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Denis L. Brown

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

Re: Shell-branded Service Station
540 Hegenberger Road
Oakland, California
SAP Code 135694
Incident No. 98995752
ACHCSA Case No. RO-0223

Dear Mr. Wickham:

The attached document is provided for your review and comment. 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
Project Manager

August 16, 2006

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

Re: **Second Quarter 2006 Groundwater Monitoring Report**

Shell-branded Service Station
540 Hegenberger Road
Oakland, California
SAP Code 135694
Incident No.98995752
Cambria Project No.248-0414-002
ACHCSA Case No.RO-0223



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.

HISTORICAL INTERIM REMEDIATION SUMMARY

From July 1999 through June 2000, mobile groundwater extraction (GWE) using a vacuum truck was performed to remove dissolved-phase hydrocarbons and methyl tertiary-butyl ether (MTBE) from beneath the site. From June through December 2000, mobile dual-phase vacuum extraction (DVE) using a vacuum truck and carbon vapor abatement was conducted to enhance GWE and to extract vapor-phase hydrocarbons and MTBE from the soil as well. DVE was discontinued after the December 2000 event, but was reinstated on a monthly basis in May 2001. Due to low vapor mass-removal rates, DVE was discontinued in October 2001, and monthly GWE was reinstated. Monitoring wells MW-1 and MW-3 and tank backfill well BW-D were used for extraction until April 2002, when extraction from the tank backfill was switched from well BW-D to BW-B due to higher historical MTBE concentrations observed in this well. A total of 13.7 pounds of MTBE was removed from the subsurface during mobile DVE and GWE events. Monthly GWE events were discontinued in March 2003 when construction of a fixed GWE system began.

GWE System: Based on the groundwater monitoring and GWE system data, which demonstrated decreased MTBE concentrations in groundwater, Cambria shut down GWE system operation on August 4, 2004. After reviewing the third quarter 2004 groundwater monitoring data, which showed rebound of MTBE concentrations in well MW-3 (28,000 parts per billion [ppb]) on

**Cambria
Environmental
Technology, Inc.**

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

September 22, 2004), Cambria restarted the system on November 2, 2004, pumping only from well MW-3.

After the system was restarted, the fourth quarter 2004 groundwater monitoring data showed a significant decrease in MW-3 concentrations (84 ppb on December 22, 2004). Based on this and GWE system influent data from the first quarter 2005, Cambria shut the system down again on March 2, 2005. MTBE concentrations across the site remained low during the first quarter 2005 sampling event (85 ppb MTBE in MW-3 on February 23, 2005), and the system remained off throughout the second quarter of 2005. After reviewing the second quarter 2005 groundwater monitoring data, which showed rebound of MTBE concentrations in well MW-3 (6,100 ppb on June 27, 2005), Cambria restarted the system on July 29, 2005, pumping only from well MW-3.

After the system was restarted, the third quarter 2005 groundwater monitoring data showed a significant decrease in MW-3 MTBE concentrations (300 ppb on August 31, 2005). Based on this and GWE system influent data from the third and fourth quarters of 2005, Cambria shut the system down again on November 8, 2005. Cambria operated the system on January 3, 2006 and March 6, 2006, for the purpose of processing rainwater that had accumulated in the remediation compound. Through March 6, 2006, a total of 360,470 gallons of groundwater has been extracted and a total of 18.4 pounds of MTBE has been recovered.

SECOND QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged water levels, sampled the monitoring 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, presenting the laboratory report and supporting field documents, is included as Attachment A.

Historical Interim Remediation Summary: The GWE system remained off through the Second quarter 2006. The Second quarter 2006 groundwater monitoring data for MW-3 showed minor rebound of MTBE to 600 ppb.

ANTICIPATED THIRD QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine will gauge water levels, sample the monitoring wells, and tabulate the data. In addition, Blaine will sample tank backfill well BW-D. Cambria will prepare a groundwater monitoring report.

GWE System: Except for processing rainwater that may accumulate in the compound, the GWE system is expected to remain off. Cambria will continue to evaluate subsequent groundwater monitoring and sampling data to determine the appropriate course of action for the GWE system.

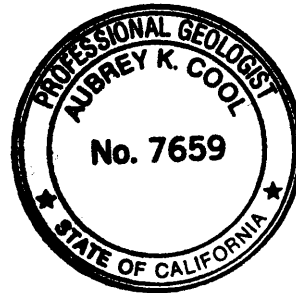
CLOSING

We appreciate the opportunity to work with you on this project. Please call Ana Friel at (707) 442-2700 or afriel@Cambria-env.com if you have any questions or comments. Please note that this is a new Cambria Project Manager, and any correspondence related to this project should be sent to 270 Perkins Street, Sonoma, CA 95476.



Sincerely,
Cambria Environmental Technology, Inc.

Aubrey K. Cool
for: Ana Friel, PG
Associate Geologist

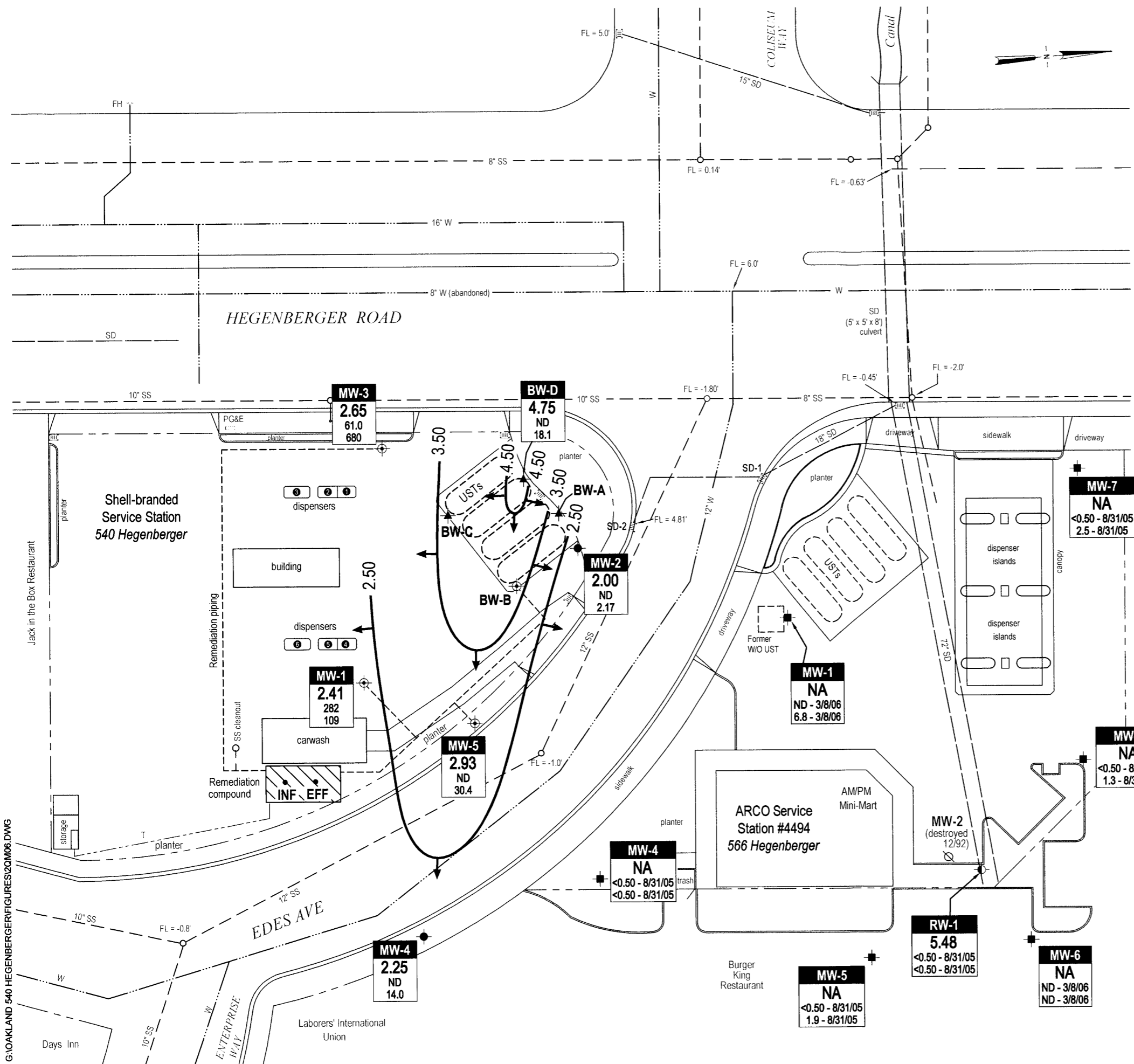


Figures: 1 - Site Vicinity and Area Well Survey Map
2 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810

