	NA	4.9	<2.0	<2.0	<2.0	120	NA	NA	NA	193.75	13.52	NA	180.23	NA	NA
MW-6	11/22/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.6	NA	NA	NA	110	NA	NA	NA	193.75	13.65	NA	180.10	NA	NA
MW-6	02/02/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	95	NA	NA	NA	193.75	10.78	NA	182.97	NA	NA
MW-6	05/09/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.1	NA	NA	NA	<5.0	NA	NA	NA	193.75	10.10	NA	183.65	NA	NA
MW-6	08/16/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	3.6	<2.0	<2.0	<2.0	27	NA	NA	NA	193.75	12.05	NA	181.70	NA	NA
MW-6	11/16/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.52	NA	NA	NA	12.5	NA	NA	NA	193.75	13.85	NA	179.90	NA	NA
T-1	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA

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T-1	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	01/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-1	05/22/2002 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.07	NA	NA	NA	NA	NA
T-2	05/30/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/03/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	01/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	06/05/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	07/23/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/19/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	06/04/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/31/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	12/10/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	02/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	05/04/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	08/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	11/30/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.50	NA	NA	NA	NA
T-2	02/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	07/30/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	12/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	01/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA	NA
T-2	05/22/2002 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198.47	NA	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6039 College 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)	1,2 DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 29, 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 May 29, 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

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

EDB = Ethylene dibromide, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

ND = Not detected at or above the minimum quantitation limits.

Notes:

a = Chromatogram patterns indicate an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.

b = Sample was analyzed outside the EPA recommended holding time.

c = DO Readings not taken this event.

d = Survey date only.

e = Sample contains discrete peak in gasoline range.

f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

Ethanol analyzed by EPA Method 8260B.

Site surveyed May 22, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation: Corrected ground water elevation = Top-of-casing elevation - depth to water + (0.8 x hydrocarbon thickness).

December 06, 2005

Client: Cambria Environmental Tech. Inc. / Shell (13675)  
5900 Hollis Street, Suite A  
Emeryville, CA 94608  
Attn: Anni Kremel

Work Order: NOK2448  
Project Name: 6039 College Avenue, Oakland, CA  
Project Nbr: SAP  
Date Received: 11/18/05

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-3	NOK2448-01	11/16/05 12:30
MW-4	NOK2448-02	11/16/05 12:55
MW-5	NOK2448-03	11/16/05 12:55
MW-6	NOK2448-04	11/16/05 13:40

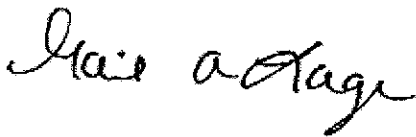
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed,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

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California Certification Number: 01168CA

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Report Approved By:



Gail Lage

Senior Project Manager

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

Work Order: NOK2448  
Project Name: 6039 College Avenue, Oakland, CA  
Project Number: SAP  
Received: 11/18/05 12:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
<b>Sample ID: NOK2448-01 (MW-3 - Water) Sampled: 11/16/05 12:30</b>									
Volatile Organic Compounds by EPA Method 8260B									
Benzene	107		ug/L	0.500	1	11/30/05 06:36	SW846 8260B	JJR	5114545
Ethylbenzene	4.61		ug/L	0.500	1	11/30/05 06:36	SW846 8260B	JJR	5114545
Methyl tert-Butyl Ether	321		ug/L	2.50	5	11/30/05 23:08	SW846 8260B	JJR	5120130
Toluene	5.16		ug/L	0.500	1	11/30/05 06:36	SW846 8260B	JJR	5114545
Tertiary Butyl Alcohol	166		ug/L	10.0	1	11/30/05 06:36	SW846 8260B	JJR	5114545
Xylenes, total	7.64		ug/L	0.500	1	11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	83 %					11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (79-122%)	98 %					11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (78-121%)	102 %					11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (78-126%)	109 %					11/30/05 06:36	SW846 8260B	JJR	5114545
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	3400		ug/L	50.0	1	11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	83 %					11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (0-200%)	98 %					11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (0-200%)	102 %					11/30/05 06:36	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (0-200%)	109 %					11/30/05 06:36	SW846 8260B	JJR	5114545
<b>Sample ID: NOK2448-02 (MW-4 - Water) Sampled: 11/16/05 12:55</b>									
Volatile Organic Compounds by EPA Method 8260B									
Benzene	113		ug/L	0.500	1	11/30/05 06:58	SW846 8260B	JJR	5114545
Ethylbenzene	9.88		ug/L	0.500	1	11/30/05 06:58	SW846 8260B	JJR	5114545
Methyl tert-Butyl Ether	67.4		ug/L	0.500	1	11/30/05 06:58	SW846 8260B	JJR	5114545
Toluene	11.5		ug/L	0.500	1	11/30/05 06:58	SW846 8260B	JJR	5114545
Tertiary Butyl Alcohol	192		ug/L	10.0	1	11/30/05 06:58	SW846 8260B	JJR	5114545
Xylenes, total	9.47		ug/L	0.500	1	11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	81 %					11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (79-122%)	104 %					11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (78-121%)	103 %					11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (78-126%)	108 %					11/30/05 06:58	SW846 8260B	JJR	5114545
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	4910		ug/L	50.0	1	11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	81 %					11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (0-200%)	104 %					11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (0-200%)	103 %					11/30/05 06:58	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (0-200%)	108 %					11/30/05 06:58	SW846 8260B	JJR	5114545