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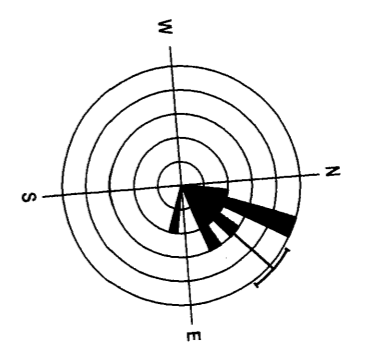


EXPLANATION

- MW-2 ● Shell monitoring well
- BW-A ▲ Tank backfill well
- MW-1 ⊕ Well used for groundwater extraction
- MW-1 ■ ARCO monitoring well
- RW-1 ⊖ ARCO recovery well
- Sanitary sewer main (SS)
- Water line (W)
- - - Telephone line (T)
- · - Storm drain (SD)
- ▶ Flow direction
- FH ◊ Fire hydrant
- FL = 5.0' Flowline elevation (msl)
- INF ● GWE Sample Location
- Groundwater flow direction
- XX.XX Groundwater elevation contour, in feet above msl, approximately located, dashed where inferred

Well	ELEV	Benzene	MTBE
MW-3	2.65	61.0	68.0
BW-D	4.75	ND	18.1
MW-2	2.00	ND	2.17
MW-1	NA	ND - 3/8/06	6.8 - 3/8/06
MW-5	2.93	ND	30.4
MW-4	2.25	ND	14.0
MW-7	NA	<0.50 - 8/31/05	2.5 - 8/31/05
MW-3	NA	<0.50 - 8/31/05	1.3 - 8/31/05
MW-2 (destroyed 12/92)			
RW-1	5.48	<0.50 - 8/31/05	<0.50 - 8/31/05
MW-6	NA	ND - 3/8/06	ND - 3/8/06
MW-5	NA	<0.50 - 8/31/05	1.9 - 8/31/05
MW-4	NA	<0.50 - 8/31/05	<0.50 - 8/31/05

Notes:
 NA = Not available
 ND = Below laboratory detection limit



Shell Groundwater Gradient Direction
 August 1998 through March 2003
 (20 events prior to groundwater extraction)

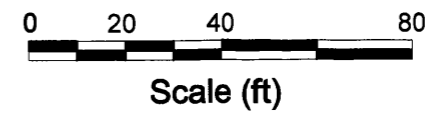


FIGURE
2

Groundwater Elevation Contour Map

June 14, 2006



C A M B R I A

Shell-branded Service Station

540 Hegenberger Road
 Oakland, California
 Incident No. 98995752

ATTACHMENT A
Blaine Groundwater Monitoring Report
and Field Notes

BLAINE
TECH SERVICES INC.

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
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Monitoring performed on June 14, 2006

Groundwater Monitoring Report **060614-LC-1**

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. Purge water (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1 (a)	08/26/1998	2,700	28	55	59	39	33,000	NA	NA	NA	NA	NA	NA	10.54	7.91	2.63	1.8
MW-1 (b)	08/26/1998	<1,000	22	<10	<10	<10	17,000	NA	NA	NA	NA	NA	NA	10.54	7.91	2.63	2.2
MW-1	12/28/1998	<5,000	<50.0	<50.0	<50.0	<50.0	153,000	33,000	NA	NA	NA	NA	NA	10.54	8.75	1.79	1.9
MW-1	03/29/1999	<2,000	<20.0	<20.0	<20.0	<20.0	693,000	NA	NA	NA	NA	NA	NA	10.54	8.32	2.22	2.0
MW-1	06/22/1999	20,000	<200	<200	<200	<200	150,000	NA	NA	NA	NA	NA	NA	10.54	9.05	1.49	1.7
MW-1	09/30/1999	<2,500	<25.0	<25.0	<25.0	<25.0	30,900	NA	NA	NA	NA	NA	NA	10.54	8.35	2.19	2.6
MW-1	11/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.58	0.96	NA
MW-1	11/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.65	0.89	NA
MW-1	12/02/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.55	0.99	NA
MW-1	12/10/1999	<50.0	29.7	<20.0	<20.0	<20.0	76,300	NA	NA	NA	NA	NA	NA	10.54	8.86	1.68	1.2
MW-1	03/02/2000	<2,500	<25.0	<25.0	<25.0	<25.0	27,600	NA	NA	NA	NA	NA	NA	10.54	8.83	1.71	3.2
MW-1	06/08/2000	<2,000	<20.0	<20.0	<20.0	<20.0	59,000	67,600	NA	NA	NA	NA	NA	10.54	7.78	2.76	1.9
MW-1	09/05/2000	<10,000	411	<100	<100	<100	71,100	115,000e	NA	NA	NA	NA	NA	10.54	7.84	2.70	NA
MW-1	12/15/2000	35,600	1,310	<50.0	<50.0	<50.0	136,000	f	NA	NA	NA	NA	NA	10.54	7.65	2.89	NA
MW-1	03/09/2001	<10,000	1,390	<100	<100	<100	89,600	164,000	NA	NA	NA	NA	NA	10.54	6.44	4.10	NA
MW-1	06/27/2001	<5,000	<50	<50	<50	<50	NA	19,000	NA	NA	NA	NA	NA	10.54	8.46	2.08	NA
MW-1	09/19/2001	<5,000	<50	<50	<50	<50	NA	52,000	NA	NA	NA	NA	NA	10.54	8.10	2.44	NA
MW-1	12/31/2001	<5,000	<25	<25	<25	<25	NA	17,000	NA	NA	NA	NA	NA	10.54	7.31	3.23	NA
MW-1	03/14/2002	<20,000	<200	<200	<200	<200	NA	60,000	NA	NA	NA	NA	NA	10.54	7.68	2.86	NA
MW-1	06/25/2002	<5,000	<50	<50	<50	<50	NA	34,000	NA	NA	NA	NA	NA	10.54	8.40	2.14	NA
MW-1	09/19/2002	<2,500	<25	<25	<25	<25	NA	18,000	NA	NA	NA	NA	NA	10.52	8.58	1.94	NA
MW-1	12/12/2002	<5,000	<50	<50	<50	<50	NA	30,000	NA	NA	NA	NA	NA	10.52	8.41	2.11	NA
MW-1	01/02/2003	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	NA	10.52	7.45	3.07	NA
MW-1	03/20/2003 g	3,800	<25	<25	<25	<25	5,500	NA	NA	NA	NA	NA	NA	10.52	8.21	2.31	NA
MW-1	06/23/2003	<10,000	<100	<100	<100	<200	NA	35,000	NA	NA	NA	NA	NA	10.52	9.02	1.50	NA
MW-1	09/22/2003	<5,000	<50	<50	<50	<100	NA	15,000	NA	NA	NA	NA	NA	10.52	15.74	-5.22	NA
MW-1	12/03/2003	<1,300	<13	<13	<13	<25	NA	3,600	NA	NA	NA	NA	NA	10.52	18.35 h	NA	NA
MW-1	03/18/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	570	NA	NA	NA	NA	NA	10.52	7.32	3.20	NA
MW-1	05/25/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	NA	NA	10.52	6.80	3.72	NA
MW-1	09/22/2004	<2,000	<20	<20	<20	<40	NA	170	<80	<80	<80	20,000	<2,000	10.52	6.55	3.97	NA

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-1	12/22/2004	<500	<5.0	<5.0	<5.0	<10	NA	57	NA	NA	NA	NA	NA	10.52	6.44	4.08	NA
MW-1	02/23/2005	<2,000	<20	<20	<20	<40	NA	110	NA	NA	NA	NA	NA	10.52	5.79	4.73	NA
MW-1	06/27/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	16	NA	NA	NA	NA	NA	10.52	6.43	4.09	NA
MW-1	08/31/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	32	<10	<10	<10	4,000	<250	9.27	6.38	2.89	NA
MW-1	12/14/2005	<50.0	<0.500	2.03	<0.500	<0.500	NA	30.4	NA	NA	NA	NA	NA	9.27	6.46	2.81	NA
MW-1	03/08/2006	417	1.87	<0.500	<0.500	0.830	NA	17.8	NA	NA	NA	3,380	NA	9.27	6.21	3.06	NA
MW-1	06/14/2006	728	282	1.61	4.16	9.82	NA	109	NA	NA	NA	2,950	NA	9.27	6.86	2.41	NA

MW-2 (a)	08/26/1998	<250	3.2	<2.5	<2.5	<2.5	4,000	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.4
MW-2 (b)	08/26/1998	<250	3.1	<2.5	<2.5	<2.5	4,800	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.7
MW-2 (D)(b)	08/26/1998	<250	4.8	<2.5	<2.5	6.0	3,300	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.7
MW-2	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	28.8	NA	NA	NA	NA	NA	NA	9.21	7.34	1.87	2.1
MW-2	03/29/1999	235	<0.500	<0.500	<0.500	3.4	101	NA	NA	NA	NA	NA	NA	9.21	6.85	2.36	2.0
MW-2	06/22/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	9.21	7.10	2.11	1.9
MW-2	09/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	1,700	NA	NA	NA	NA	NA	NA	9.21	8.06	1.15	1.0
MW-2	12/10/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	9.21	8.61	0.60	1.4
MW-2	03/02/2000	<500	11.5	<5.00	<5.00	<5.00	5,280	NA	NA	NA	NA	NA	NA	9.21	6.33	2.88	0.4
MW-2	06/08/2000	<50.0	0.670	<0.500	<0.500	<0.500	3,160	NA	NA	NA	NA	NA	NA	9.21	6.87	2.34	1.6
MW-2	09/05/2000	<1,000	<10.0	<10.0	<10.0	<10.0	9,600	NA	NA	NA	NA	NA	NA	9.21	6.79	2.42	NA
MW-2	12/15/2000	<200	<2.00	<2.00	<2.00	<2.00	6,320	NA	NA	NA	NA	NA	NA	9.21	6.76	2.45	NA
MW-2	03/09/2001	<500	<5.00	<5.00	<5.00	<5.00	17,200	NA	NA	NA	NA	NA	NA	9.21	6.28	2.93	NA
MW-2	06/27/2001	<100	1.4	<1.0	<1.0	<2.0	NA	470	NA	NA	NA	NA	NA	9.21	7.12	2.09	NA
MW-2	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	330	NA	NA	NA	NA	NA	9.21	7.17	2.04	NA
MW-2	12/31/2001	<100	<1.0	<1.0	<1.0	<1.0	NA	420	NA	NA	NA	NA	NA	9.21	6.24	2.97	NA
MW-2	03/14/2002	<250	4.5	3.3	<2.5	<2.5	NA	1,600	NA	NA	NA	NA	NA	9.21	6.72	2.49	NA
MW-2	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	9.21	7.23	1.98	NA
MW-2	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	90	NA	NA	NA	NA	NA	9.19	7.48	1.71	NA
MW-2	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	NA	9.19	7.33	1.86	NA
MW-2	03/20/2003 g	56	<0.50	<0.50	<0.50	<0.50	58	NA	NA	NA	NA	NA	NA	9.19	7.65	1.54	NA
MW-2	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	44	NA	NA	NA	NA	NA	9.19	8.72	0.47	NA

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-2	09/22/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	37	NA	NA	NA	NA	NA	9.19	8.84	0.35	NA
MW-2	12/03/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	99	NA	NA	NA	NA	NA	9.19	8.95	0.24	NA
MW-2	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	NA	9.19	7.19	2.00	NA
MW-2	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	53	NA	NA	NA	NA	NA	9.19	8.40	0.79	NA
MW-2	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	24	<2.0	<2.0	<2.0	100	<50	9.19	7.08	2.11	NA
MW-2	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	39	NA	NA	NA	NA	NA	9.19	7.09	2.10	NA
MW-2	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	38	NA	NA	NA	NA	NA	9.19	6.50	2.69	NA
MW-2	06/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	NA	NA	9.19	7.17	2.02	NA
MW-2	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	5.5	<2.0	<2.0	<2.0	19	<50	9.19	7.21	1.98	NA
MW-2	12/14/2005	<50.0	<0.500	2.16	<0.500	<0.500	NA	5.33	NA	NA	NA	NA	NA	9.19	7.13	2.06	NA
MW-2	03/08/2006	<50.0	<0.500	<0.500	<0.500	0.560	NA	18.8	NA	NA	NA	<10.0	NA	9.19	6.02	3.17	NA
MW-2	06/14/2006	<50.0	<0.500	0.680	<0.500	<0.500	NA	2.17	NA	NA	NA	<10.0	NA	9.19	7.19	2.00	NA