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

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
<b>Sample ID: NOK2448-03 (MW-5 - Water) Sampled: 11/16/05 12:55</b>									
Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	0.500	1	11/30/05 07:20	SW846 8260B	JJR	5114545
Ethylbenzene	ND		ug/L	0.500	1	11/30/05 07:20	SW846 8260B	JJR	5114545
Methyl tert-Butyl Ether	1.23		ug/L	0.500	1	11/30/05 07:20	SW846 8260B	JJR	5114545
Toluene	ND		ug/L	0.500	1	11/30/05 07:20	SW846 8260B	JJR	5114545
Tertiary Butyl Alcohol	31.1		ug/L	10.0	1	11/30/05 07:20	SW846 8260B	JJR	5114545
Xylenes, total	ND		ug/L	0.500	1	11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	86 %					11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (79-122%)	101 %					11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (78-121%)	109 %					11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (78-126%)	110 %					11/30/05 07:20	SW846 8260B	JJR	5114545
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	201		ug/L	50.0	1	11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	86 %					11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (0-200%)	101 %					11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (0-200%)	109 %					11/30/05 07:20	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (0-200%)	110 %					11/30/05 07:20	SW846 8260B	JJR	5114545

### Sample ID: NOK2448-04 (MW-6 - Water) Sampled: 11/16/05 13:40

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND		ug/L	0.500	1	11/30/05 07:42	SW846 8260B	JJR	5114545
Ethylbenzene	ND		ug/L	0.500	1	11/30/05 07:42	SW846 8260B	JJR	5114545
Methyl tert-Butyl Ether	1.52		ug/L	0.500	1	11/30/05 07:42	SW846 8260B	JJR	5114545
Toluene	ND		ug/L	0.500	1	11/30/05 07:42	SW846 8260B	JJR	5114545
Tertiary Butyl Alcohol	12.5		ug/L	10.0	1	11/30/05 07:42	SW846 8260B	JJR	5114545
Xylenes, total	ND		ug/L	0.500	1	11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	82 %					11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (79-122%)	101 %					11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (78-121%)	102 %					11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (78-126%)	106 %					11/30/05 07:42	SW846 8260B	JJR	5114545
Purgeable Petroleum Hydrocarbons									
Gasoline Range Organics	ND		ug/L	50.0	1	11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: 1,2-Dichloroethane-d4 (0-200%)	82 %					11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: Dibromofluoromethane (0-200%)	101 %					11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: Toluene-d8 (0-200%)	102 %					11/30/05 07:42	SW846 8260B	JJR	5114545
Surrogate: 4-Bromofluorobenzene (0-200%)	106 %					11/30/05 07:42	SW846 8260B	JJR	5114545

Client Cambria Environmental Tech. Inc. / Shell (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Krenzl

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

## PROJECT QUALITY CONTROL DATA

### Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>5114545-BLK1</b>						
Benzene	<0.200		ug/L	5114545	5114545-BLK1	11/29/05 18:29
Ethylbenzene	<0.200		ug/L	5114545	5114545-BLK1	11/29/05 18:29
Methyl tert-Butyl Ether	<0.200		ug/L	5114545	5114545-BLK1	11/29/05 18:29
Toluene	<0.200		ug/L	5114545	5114545-BLK1	11/29/05 18:29
Tertiary Butyl Alcohol	<5.06		ug/L	5114545	5114545-BLK1	11/29/05 18:29
Xylenes, total	<0.350		ug/L	5114545	5114545-BLK1	11/29/05 18:29
Surrogate: 1,2-Dichloroethane-d4	87%			5114545	5114545-BLK1	11/29/05 18:29
Surrogate: Dibromofluoromethane	102%			5114545	5114545-BLK1	11/29/05 18:29
Surrogate: Toluene-d8	113%			5114545	5114545-BLK1	11/29/05 18:29
Surrogate: 4-Bromofluorobenzene	109%			5114545	5114545-BLK1	11/29/05 18:29
<b>5114545-BLK2</b>						
Benzene	<0.200		ug/L	5114545	5114545-BLK2	11/30/05 06:14
Ethylbenzene	<0.200		ug/L	5114545	5114545-BLK2	11/30/05 06:14
Methyl tert-Butyl Ether	<0.200		ug/L	5114545	5114545-BLK2	11/30/05 06:14
Toluene	<0.200		ug/L	5114545	5114545-BLK2	11/30/05 06:14
Tertiary Butyl Alcohol	<5.06		ug/L	5114545	5114545-BLK2	11/30/05 06:14
Xylenes, total	<0.350		ug/L	5114545	5114545-BLK2	11/30/05 06:14
Surrogate: 1,2-Dichloroethane-d4	84%			5114545	5114545-BLK2	11/30/05 06:14
Surrogate: Dibromofluoromethane	98%			5114545	5114545-BLK2	11/30/05 06:14
Surrogate: Toluene-d8	109%			5114545	5114545-BLK2	11/30/05 06:14
Surrogate: 4-Bromofluorobenzene	108%			5114545	5114545-BLK2	11/30/05 06:14
<b>5120130-BLK1</b>						
Methyl tert-Butyl Ether	<0.200		ug/L	5120130	5120130-BLK1	11/30/05 17:15
Tertiary Butyl Alcohol	<5.06		ug/L	5120130	5120130-BLK1	11/30/05 17:15
Surrogate: 1,2-Dichloroethane-d4	87%			5120130	5120130-BLK1	11/30/05 17:15
Surrogate: Dibromofluoromethane	101%			5120130	5120130-BLK1	11/30/05 17:15
Surrogate: Toluene-d8	102%			5120130	5120130-BLK1	11/30/05 17:15
Surrogate: 4-Bromofluorobenzene	110%			5120130	5120130-BLK1	11/30/05 17:15
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>5114545-BLK1</b>						
Gasoline Range Organics	<50.0		ug/L	5114545	5114545-BLK1	11/29/05 18:29
Surrogate: 1,2-Dichloroethane-d4	87%			5114545	5114545-BLK1	11/29/05 18:29
Surrogate: Dibromofluoromethane	102%			5114545	5114545-BLK1	11/29/05 18:29
Surrogate: Toluene-d8	113%			5114545	5114545-BLK1	11/29/05 18:29
Surrogate: 4-Bromofluorobenzene	109%			5114545	5114545-BLK1	11/29/05 18:29
<b>5114545-BLK2</b>						
Gasoline Range Organics	<50.0		ug/L	5114545	5114545-BLK2	11/30/05 06:14
Surrogate: 1,2-Dichloroethane-d4	84%			5114545	5114545-BLK2	11/30/05 06:14

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

Work Order: NOK2448  
Project Name: 6039 College Avenue, Oakland, CA  
Project Number: SAP  
Received: 11/18/05 12:30

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Purgeable Petroleum Hydrocarbons</b>						
<b>5114545-BLK2</b>						
<i>Surrogate: Dibromofluoromethane</i>	98%			5114545	5114545-BLK2	11/30/05 06:14
<i>Surrogate: Toluene-d8</i>	109%			5114545	5114545-BLK2	11/30/05 06:14
<i>Surrogate: 4-Bromofluorobenzene</i>	108%			5114545	5114545-BLK2	11/30/05 06:14

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

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

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

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Oxygenates by EPA 8260B</b>								
<b>5114545-BS1</b>								
Tert-Amyl Methyl Ether	50.0	47.5		ug/L	95%	56 - 145	5114545	11/29/05 15:55
Benzene	50.0	47.3		ug/L	95%	79 - 123	5114545	11/29/05 15:55
Ethyl tert-Butyl Ether	50.0	44.3		ug/L	89%	64 - 141	5114545	11/29/05 15:55
Ethylbenzene	50.0	47.6		ug/L	95%	79 - 125	5114545	11/29/05 15:55
Isopropyl Ether	50.0	41.2		ug/L	82%	73 - 135	5114545	11/29/05 15:55
Methyl tert-Butyl Ether	50.0	42.7		ug/L	85%	66 - 142	5114545	11/29/05 15:55
Toluene	50.0	51.2		ug/L	102%	78 - 122	5114545	11/29/05 15:55
Tertiary Butyl Alcohol	500	429	M3	ug/L	86%	42 - 154	5114545	11/29/05 15:55
Xylenes, total	150	143		ug/L	95%	79 - 130	5114545	11/29/05 15:55
Surrogate: 1,2-Dichloroethane-d4	50.0	43.4			87%	70 - 130	5114545	11/29/05 15:55
Surrogate: 1,2-Dichloroethane-d4	50.0	43.4			87%	70 - 130	5114545	11/29/05 15:55
Surrogate: Dibromofluoromethane	50.0	49.2			98%	79 - 122	5114545	11/29/05 15:55
Surrogate: Dibromofluoromethane	50.0	49.2			98%	79 - 122	5114545	11/29/05 15:55
Surrogate: Toluene-d8	50.0	49.9			100%	78 - 121	5114545	11/29/05 15:55
Surrogate: Toluene-d8	50.0	49.9			100%	78 - 121	5114545	11/29/05 15:55
Surrogate: 4-Bromofluorobenzene	50.0	56.1			112%	78 - 126	5114545	11/29/05 15:55
Surrogate: 4-Bromofluorobenzene	50.0	56.1			112%	78 - 126	5114545	11/29/05 15:55
<b>5114545-BS2</b>								
Tert-Amyl Methyl Ether	50.0	44.6		ug/L	89%	56 - 145	5114545	11/30/05 04:23
Benzene	50.0	44.6		ug/L	89%	79 - 123	5114545	11/30/05 04:23
Ethyl tert-Butyl Ether	50.0	41.3		ug/L	83%	64 - 141	5114545	11/30/05 04:23
Ethylbenzene	50.0	44.2		ug/L	88%	79 - 125	5114545	11/30/05 04:23
Isopropyl Ether	50.0	39.0		ug/L	78%	73 - 135	5114545	11/30/05 04:23
Methyl tert-Butyl Ether	50.0	39.2		ug/L	78%	66 - 142	5114545	11/30/05 04:23
Toluene	50.0	44.6		ug/L	89%	78 - 122	5114545	11/30/05 04:23
Tertiary Butyl Alcohol	500	402		ug/L	80%	42 - 154	5114545	11/30/05 04:23
Xylenes, total	150	135		ug/L	90%	79 - 130	5114545	11/30/05 04:23
Surrogate: 1,2-Dichloroethane-d4	50.0	42.8			86%	70 - 130	5114545	11/30/05 04:23
Surrogate: 1,2-Dichloroethane-d4	50.0	42.8			86%	70 - 130	5114545	11/30/05 04:23
Surrogate: Dibromofluoromethane	50.0	49.1			98%	79 - 122	5114545	11/30/05 04:23
Surrogate: Dibromofluoromethane	50.0	49.1			98%	79 - 122	5114545	11/30/05 04:23
Surrogate: Toluene-d8	50.0	50.2			100%	78 - 121	5114545	11/30/05 04:23
Surrogate: Toluene-d8	50.0	50.2			100%	78 - 121	5114545	11/30/05 04:23
Surrogate: 4-Bromofluorobenzene	50.0	55.2			110%	78 - 126	5114545	11/30/05 04:23
Surrogate: 4-Bromofluorobenzene	50.0	55.2			110%	78 - 126	5114545	11/30/05 04:23
<b>5120130-BS1</b>								
Tert-Amyl Methyl Ether	50.0	50.2		ug/L	100%	56 - 145	5120130	11/30/05 15:25
Ethyl tert-Butyl Ether	50.0	47.5		ug/L	95%	64 - 141	5120130	11/30/05 15:25
Isopropyl Ether	50.0	41.5		ug/L	83%	73 - 135	5120130	11/30/05 15:25
Methyl tert-Butyl Ether	50.0	44.6		ug/L	89%	66 - 142	5120130	11/30/05 15:25