MW-3 (a)	08/26/1998	2,300	180	330	<0.50	420	44,000	NA	NA	NA	NA	NA	NA	9.45	6.52	2.93	1.8
MW-3 (b)	08/26/1998	<50	<0.50	<0.50	<0.50	<0.50	52,000	75,000	NA	NA	NA	NA	NA	9.45	6.52	2.93	2.3
MW-3	12/28/1998	<5,00	139	<50.0	<50.0	<50.0	15,100	NA	NA	NA	NA	NA	NA	9.45	6.73	2.72	1.7
MW-3	03/29/1999	52,500	5,500	6,900	1,360	6,250	508,000	630,000 (c)	NA	NA	NA	NA	NA	9.45	6.21	3.24	2.1
MW-3	06/22/1999	58,000	6,600	9,850	1,640	6,950	677,000	653,000	NA	NA	NA	NA	NA	9.45	7.00	2.45	1.3
MW-3	09/30/1999	4,360	121	122	36.1	647	33,700	35,600	NA	NA	NA	NA	NA	9.45	6.84	2.61	0.6
MW-3	11/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	7.93	1.52	NA
MW-3	11/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	8.25	1.20	NA
MW-3	12/02/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	7.55	1.90	NA
MW-3	12/10/1999	4,220	973	26.3	273	584	88,200	NA	NA	NA	NA	NA	NA	9.45	7.28	2.17	2.5
MW-3	03/02/2000	65,300	5,210	10,300	2,650	15,100	56,800	59,800e	NA	NA	NA	NA	NA	9.45	5.87	3.58	d
MW-3	06/08/2000	72,700	3,570	10,200	2,100	13,400	44,400	NA	NA	NA	NA	NA	NA	9.45	5.32	4.13	1.1
MW-3	09/05/2000	26,100	959	2,910	1,090	5,640	24,000	NA	NA	NA	NA	NA	NA	9.45	5.60	3.85	NA
MW-3	12/15/2000	5,190	438	8.39	483	530	19,100	11,800f	NA	NA	NA	NA	NA	9.45	6.27	3.18	NA
MW-3	03/09/2001	5,880	472	42.2	392	1,290	41,800	NA	NA	NA	NA	NA	NA	9.45	5.71	3.74	NA
MW-3	06/27/2001	9,100	330	79	140	1,600	NA	31,000	NA	NA	NA	NA	NA	9.45	6.88	2.57	NA
MW-3	09/19/2001	790	14	18	17	67	NA	8,100	NA	NA	NA	NA	NA	9.45	6.70	2.75	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-3	12/31/2001	<5,000	220	<50	86	<50	NA	22,000	NA	NA	NA	NA	NA	9.45	5.92	3.53	NA
MW-3	03/14/2002	<2,500	<25	<25	<25	<25	NA	12,000	NA	NA	NA	NA	NA	9.45	6.25	3.20	NA
MW-3	06/25/2002	<10,000	160	<100	<100	<100	NA	42,000	NA	NA	NA	NA	NA	9.45	6.65	2.80	NA
MW-3	09/19/2002	<10,000	650	<100	280	360	NA	84,000	NA	NA	NA	NA	NA	9.45	6.51	2.94	NA
MW-3	12/12/2002	<10,000	170	<100	<100	<100	NA	45,000	NA	NA	NA	NA	NA	9.45	6.97	2.48	NA
MW-3	01/02/2003	NA	59	<5.0	5.3	<10	NA	NA	NA	NA	NA	NA	NA	9.45	5.90	3.55	NA
MW-3	03/20/2003 g	5,100	<50	<50	<50	<50	4,400	NA	NA	NA	NA	NA	NA	9.45	6.87	2.58	NA
MW-3	06/23/2003	<5,000	<50	<50	<50	<100	NA	8,100	NA	NA	NA	NA	NA	9.45	13.80	-4.35	NA
MW-3	09/22/2003	<250	<2.5	4.6	<2.5	<5.0	NA	470	NA	NA	NA	NA	NA	9.45	6.31	3.14	NA
MW-3	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	180	NA	NA	NA	NA	NA	9.45	14.77 h	NA	NA
MW-3	03/18/2004	<1,000	14	<10	<10	<20	NA	2,500	NA	NA	NA	NA	NA	9.45	6.07	3.38	NA
MW-3	05/25/2004	3,900	<10	66	23	470	NA	140	NA	NA	NA	NA	NA	9.45	14.63	-5.18	NA
MW-3	09/22/2004	<10,000	830	<100	290	450	NA	28,000	<400	<400	<400	13,000	<10,000	9.45	4.86	4.59	NA
MW-3	12/22/2004	94	<0.50	<0.50	<0.50	<1.0	NA	84	NA	NA	NA	NA	NA	9.45	6.93	2.52	NA
MW-3	02/23/2005	<50 i	<0.50	<0.50	<0.50	<1.0	NA	85	NA	NA	NA	NA	NA	9.45	5.68	3.77	NA
MW-3	06/27/2005	<2,500	96	<25	29	<50	NA	6,100	NA	NA	NA	NA	NA	9.45	4.80	4.65	NA
MW-3	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	300	<2.0	<2.0	<2.0	700	<50	8.33	5.07	3.26	NA
MW-3	12/14/2005	647	6.16	2.37	1.88	<0.500	NA	303 j	NA	NA	NA	NA	NA	8.33	5.65	2.68	NA
MW-3	03/08/2006	901	20.8	<0.500	5.55	0.980	NA	313	NA	NA	NA	1,660	NA	8.33	5.57	2.76	NA
MW-3	06/14/2006	1,240	61.0	<0.500	11.0	0.730	NA	680	NA	NA	NA	5,660	NA	8.33	5.68	2.65	NA

MW-4	09/25/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.88	7.64	2.24	NA
MW-4	12/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	9.88	7.55	2.33	NA
MW-4	03/09/2001	<50.0	<0.500	0.730	<0.500	0.529	3.16	NA	NA	NA	NA	NA	NA	9.88	7.04	2.84	NA
MW-4	06/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.76	2.12	NA
MW-4	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.69	2.19	NA
MW-4	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.08	2.80	NA
MW-4	03/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.57	2.31	NA
MW-4	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.50	1.38	NA
MW-4	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.22	1.66	NA

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MW-4	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.08	1.80	NA
MW-4	03/20/2003 g	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	9.88	7.92	1.96	NA
MW-4	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.18	1.70	NA
MW-4	09/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	NA	9.88	8.28	1.60	NA
MW-4	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	NA	9.88	8.44	1.44	NA
MW-4	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	NA	9.88	7.52	2.36	NA
MW-4	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	9.88	8.30	1.58	NA
MW-4	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	<5.0	<50	9.88	7.72	2.16	NA
MW-4	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	9.88	7.32	2.56	NA
MW-4	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	NA	9.88	6.95	2.93	NA
MW-4	06/27/2005	55	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	NA	9.88	7.48	2.40	NA
MW-4	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	15	<2.0	<2.0	<2.0	11	<50	9.88	7.53	2.35	NA
MW-4	12/14/2005	<50.0	<0.500	2.04	<0.500	<0.500	NA	10.1	NA	NA	NA	NA	NA	9.88	7.54	2.34	NA
MW-4	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	5.73	NA	NA	NA	NA	NA	9.88	6.19	3.69	NA
MW-4	06/14/2006	<50.0	<0.500	0.590	<0.500	<0.500	NA	14.0	NA	NA	NA	NA	NA	9.88	7.63	2.25	NA

MW-5	06/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.36	NA	NA
MW-5	06/25/2002	<10,000	<100	<100	<100	<100	NA	60,000	NA	NA	NA	NA	NA	NA	8.30	NA	NA
MW-5	09/19/2002	<2,000	<20	<20	<20	<20	NA	7,200	NA	NA	NA	NA	NA	10.03	8.44	1.59	NA
MW-5	12/12/2002	<5,000	<50	<50	<50	<50	NA	33,000	NA	NA	NA	NA	NA	10.03	8.49	1.54	NA
MW-5	03/20/2003 g	12,000	<50	<50	<50	<50	15,000	NA	NA	NA	NA	NA	NA	10.03	8.23	1.80	NA
MW-5	06/23/2003	<1,000	<10	<10	<10	<20	NA	1,700	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	09/22/2003	<2,500	<25	<25	<25	<50	NA	4,400	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	70	NA	NA	NA	NA	NA	10.03	16.79	-6.76	NA
MW-5	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	NA	NA	10.03	16.78	-6.75	NA
MW-5	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	30	NA	NA	NA	NA	NA	10.03	13.02	-2.99	NA
MW-5	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	83	<50	10.03	5.91	4.12	NA
MW-5	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	67	NA	NA	NA	NA	NA	10.03	5.72	4.31	NA
MW-5	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	NA	NA	10.03	4.41	5.62	NA
MW-5	06/27/2005	56	<0.50	<0.50	<0.50	<1.0	NA	46	NA	NA	NA	NA	NA	10.03	5.98	4.05	NA

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-5	08/31/2005	<1,000	<10	<10	<10	<20	NA	69	<40	<40	<40	2,400	<1,000	9.03	6.60	2.43	NA
MW-5	12/14/2005	302	<0.500	2.02	<0.500	<0.500	NA	34.0	NA	NA	NA	NA	NA	9.03	5.00	4.03	NA
MW-5	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	34.6	NA	NA	NA	677	NA	9.03	4.18	4.85	NA
MW-5	06/14/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	30.4	NA	NA	NA	4,380	NA	9.03	6.10	2.93	NA