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

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

## PROJECT QUALITY CONTROL DATA

### LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Oxygenates by EPA 8260B</b>								
<b>5120130-BS1</b>								
Tertiary Butyl Alcohol	500	496		ug/L	99%	42 - 154	5120130	11/30/05 15:25
Surrogate: 1,2-Dichloroethane-d4	50.0	44.0			88%	70 - 130	5120130	11/30/05 15:25
Surrogate: Dibromofluoromethane	50.0	47.5			95%	79 - 122	5120130	11/30/05 15:25
Surrogate: Toluene-d8	50.0	51.6			103%	78 - 121	5120130	11/30/05 15:25
Surrogate: 4-Bromofluorobenzene	50.0	56.4			113%	78 - 126	5120130	11/30/05 15:25
<b>Purgeable Petroleum Hydrocarbons</b>								
<b>5114545-BS1</b>								
Gasoline Range Organics	3050	3590		ug/L	118%	67 - 130	5114545	11/29/05 15:55
Surrogate: 1,2-Dichloroethane-d4	50.0	43.4			87%	70 - 130	5114545	11/29/05 15:55
Surrogate: Dibromofluoromethane	50.0	49.2			98%	70 - 130	5114545	11/29/05 15:55
Surrogate: Toluene-d8	50.0	49.9			100%	70 - 130	5114545	11/29/05 15:55
Surrogate: 4-Bromofluorobenzene	50.0	56.1			112%	70 - 130	5114545	11/29/05 15:55
<b>5114545-BS2</b>								
Gasoline Range Organics	3050	3120		ug/L	102%	67 - 130	5114545	11/30/05 04:23
Surrogate: 1,2-Dichloroethane-d4	50.0	42.8			86%	70 - 130	5114545	11/30/05 04:23
Surrogate: Dibromofluoromethane	50.0	49.1			98%	70 - 130	5114545	11/30/05 04:23
Surrogate: Toluene-d8	50.0	50.2			100%	70 - 130	5114545	11/30/05 04:23
Surrogate: 4-Bromofluorobenzene	50.0	55.2			110%	70 - 130	5114545	11/30/05 04:23

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

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

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

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Oxygenates by EPA 8260B</b>										
<b>5114545-MS1</b>										
Tert-Amyl Methyl Ether	ND	50.3		ug/L	50.0	101%	45 - 155	5114545	NOK2454-07	11/30/05 02:55
Benzene	ND	49.3		ug/L	50.0	99%	71 - 137	5114545	NOK2454-07	11/30/05 02:55
Ethyl tert-Butyl Ether	ND	47.6		ug/L	50.0	95%	57 - 148	5114545	NOK2454-07	11/30/05 02:55
Ethylbenzene	ND	49.6		ug/L	50.0	99%	72 - 139	5114545	NOK2454-07	11/30/05 02:55
Isopropyl Ether	ND	44.0		ug/L	50.0	88%	67 - 143	5114545	NOK2454-07	11/30/05 02:55
Methyl tert-Butyl Ether	2.41	46.2		ug/L	50.0	88%	55 - 152	5114545	NOK2454-07	11/30/05 02:55
Toluene	ND	54.3		ug/L	50.0	109%	73 - 133	5114545	NOK2454-07	11/30/05 02:55
Xylenes, total	1.42	149		ug/L	150	98%	70 - 143	5114545	NOK2454-07	11/30/05 02:55
Surrogate: 1,2-Dichloroethane-d4		42.1		ug/L	50.0	84%	70 - 130	5114545	NOK2454-07	11/30/05 02:55
Surrogate: 1,2-Dichloroethane-d4		42.1		ug/L	50.0	84%	70 - 130	5114545	NOK2454-07	11/30/05 02:55
Surrogate: Dibromofluoromethane		48.0		ug/L	50.0	96%	79 - 122	5114545	NOK2454-07	11/30/05 02:55
Surrogate: Dibromofluoromethane		48.0		ug/L	50.0	96%	79 - 122	5114545	NOK2454-07	11/30/05 02:55
Surrogate: Toluene-d8		50.5		ug/L	50.0	101%	78 - 121	5114545	NOK2454-07	11/30/05 02:55
Surrogate: Toluene-d8		50.5		ug/L	50.0	101%	78 - 121	5114545	NOK2454-07	11/30/05 02:55
Surrogate: 4-Bromofluorobenzene		56.3		ug/L	50.0	113%	78 - 126	5114545	NOK2454-07	11/30/05 02:55
Surrogate: 4-Bromofluorobenzene		56.3		ug/L	50.0	113%	78 - 126	5114545	NOK2454-07	11/30/05 02:55
<b>5114545-MS2</b>										
Tert-Amyl Methyl Ether	ND	46.6		ug/L	50.0	93%	45 - 155	5114545	NOK2470-04	11/30/05 13:57
Benzene	ND	47.4		ug/L	50.0	95%	71 - 137	5114545	NOK2470-04	11/30/05 13:57
Ethyl tert-Butyl Ether	ND	45.4		ug/L	50.0	91%	57 - 148	5114545	NOK2470-04	11/30/05 13:57
Ethylbenzene	ND	48.4		ug/L	50.0	97%	72 - 139	5114545	NOK2470-04	11/30/05 13:57
Isopropyl Ether	0.860	42.8		ug/L	50.0	84%	67 - 143	5114545	NOK2470-04	11/30/05 13:57
Methyl tert-Butyl Ether	8.49	49.5		ug/L	50.0	82%	55 - 152	5114545	NOK2470-04	11/30/05 13:57
Toluene	ND	48.1		ug/L	50.0	96%	73 - 133	5114545	NOK2470-04	11/30/05 13:57
Tertiary Butyl Alcohol	321	837		ug/L	500	103%	19 - 183	5114545	NOK2470-04	11/30/05 13:57
Xylenes, total	0.540	144		ug/L	150	96%	70 - 143	5114545	NOK2470-04	11/30/05 13:57
Surrogate: 1,2-Dichloroethane-d4		44.4		ug/L	50.0	89%	70 - 130	5114545	NOK2470-04	11/30/05 13:57
Surrogate: 1,2-Dichloroethane-d4		44.4		ug/L	50.0	89%	70 - 130	5114545	NOK2470-04	11/30/05 13:57
Surrogate: Dibromofluoromethane		51.0		ug/L	50.0	102%	79 - 122	5114545	NOK2470-04	11/30/05 13:57
Surrogate: Dibromofluoromethane		51.0		ug/L	50.0	102%	79 - 122	5114545	NOK2470-04	11/30/05 13:57
Surrogate: Toluene-d8		51.8		ug/L	50.0	104%	78 - 121	5114545	NOK2470-04	11/30/05 13:57
Surrogate: Toluene-d8		51.8		ug/L	50.0	104%	78 - 121	5114545	NOK2470-04	11/30/05 13:57
Surrogate: 4-Bromofluorobenzene		54.7		ug/L	50.0	109%	78 - 126	5114545	NOK2470-04	11/30/05 13:57
Surrogate: 4-Bromofluorobenzene		54.7		ug/L	50.0	109%	78 - 126	5114545	NOK2470-04	11/30/05 13:57
<b>5120130-MS1</b>										
Tert-Amyl Methyl Ether	ND	48.6		ug/L	50.0	97%	45 - 155	5120130	NOK2833-08	12/01/05 01:20

Client Cambria Environmental Tech. Inc. / Shell (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Kremi