C-1	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	1.44	NA	NA
C-1	03/29/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	2.59	NA	NA
C-1	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	3.72	NA	NA
C-1	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	3.08	NA	NA
C-1	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	0.64	NA	NA
C-1	03/20/2003 g	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	4.61	NA	NA

SD-1	09/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	03/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	06/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	09/19/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	12/12/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	03/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SD-2	09/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	03/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	06/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	09/19/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	12/12/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	03/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

BW-A	06/22/1999	318	<0.50	<0.50	0.590	1.48	4,470	NA	NA	NA	NA	NA	NA	NA	4.71	NA	1.1
BW-A	06/25/2002	<500	<5.0	<5.0	<5.0	18	NA	3,100	NA	NA	NA	NA	NA	NA	5.14	NA	NA
BW-A	09/19/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	<20	NA	NA	NA	NA	NA	NA	7.19	NA	NA
BW-A	12/12/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2,900	NA	NA	NA	NA	NA	NA	6.40	NA	NA

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BW-A	03/20/2003 g	<2,500	<25	<25	<25	<25	<250	NA	NA	NA	NA	NA	NA	NA	5.36	NA	NA
BW-A	06/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.27	NA	NA
BW-A	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.63	NA	NA	NA
BW-B	06/22/1999	<250	<2.5	<2.5	<2.5	<2.5	8,600	NA	NA	NA	NA	NA	NA	NA	5.90	NA	1.2
BW-B	06/27/2001	<5,000	<50	<50	<50	<50	NA	40,000	NA	NA	NA	NA	NA	NA	5.83	NA	NA
BW-B	12/31/2001	<2,000	<20	<20	<20	<20	NA	9,200	NA	NA	NA	NA	NA	NA	4.19	NA	NA
BW-B	03/14/2002	<2,000	<20	<20	<20	<20	NA	9,400	NA	NA	NA	NA	NA	NA	5.24	NA	NA
BW-B	06/25/2002	<2,000	<20	<20	<20	<20	NA	6,600	NA	NA	NA	NA	NA	NA	6.19	NA	NA
BW-B	09/19/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	<50	NA	NA	NA	NA	NA	NA	8.46	NA	NA
BW-B	12/12/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	1,700	NA	NA	NA	NA	NA	NA	7.46	NA	NA
BW-B	03/20/2003 g	170	<1.0	<1.0	<1.0	<1.0	190	NA	NA	NA	NA	NA	NA	NA	6.23	NA	NA
BW-B	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	NA	NA	NA	9.95	NA	NA
BW-B	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.32	NA	NA	NA
BW-C	06/22/1999	<50	<0.50	<0.50	<0.50	0.98	11,000	NA	NA	NA	NA	NA	NA	NA	5.91	NA	1.6
BW-C	06/25/2002	<5,000	<50	<50	<50	<50	NA	20,000	NA	NA	NA	NA	NA	NA	6.49	NA	NA
BW-C	09/19/2002	<1,000	<10	<10	<10	<10	NA	400	NA	NA	NA	NA	NA	NA	8.52	NA	NA
BW-C	12/12/2002	<2,000	<20	<20	<20	<20	NA	8,000	NA	NA	NA	NA	NA	NA	7.57	NA	NA
BW-C	03/20/2003 g	270	<1.0	<1.0	<1.0	<1.0	250	NA	NA	NA	NA	NA	NA	NA	6.48	NA	NA
BW-C	06/23/2003	<1,000	<10	<10	<10	<20	NA	170	NA	NA	NA	NA	NA	NA	11.48	NA	NA
BW-C	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.81	NA	NA	NA
BW-D	06/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2,190	NA	NA	NA	NA	NA	NA	NA	4.78	NA	1.4
BW-D	06/25/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BW-D	07/02/2002	<1,000	23	<10	<10	<10	NA	<100	NA	NA	NA	NA	NA	NA	6.36	NA	NA
BW-D	09/19/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	<25	NA	NA	NA	NA	NA	NA	7.25	NA	NA
BW-D	12/12/2002	<5,000	<50	<50	<50	<50	NA	16,000	NA	NA	NA	NA	NA	NA	6.21	NA	NA
BW-D	03/20/2003 g	71	<0.50	<0.50	<0.50	<0.50	55	NA	NA	NA	NA	NA	NA	NA	5.23	NA	NA
BW-D	06/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.25	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
BW-D	09/22/2003	<100	<1.0	<1.0	<1.0	<2.0	NA	120	NA	NA	NA	NA	NA	NA	10.18	NA	NA
BW-D	12/03/2003	<1,300	110	<13	<13	29	NA	560	NA	NA	NA	NA	NA	NA	10.20	NA	NA
BW-D	03/18/2004	<50	0.67	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	NA	3.42	NA	NA
BW-D	05/25/2004	<50	1.4	0.96	<0.50	<1.0	NA	1.7	NA	NA	NA	NA	NA	NA	8.83	NA	NA
BW-D	09/22/2004	<100	6.9	<1.0	2.1	4.2	NA	210	NA	NA	NA	NA	NA	NA	2.75	NA	NA
BW-D	12/22/2004	61	2.1	2.9	<0.50	3.6	NA	5.4	NA	NA	NA	NA	NA	NA	3.67	NA	NA
BW-D	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	NA	NA	NA	2.88	NA	NA
BW-D	06/27/2005	53	<0.50	<0.50	<0.50	<1.0	NA	1.8	NA	NA	NA	NA	NA	NA	3.70	NA	NA
BW-D	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	NA	NA	8.61	3.82	4.79	NA
BW-D	12/14/2005	<50.0	<0.500	2.78	<0.500	<0.500	NA	2.26	NA	NA	NA	NA	NA	8.61	3.59	5.02	NA
BW-D	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	2.23	NA	NA	NA	NA	NA	8.61	3.61	5.00	NA
BW-D	06/14/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	18.1	NA	NA	NA	NA	NA	8.61	3.86	4.75	NA

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 27, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 27, 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

GW = Groundwater

DO = Dissolved Oxygen

ppm = Parts per million

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

a = Pre-purge

b = Post purge

c = Lab confirmed MTBE by mistake. MTBE value at MW-1 should have been confirmed instead.

d = DO reading not taken.

e = Sample was analyzed outside of the EPA recommended holding time.

f = The second highest MTBE hit was mistakenly confirmed. MTBE for MW-1 should have been confirmed.

g = On March 20, 2003, all analyses run by EPA Method 8015/8020.

h = Depth to top of pump; pump prevented depth to water measurement.

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

j = Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

Ethanol analyzed by EPA Method 8260B.

Site surveyed September 21, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.

C-1 is a canal sample location.

SD-1 and SD-2 are storm drains.