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

## PROJECT QUALITY CONTROL DATA

### Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Oxygenates by EPA 8260B</b>										
<b>5120130-MS1</b>										
Ethyl tert-Butyl Ether	ND	45.9		ug/L	50.0	92%	57 - 148	5120130	NOK2833-08	12/01/05 01:20
Isopropyl Ether	ND	44.1		ug/L	50.0	88%	67 - 143	5120130	NOK2833-08	12/01/05 01:20
Methyl tert-Butyl Ether	ND	43.5		ug/L	50.0	87%	55 - 152	5120130	NOK2833-08	12/01/05 01:20
Tertiary Butyl Alcohol	9.04	588		ug/L	500	116%	19 - 183	5120130	NOK2833-08	12/01/05 01:20
Surrogate: 1,2-Dichloroethane-d4		43.2		ug/L	50.0	86%	70 - 130	5120130	NOK2833-08	12/01/05 01:20
Surrogate: Dibromofluoromethane		50.1		ug/L	50.0	100%	79 - 122	5120130	NOK2833-08	12/01/05 01:20
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	78 - 121	5120130	NOK2833-08	12/01/05 01:20
Surrogate: 4-Bromofluorobenzene		55.3		ug/L	50.0	111%	78 - 126	5120130	NOK2833-08	12/01/05 01:20
<b>Purgeable Petroleum Hydrocarbons</b>										
<b>5114545-MS1</b>										
Gasoline Range Organics	436	3280		ug/L	3050	93%	60 - 140	5114545	NOK2454-07	11/30/05 02:55
Surrogate: 1,2-Dichloroethane-d4		42.1		ug/L	50.0	84%	0 - 200	5114545	NOK2454-07	11/30/05 02:55
Surrogate: Dibromofluoromethane		48.0		ug/L	50.0	96%	0 - 200	5114545	NOK2454-07	11/30/05 02:55
Surrogate: Toluene-d8		50.5		ug/L	50.0	101%	0 - 200	5114545	NOK2454-07	11/30/05 02:55
Surrogate: 4-Bromofluorobenzene		56.3		ug/L	50.0	113%	0 - 200	5114545	NOK2454-07	11/30/05 02:55
<b>5114545-MS2</b>										
Gasoline Range Organics	468	2810		ug/L	3050	77%	60 - 140	5114545	NOK2470-04	11/30/05 13:57
Surrogate: 1,2-Dichloroethane-d4		44.4		ug/L	50.0	89%	0 - 200	5114545	NOK2470-04	11/30/05 13:57
Surrogate: Dibromofluoromethane		51.0		ug/L	50.0	102%	0 - 200	5114545	NOK2470-04	11/30/05 13:57
Surrogate: Toluene-d8		51.8		ug/L	50.0	104%	0 - 200	5114545	NOK2470-04	11/30/05 13:57
Surrogate: 4-Bromofluorobenzene		54.7		ug/L	50.0	109%	0 - 200	5114545	NOK2470-04	11/30/05 13:57

Client Cambria Environmental Tech. Inc. / Shell (13675)  
 5900 Hollis Street, Suite A  
 Emeryville, CA 94608  
 Attn Anni Krcml

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

**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
<b>Oxygenates by EPA 8260B</b>												
<b>5114545-MSD1</b>												
Tert-Amyl Methyl Ether	ND	51.5		ug/L	50.0	103%	45 - 155	2	24	5114545	NOK2454-07	11/30/05 03:17
Benzene	ND	50.6		ug/L	50.0	101%	71 - 137	3	23	5114545	NOK2454-07	11/30/05 03:17
Ethyl tert-Butyl Ether	ND	48.6		ug/L	50.0	97%	57 - 148	2	22	5114545	NOK2454-07	11/30/05 03:17
Ethylbenzene	ND	51.2		ug/L	50.0	102%	72 - 139	3	23	5114545	NOK2454-07	11/30/05 03:17
Isopropyl Ether	ND	46.2		ug/L	50.0	92%	67 - 143	5	22	5114545	NOK2454-07	11/30/05 03:17
Methyl tert-Butyl Ether	2.41	48.2		ug/L	50.0	92%	55 - 152	4	27	5114545	NOK2454-07	11/30/05 03:17
Toluene	ND	51.5		ug/L	50.0	103%	73 - 133	5	25	5114545	NOK2454-07	11/30/05 03:17
Xylenes, total	1.42	152		ug/L	150	100%	70 - 143	2	27	5114545	NOK2454-07	11/30/05 03:17
Surrogate: 1,2-Dichloroethane-d4		40.6		ug/L	50.0	81%	70 - 130			5114545	NOK2454-07	11/30/05 03:17
Surrogate: 1,2-Dichloroethane-d4		40.6		ug/L	50.0	81%	70 - 130			5114545	NOK2454-07	11/30/05 03:17
Surrogate: Dibromofluoromethane		50.5		ug/L	50.0	101%	79 - 122			5114545	NOK2454-07	11/30/05 03:17
Surrogate: Dibromofluoromethane		50.5		ug/L	50.0	101%	79 - 122			5114545	NOK2454-07	11/30/05 03:17
Surrogate: Toluene-d8		50.6		ug/L	50.0	101%	78 - 121			5114545	NOK2454-07	11/30/05 03:17
Surrogate: Toluene-d8		50.6		ug/L	50.0	101%	78 - 121			5114545	NOK2454-07	11/30/05 03:17
Surrogate: 4-Bromofluorobenzene		53.2		ug/L	50.0	106%	78 - 126			5114545	NOK2454-07	11/30/05 03:17
Surrogate: 4-Bromofluorobenzene		53.2		ug/L	50.0	106%	78 - 126			5114545	NOK2454-07	11/30/05 03:17
<b>5114545-MSD2</b>												
Tert-Amyl Methyl Ether	ND	46.3		ug/L	50.0	93%	45 - 155	0.6	24	5114545	NOK2470-04	11/30/05 14:19
Benzene	ND	47.5		ug/L	50.0	95%	71 - 137	0.2	23	5114545	NOK2470-04	11/30/05 14:19
Ethyl tert-Butyl Ether	ND	45.2		ug/L	50.0	90%	57 - 148	0.4	22	5114545	NOK2470-04	11/30/05 14:19
Ethylbenzene	ND	48.2		ug/L	50.0	96%	72 - 139	0.4	23	5114545	NOK2470-04	11/30/05 14:19
Isopropyl Ether	0.860	45.4		ug/L	50.0	89%	67 - 143	6	22	5114545	NOK2470-04	11/30/05 14:19
Methyl tert-Butyl Ether	8.49	49.5		ug/L	50.0	82%	55 - 152	0	27	5114545	NOK2470-04	11/30/05 14:19
Toluene	ND	52.8		ug/L	50.0	106%	73 - 133	9	25	5114545	NOK2470-04	11/30/05 14:19
Tertiary Butyl Alcohol	321	875		ug/L	500	111%	19 - 183	4	39	5114545	NOK2470-04	11/30/05 14:19
Xylenes, total	0.540	146		ug/L	150	97%	70 - 143	1	27	5114545	NOK2470-04	11/30/05 14:19
Surrogate: 1,2-Dichloroethane-d4		44.8		ug/L	50.0	90%	70 - 130			5114545	NOK2470-04	11/30/05 14:19
Surrogate: 1,2-Dichloroethane-d4		44.8		ug/L	50.0	90%	70 - 130			5114545	NOK2470-04	11/30/05 14:19
Surrogate: Dibromofluoromethane		51.5		ug/L	50.0	103%	79 - 122			5114545	NOK2470-04	11/30/05 14:19
Surrogate: Dibromofluoromethane		51.5		ug/L	50.0	103%	79 - 122			5114545	NOK2470-04	11/30/05 14:19
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	78 - 121			5114545	NOK2470-04	11/30/05 14:19
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	78 - 121			5114545	NOK2470-04	11/30/05 14:19
Surrogate: 4-Bromofluorobenzene		54.4		ug/L	50.0	109%	78 - 126			5114545	NOK2470-04	11/30/05 14:19
Surrogate: 4-Bromofluorobenzene		54.4		ug/L	50.0	109%	78 - 126			5114545	NOK2470-04	11/30/05 14:19
<b>5120130-MSD1</b>												
Tert-Amyl Methyl Ether	ND	47.9		ug/L	50.0	96%	45 - 155	1	24	5120130	NOK2833-08	12/01/05 01:42
Ethyl tert-Butyl Ether	ND	46.0		ug/L	50.0	92%	57 - 148	0.2	22	5120130	NOK2833-08	12/01/05 01:42
Isopropyl Ether	ND	43.5		ug/L	50.0	87%	67 - 143	1	22	5120130	NOK2833-08	12/01/05 01:42
Methyl tert-Butyl Ether	ND	43.4		ug/L	50.0	87%	55 - 152	0.2	27	5120130	NOK2833-08	12/01/05 01:42
Tertiary Butyl Alcohol	9.04	600		ug/L	500	118%	19 - 183	2	39	5120130	NOK2833-08	12/01/05 01:42



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

Work Order: NOK2448  
 Project Name: 6039 College Avenue, Oakland, CA  
 Project Number: SAP  
 Received: 11/18/05 12:30