Wells MW-1 through MW-5 surveyed January 24 and June 19, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-1, MW-3, MW-5, and BW-D surveyed on September 22, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Unmonitored backfilled wells BW-A, BW-B, and BW-C surveyed on September 22, 2005 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: NPF2468
Project Name: 540 Hegenberger Rd, Oakland, CA
Project Nbr: SAP 135694
P/O Nbr: 98995752
Date Received: 06/17/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPF2468-01	06/14/06 13:30
MW-2	NPF2468-02	06/14/06 12:00
MW-3	NPF2468-03	06/14/06 12:25
MW-4	NPF2468-04	06/14/06 11:10
MW-5	NPF2468-05	06/14/06 12:45
BW-D	NPF2468-06	06/14/06 12:40

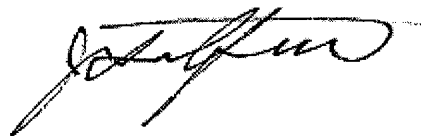
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed,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

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

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

Report Approved By:



Jim Hatfield
Project Management

Client Cambria Env. Tech. (Emeryville) / SHELL (I3675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Anni Kreml

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPF2468-01RE1 (MW-1 - Water) Sampled: 06/14/06 13:30								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	282		ug/L	2.50	5	06/27/06 17:41	SW846 8260B	6065683
Methyl tert-Butyl Ether	109		ug/L	0.500	1	06/27/06 01:32	SW846 8260B	6065480
Ethylbenzene	4.16		ug/L	0.500	1	06/27/06 01:32	SW846 8260B	6065480
Toluene	1.61		ug/L	0.500	1	06/27/06 01:32	SW846 8260B	6065480
Xylenes, total	9.82		ug/L	0.500	1	06/27/06 01:32	SW846 8260B	6065480
Tertiary Butyl Alcohol	2950		ug/L	50.0	5	06/27/06 17:41	SW846 8260B	6065683
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					06/27/06 01:32	SW846 8260B	6065480
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %					06/27/06 17:41	SW846 8260B	6065683
Surr: Dibromofluoromethane (79-122%)	108 %					06/27/06 01:32	SW846 8260B	6065480
Surr: Dibromofluoromethane (79-122%)	108 %					06/27/06 17:41	SW846 8260B	6065683
Surr: Toluene-d8 (78-121%)	107 %					06/27/06 01:32	SW846 8260B	6065480
Surr: Toluene-d8 (78-121%)	105 %					06/27/06 17:41	SW846 8260B	6065683
Surr: 4-Bromofluorobenzene (78-126%)	101 %					06/27/06 01:32	SW846 8260B	6065480
Surr: 4-Bromofluorobenzene (78-126%)	100 %					06/27/06 17:41	SW846 8260B	6065683
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	728		ug/L	50.0	1	06/27/06 01:32	CA LUFT GC/MS	6065480
Sample ID: NPF2468-02 (MW-2 - Water) Sampled: 06/14/06 12:00								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	06/27/06 16:28	SW846 8260B	6065683
Methyl tert-Butyl Ether	2.17		ug/L	0.500	1	06/27/06 16:28	SW846 8260B	6065683
Ethylbenzene	ND		ug/L	0.500	1	06/27/06 16:28	SW846 8260B	6065683
Toluene	0.680		ug/L	0.500	1	06/27/06 16:28	SW846 8260B	6065683
Xylenes, total	ND		ug/L	0.500	1	06/27/06 16:28	SW846 8260B	6065683
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	06/27/06 16:28	SW846 8260B	6065683
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					06/27/06 16:28	SW846 8260B	6065683
Surr: Dibromofluoromethane (79-122%)	110 %					06/27/06 16:28	SW846 8260B	6065683
Surr: Toluene-d8 (78-121%)	106 %					06/27/06 16:28	SW846 8260B	6065683
Surr: 4-Bromofluorobenzene (78-126%)	98 %					06/27/06 16:28	SW846 8260B	6065683
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	06/27/06 16:28	CA LUFT GC/MS	6065683
Sample ID: NPF2468-03 (MW-3 - Water) Sampled: 06/14/06 12:25								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	61.0		ug/L	0.500	1	06/27/06 02:20	SW846 8260B	6065480
Methyl tert-Butyl Ether	680		ug/L	5.00	10	06/27/06 18:05	SW846 8260B	6065683
Ethylbenzene	11.0		ug/L	0.500	1	06/27/06 02:20	SW846 8260B	6065480
Toluene	ND		ug/L	0.500	1	06/27/06 02:20	SW846 8260B	6065480
Xylenes, total	0.730		ug/L	0.500	1	06/27/06 02:20	SW846 8260B	6065480
Tertiary Butyl Alcohol	5660		ug/L	100	10	06/27/06 18:05	SW846 8260B	6065683
Surr: 1,2-Dichloroethane-d4 (70-130%)	99 %					06/27/06 02:20	SW846 8260B	6065480
Surr: 1,2-Dichloroethane-d4 (70-130%)	98 %					06/27/06 18:05	SW846 8260B	6065683
Surr: Dibromofluoromethane (79-122%)	109 %					06/27/06 02:20	SW846 8260B	6065480
Surr: Dibromofluoromethane (79-122%)	108 %					06/27/06 18:05	SW846 8260B	6065683

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

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
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Sample ID: NPF2468-03 (MW-3 - Water) - cont. Sampled: 06/14/06 12:25

Selected Volatile Organic Compounds by EPA Method 8260B - cont.

Surr: Toluene-d8 (78-121%)	107 %					06/27/06 02:20	SW846 8260B	6065480
Surr: Toluene-d8 (78-121%)	108 %					06/27/06 18:05	SW846 8260B	6065683
Surr: 4-Bromofluorobenzene (78-126%)	100 %					06/27/06 02:20	SW846 8260B	6065480
Surr: 4-Bromofluorobenzene (78-126%)	101 %					06/27/06 18:05	SW846 8260B	6065683

Purgeable Petroleum Hydrocarbons

Gasoline Range Organics	1240		ug/L	50.0	1	06/27/06 02:20	CA LUFT GC/MS	6065480
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Sample ID: NPF2468-04 (MW-4 - Water) Sampled: 06/14/06 11:10

Selected Volatile Organic Compounds by EPA Method 8260B

Benzene	ND		ug/L	0.500	1	06/27/06 16:52	SW846 8260B	6065683
Ethylbenzene	ND		ug/L	0.500	1	06/27/06 16:52	SW846 8260B	6065683
Methyl tert-Butyl Ether	14.0		ug/L	0.500	1	06/27/06 16:52	SW846 8260B	6065683
Toluene	0.590		ug/L	0.500	1	06/27/06 16:52	SW846 8260B	6065683
Xylenes, total	ND		ug/L	0.500	1	06/27/06 16:52	SW846 8260B	6065683
Surr: 1,2-Dichloroethane-d4 (70-130%)	96 %					06/27/06 16:52	SW846 8260B	6065683
Surr: Dibromofluoromethane (79-122%)	110 %					06/27/06 16:52	SW846 8260B	6065683
Surr: Toluene-d8 (78-121%)	106 %					06/27/06 16:52	SW846 8260B	6065683
Surr: 4-Bromofluorobenzene (78-126%)	104 %					06/27/06 16:52	SW846 8260B	6065683

Purgeable Petroleum Hydrocarbons

Gasoline Range Organics	ND		ug/L	50.0	1	06/27/06 16:52	CA LUFT GC/MS	6065683
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Sample ID: NPF2468-05 (MW-5 - Water) Sampled: 06/14/06 12:45

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND		ug/L	0.500	1	06/27/06 03:09	SW846 8260B	6065480
Methyl tert-Butyl Ether	30.4		ug/L	0.500	1	06/27/06 03:09	SW846 8260B	6065480
Ethylbenzene	ND		ug/L	0.500	1	06/27/06 03:09	SW846 8260B	6065480
Toluene	ND		ug/L	0.500	1	06/27/06 03:09	SW846 8260B	6065480
Xylenes, total	ND		ug/L	0.500	1	06/27/06 03:09	SW846 8260B	6065480
Tertiary Butyl Alcohol	4380		ug/L	100	10	06/27/06 18:29	SW846 8260B	6065683
Surr: 1,2-Dichloroethane-d4 (70-130%)	96 %					06/27/06 03:09	SW846 8260B	6065480
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					06/27/06 18:29	SW846 8260B	6065683
Surr: Dibromofluoromethane (79-122%)	106 %					06/27/06 03:09	SW846 8260B	6065480
Surr: Dibromofluoromethane (79-122%)	106 %					06/27/06 18:29	SW846 8260B	6065683
Surr: Toluene-d8 (78-121%)	102 %					06/27/06 03:09	SW846 8260B	6065480
Surr: Toluene-d8 (78-121%)	102 %					06/27/06 18:29	SW846 8260B	6065683
Surr: 4-Bromofluorobenzene (78-126%)	100 %					06/27/06 03:09	SW846 8260B	6065480
Surr: 4-Bromofluorobenzene (78-126%)	98 %					06/27/06 18:29	SW846 8260B	6065683

Purgeable Petroleum Hydrocarbons

Gasoline Range Organics	ND		ug/L	50.0	1	06/27/06 03:09	CA LUFT GC/MS	6065480
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Sample ID: NPF2468-06 (BW-D - Water) Sampled: 06/14/06 12:40

Selected Volatile Organic Compounds by EPA Method 8260B

Benzene	ND		ug/L	0.500	1	06/27/06 17:16	SW846 8260B	6065683
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Client Cambria Env. Tech. (Emeryville) / SHELL (13675)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Anni Kreml

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPF2468-06 (BW-D - Water) - cont. Sampled: 06/14/06 12:40								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Ethylbenzene	ND		ug/L	0.500	1	06/27/06 17:16	SW846 8260B	6065683
Methyl tert-Butyl Ether	18.1		ug/L	0.500	1	06/27/06 17:16	SW846 8260B	6065683
Toluene	ND		ug/L	0.500	1	06/27/06 17:16	SW846 8260B	6065683
Xylenes, total	ND		ug/L	0.500	1	06/27/06 17:16	SW846 8260B	6065683
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					06/27/06 17:16	SW846 8260B	6065683
Surr: Dibromofluoromethane (79-122%)	108 %					06/27/06 17:16	SW846 8260B	6065683
Surr: Toluene-d8 (78-121%)	105 %					06/27/06 17:16	SW846 8260B	6065683
Surr: 4-Bromofluorobenzene (78-126%)	100 %					06/27/06 17:16	SW846 8260B	6065683
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	06/27/06 17:16	CA LUFT GC/MS	6065683

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

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

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

6065480-BLK1

Benzene	<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
Ethylbenzene	<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
Tertiary Butyl Alcohol	<5.06		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: 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: Dibromofluoromethane	110%			6065480	6065480-BLK1	06/27/06 01:07
Surrogate: Toluene-d8	109%			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
Surrogate: 4-Bromofluorobenzene	97%			6065480	6065480-BLK1	06/27/06 01:07

6065683-BLK1

Benzene	<0.200		ug/L	6065683	6065683-BLK1	06/27/06 14:28
Benzene	<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
Ethylbenzene	<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
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
Tertiary Butyl Alcohol	<5.06		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: 1,2-Dichloroethane-d4	96%			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: Dibromofluoromethane	109%			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: Toluene-d8	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
Surrogate: 4-Bromofluorobenzene	100%			6065683	6065683-BLK1	06/27/06 14:28
Surrogate: 4-Bromofluorobenzene	100%			6065683	6065683-BLK1	06/27/06 14:28

Purgeable Petroleum Hydrocarbons

6065480-BLK1

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

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6065480-BLK1						
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
6065683-BLK1						
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: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 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
Volatile Organic Compounds by EPA Method 8260B								
6065480-BS1								
Benzene	50.0	52.9		ug/L	106%	79 - 123	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
Ethylbenzene	50.0	48.1		ug/L	96%	79 - 125	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
Tertiary Butyl Alcohol	500	552		ug/L	110%	42 - 154	6065480	06/26/06 23:54
Surrogate: 1,2-Dichloroethane-d4	50.0	49.3			99%	70 - 130	6065480	06/26/06 23:54
Surrogate: 1,2-Dichloroethane-d4	50.0	49.3			99%	70 - 130	6065480	06/26/06 23:54
Surrogate: Dibromofluoromethane	50.0	51.2			102%	79 - 122	6065480	06/26/06 23:54
Surrogate: Dibromofluoromethane	50.0	51.2			102%	79 - 122	6065480	06/26/06 23:54
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	6065480	06/26/06 23:54
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	6065480	06/26/06 23:54
Surrogate: 4-Bromofluorobenzene	50.0	49.4			99%	78 - 126	6065480	06/26/06 23:54
Surrogate: 4-Bromofluorobenzene	50.0	49.4			99%	78 - 126	6065480	06/26/06 23:54
6065683-BS1								
Benzene	50.0	53.0		ug/L	106%	79 - 123	6065683	06/27/06 13:15
Benzene	50.0	53.0		ug/L	106%	79 - 123	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
Ethylbenzene	50.0	48.5		ug/L	97%	79 - 125	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
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
Tertiary Butyl Alcohol	500	375		ug/L	75%	42 - 154	6065683	06/27/06 13:15
Xylenes, total	150	146		ug/L	97%	79 - 130	6065683	06/27/06 13:15
Surrogate: 1,2-Dichloroethane-d4	50.0	49.0			98%	70 - 130	6065683	06/27/06 13:15
Surrogate: 1,2-Dichloroethane-d4	50.0	49.0			98%	70 - 130	6065683	06/27/06 13:15
Surrogate: 1,2-Dichloroethane-d4	50.0	49.0			98%	70 - 130	6065683	06/27/06 13:15
Surrogate: Dibromofluoromethane	50.0	50.2			100%	79 - 122	6065683	06/27/06 13:15
Surrogate: Dibromofluoromethane	50.0	50.2			100%	79 - 122	6065683	06/27/06 13:15
Surrogate: Dibromofluoromethane	50.0	50.2			100%	79 - 122	6065683	06/27/06 13:15
Surrogate: Toluene-d8	50.0	52.5			105%	78 - 121	6065683	06/27/06 13:15
Surrogate: Toluene-d8	50.0	52.5			105%	78 - 121	6065683	06/27/06 13:15
Surrogate: Toluene-d8	50.0	52.5			105%	78 - 121	6065683	06/27/06 13:15
Surrogate: 4-Bromofluorobenzene	50.0	47.3			95%	78 - 126	6065683	06/27/06 13:15
Surrogate: 4-Bromofluorobenzene	50.0	47.3			95%	78 - 126	6065683	06/27/06 13:15
Surrogate: 4-Bromofluorobenzene	50.0	47.3			95%	78 - 126	6065683	06/27/06 13:15