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Oxygenates by EPA 8260B</b>												
<b>5120130-MSD1</b>												
Surrogate: 1,2-Dichloroethane-d4		44.2		ug/L	50.0	88%	70 - 130			5120130	NOK2833-08	12/01/05 01:42
Surrogate: Dibromofluoromethane		50.2		ug/L	50.0	100%	79 - 122			5120130	NOK2833-08	12/01/05 01:42
Surrogate: Toluene-d8		50.8		ug/L	50.0	102%	78 - 121			5120130	NOK2833-08	12/01/05 01:42
Surrogate: 4-Bromofluorobenzene		55.3		ug/L	50.0	111%	78 - 126			5120130	NOK2833-08	12/01/05 01:42
<b>Purgeable Petroleum Hydrocarbons</b>												
<b>5114545-MSD1</b>												
Gasoline Range Organics	436	3240		ug/L	3050	92%	60 - 140	1	40	5114545	NOK2454-07	11/30/05 03:17
Surrogate: 1,2-Dichloroethane-d4		40.6		ug/L	50.0	81%	0 - 200			5114545	NOK2454-07	11/30/05 03:17
Surrogate: Dibromofluoromethane		50.5		ug/L	50.0	101%	0 - 200			5114545	NOK2454-07	11/30/05 03:17
Surrogate: Toluene-d8		50.6		ug/L	50.0	101%	0 - 200			5114545	NOK2454-07	11/30/05 03:17
Surrogate: 4-Bromofluorobenzene		53.2		ug/L	50.0	106%	0 - 200			5114545	NOK2454-07	11/30/05 03:17
<b>5114545-MSD2</b>												
Gasoline Range Organics	468	2920		ug/L	3050	80%	60 - 140	4	40	5114545	NOK2470-04	11/30/05 14:19
Surrogate: 1,2-Dichloroethane-d4		44.8		ug/L	50.0	90%	0 - 200			5114545	NOK2470-04	11/30/05 14:19
Surrogate: Dibromofluoromethane		51.5		ug/L	50.0	103%	0 - 200			5114545	NOK2470-04	11/30/05 14:19
Surrogate: Toluene-d8		51.7		ug/L	50.0	103%	0 - 200			5114545	NOK2470-04	11/30/05 14:19
Surrogate: 4-Bromofluorobenzene		54.4		ug/L	50.0	109%	0 - 200			5114545	NOK2470-04	11/30/05 14:19

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

Work Order: NOK2448  
Project Name: 6039 College Avenue, Oakland, CA  
Project Number: SAP  
Received: 11/18/05 12:30

### CERTIFICATION SUMMARY

#### TestAmerica Analytical - Nashville

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

Client Cambria Environmental Tech. Inc. / Shell (13675)  
5900 Hollis Street, Suite A  
Emeryville, CA 94608  
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Work Order: NOK2448  
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Project Number: SAP  
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## NELAC CERTIFICATION SUMMARY

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

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SW846 8260B	Water	Gasoline Range Organics

Client Cambria Environmental Tech. Inc. / Shell (13675)  
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## DATA QUALIFIERS AND DEFINITIONS

M3 Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).





## WELL GAUGING DATA

Project # 051116-MO2 Date 11/16/05 Client Shell

Site 6039 College Ave, Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC		
MW-1	4					17.44	24.29	↓	9	
MW-2	4					16.52	24.13		9	
MW-3	4		gauged w/ stinger in well			15.31	24.71			
MW-4	4		gauged w/ stinger in well			16.17	24.27			
MW-5	4		*			14.28	28.50			
MW-6	2		*			13.85	24.09			
			* parked over during initial gauging asked around & cars were moved							

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>GS(116-MD)</u>	Site: <u>98945745</u>
Sampler: <u>ND</u>	Date: <u>11/16/05</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>2417</u>	Depth to Water (DTW): <u>15.31</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>17.19</u>	

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

<u>6.1</u> (Gals.) X <u>3</u> = <u>18.3</u> Gals.	
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 <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1221</u>	<u>68.8</u>	<u>6.8</u>	<u>487</u>	<u>52</u>	<u>6.5</u>	<u>odor, clear, shiny</u>
<u>1222</u>	<u>67.9</u>	<u>6.6</u>	<u>589</u>	<u>11</u>	<u>13</u>	<u>↓ ↓ ↓</u>
<u>1224</u>	<u>67.0</u>	<u>6.7</u>	<u>505</u>	<u>31</u>	<u>18.5</u>	<u>↓ ↓ ↓</u>

Did well dewater? Yes  No  Gallons actually evacuated: 18.5

Sampling Date: 11/16/05 Sampling Time: 1230 Depth to Water: 17.19

Sample I.D.: MW-3 Laboratory: STL Other \_\_\_\_\_

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

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>051116-MW2</u>	Site: <u>98995745</u>
Sampler: <u>MW</u>	Date: <u>11/16/05</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>28.50</u>	Depth to Water (DTW): <u>14.28</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>17.12</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

$9.2 \text{ (Gals.)} \times 3 = 27.6 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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>radius<sup>2</sup> * 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 <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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1355	68.0	6.8	437	56	9.5	clear
1357	67.1	6.6	433	34	19	↓
1400	66.3	6.5	434	25	28	↓

Did well dewater? Yes  No  Gallons actually evacuated: 28

Sampling Date: 11/16/05 Sampling Time: 1415 Depth to Water: 14.30

Sample I.D.: MW-5 Laboratory:  STL Other \_\_\_\_\_

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

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>05116-WR</u>	Site: <u>98995745</u>
Sampler: <u>MJ</u>	Date: <u>11/16/05</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): <u>2409</u>	Depth to Water (DTW): <u>1385</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>15.90</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

<u>1.6</u> (Gals.) X	<u>3</u> =	<u>4.8</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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1326	69.4	6.8	580	180	1.6	cloudy
1329	69.2	6.6	592	87	3.2	clear
1333	68.4	6.6	589	107	4.8	↓

Did well dewater? Yes  No  Gallons actually evacuated: 4.8

Sampling Date: 11/16/05 Sampling Time: 1340 Depth to Water: 14.10

Sample I.D.: MW-6 Laboratory: STL Other \_\_\_\_\_

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

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