Purgeable Petroleum Hydrocarbons

6065480-BS1

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

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6065480-BS1								
Gasoline Range Organics	3050	2160		ug/L	71%	67 - 130	6065480	06/26/06 23:54
Surrogate: 1,2-Dichloroethane-d4	50.0	49.3			99%	70 - 130	6065480	06/26/06 23:54
Surrogate: Dibromofluoromethane	50.0	51.2			102%	70 - 130	6065480	06/26/06 23:54
Surrogate: Toluene-d8	50.0	53.0			106%	70 - 130	6065480	06/26/06 23:54
Surrogate: 4-Bromofluorobenzene	50.0	49.4			99%	70 - 130	6065480	06/26/06 23:54
6065683-BS1								
Gasoline Range Organics	3050	2350		ug/L	77%	67 - 130	6065683	06/27/06 13:15
Surrogate: 1,2-Dichloroethane-d4	50.0	49.0			98%	70 - 130	6065683	06/27/06 13:15
Surrogate: Dibromofluoromethane	50.0	50.2			100%	70 - 130	6065683	06/27/06 13:15
Surrogate: Toluene-d8	50.0	52.5			105%	70 - 130	6065683	06/27/06 13:15
Surrogate: 4-Bromofluorobenzene	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: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 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
Volatile Organic Compounds by EPA Method 8260B										
6065480-MS1										
Benzene	ND	62.3		ug/L	50.0	125%	71 - 137	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
Ethylbenzene	ND	54.2		ug/L	50.0	108%	72 - 139	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
Tertiary Butyl Alcohol	ND	626		ug/L	500	125%	19 - 183	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: 1,2-Dichloroethane-d4		50.1		ug/kg	50.0	100%	70 - 130	6065480	NPF2622-01	06/27/06 09:15
Surrogate: Dibromofluoromethane		52.6		ug/kg	50.0	105%	79 - 122	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: Toluene-d8		52.7		ug/kg	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
Surrogate: 4-Bromofluorobenzene		46.1		ug/kg	50.0	92%	78 - 126	6065480	NPF2622-01	06/27/06 09:15
6065683-MS1										
Benzene	0.620	63.8		ug/L	50.0	126%	71 - 137	6065683	NPF2524-01	06/27/06 22:58
Benzene	0.620	63.8		ug/L	50.0	126%	71 - 137	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
Ethylbenzene	ND	55.9		ug/L	50.0	112%	72 - 139	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
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
Tertiary Butyl Alcohol	8.00	612		ug/L	500	121%	19 - 183	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: 1,2-Dichloroethane-d4		52.9		ug/kg	50.0	106%	70 - 130	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/kg	50.0	108%	79 - 122	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: Dibromofluoromethane		53.9		ug/L	50.0	108%	79 - 122	6065683	NPF2524-01	06/27/06 22:58
Surrogate: Toluene-d8		52.4		ug/kg	50.0	105%	78 - 121	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: 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/kg	50.0	92%	78 - 126	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

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

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

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
Volatile Organic Compounds by EPA Method 8260B										
6065683-MS1										
<i>Surrogate: 4-Bromofluorobenzene</i>		46.0		ug/L	50.0	92%	78 - 126	6065683	NPF2524-01	06/27/06 22:58
Purgeable Petroleum Hydrocarbons										
6065480-MS1										
Gasoline Range Organics	ND	2020		ug/L	3050	66%	60 - 140	6065480	NPF2622-01	06/27/06 09:15
<i>Surrogate: 1,2-Dichloroethane-d4</i>		50.1		ug/L	50.0	100%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
<i>Surrogate: Dibromofluoromethane</i>		52.6		ug/L	50.0	105%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
<i>Surrogate: Toluene-d8</i>		52.7		ug/L	50.0	105%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
<i>Surrogate: 4-Bromofluorobenzene</i>		46.1		ug/L	50.0	92%	0 - 200	6065480	NPF2622-01	06/27/06 09:15
6065683-MS1										
Gasoline Range Organics	ND	2870		ug/L	3050	94%	60 - 140	6065683	NPF2524-01	06/27/06 22:58
<i>Surrogate: 1,2-Dichloroethane-d4</i>		52.9		ug/L	50.0	106%	0 - 200	6065683	NPF2524-01	06/27/06 22:58
<i>Surrogate: Dibromofluoromethane</i>		53.9		ug/L	50.0	108%	0 - 200	6065683	NPF2524-01	06/27/06 22:58
<i>Surrogate: Toluene-d8</i>		52.4		ug/L	50.0	105%	0 - 200	6065683	NPF2524-01	06/27/06 22:58
<i>Surrogate: 4-Bromofluorobenzene</i>		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: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 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
Volatile Organic Compounds by EPA Method 8260B												
6065480-MSD1												
Benzene	ND	53.3		ug/L	50.0	107%	71 - 137	16	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
Ethylbenzene	ND	47.3		ug/L	50.0	95%	72 - 139	14	23	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
Tertiary Butyl Alcohol	ND	569		ug/L	500	114%	19 - 183	10	39	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: 1,2-Dichloroethane-d4		50.9		ug/kg	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: Dibromofluoromethane		54.1		ug/kg	50.0	108%	79 - 122			6065480	NPF2622-01	06/27/06 09:40
Surrogate: Toluene-d8		53.6		ug/kg	50.0	107%	78 - 121			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
Surrogate: 4-Bromofluorobenzene		48.5		ug/kg	50.0	97%	78 - 126			6065480	NPF2622-01	06/27/06 09:40
6065683-MSD1												
Benzene	0.620	62.9		ug/L	50.0	125%	71 - 137	1	23	6065683	NPF2524-01	06/27/06 23:22
Benzene	0.620	62.9		ug/L	50.0	125%	71 - 137	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
Ethylbenzene	ND	56.5		ug/L	50.0	113%	72 - 139	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
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
Tertiary Butyl Alcohol	8.00	677		ug/L	500	134%	19 - 183	10	39	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/kg	50.0	101%	70 - 130			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: 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: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122			6065683	NPF2524-01	06/27/06 23:22
Surrogate: Dibromofluoromethane		53.0		ug/kg	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: Toluene-d8		52.9		ug/kg	50.0	106%	78 - 121			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/kg	50.0	98%	78 - 126			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
Surrogate: 4-Bromofluorobenzene		49.2		ug/L	50.0	98%	78 - 126			6065683	NPF2524-01	06/27/06 23:22

Purgeable Petroleum Hydrocarbons

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

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
 Project Number: SAP 135694
 Received: 06/17/06 08:00

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
Purgeable Petroleum Hydrocarbons												
6065480-MSD1												
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
6065683-MSD1												
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)
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Attn Anni Kreml

Work Order: NPF2468
 Project Name: 540 Hegenberger Rd, Oakland, CA
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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)
5900 Hollis Street, Suite A
Emeryville, CA 94608
Attn Anni Kreml

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NELAC CERTIFICATION SUMMARY

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

Method

CA LUFT GC/MS

Matrix

Water

Analyte

Gasoline Range Organics

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

Work Order: NPF2468
Project Name: 540 Hegenberger Rd, Oakland, CA
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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#

NPF2468

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

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)..... WS

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)..... JP

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)..... JP

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)..... JP

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

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

WELL GAUGING DATA

Project # 060614-LC1 Date 6/14/06 Client 98995752

Site 540 Hegenburger Rd. OAKLAND, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2	- pump removed				6.86	22.66		ext
MW-2	2					7.19	19.89		
MW-3	2	blue hose in well				5.68	18.92		ext
MW-4	4					7.63	18.44		
MW-5	4	- gauged w/pump in well				6.10	18.55		ext
BW-D	12					3.86	12.28		Stinger

SHELL WELL MONITORING DATA SHEET

BTS #: 060614-LC	Site: 98995752
Sampler: LC	Date: 6/14/06
Well I.D.: MW-1	Well Diameter: <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8
Total Well Depth (TD): 22.66	Depth to Water (DTW): 7.16.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PYC <input type="checkbox"/> Grade	D.O. Meter (if req'd): <input type="checkbox"/> YSI <input type="checkbox"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.02	

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: _____

2.6 (Gals.) X 3 = 7.8 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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1303	68.0	7.7	1811	>1000	3	
1307	67.3	7.5	2879	>1000	6	
1310	66.6	7.6	2785	>1000	8	

Did well dewater? Yes No Gallons actually evacuated: 8

Sampling Date: 6/14/06 Sampling Time: 1330 Depth to Water: 10.02

Sample I.D.: MW-1 Laboratory: STL Other: TA

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 #: 060614 LC1	Site: 98995752
Sampler: LC	Date: 6/14/06
Well I.D.: MW-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 19.89	Depth to Water (DTW): 7.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>ROD</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.73	

Purge Method: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other:	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other:
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$\frac{2.0 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{6.0 \text{ Gals.}}{\text{Calculated Volume}}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1137	69.0	7.2	1430	379	2	
1140	68.1	7.0	879.3	878	4	
1143	67.4	7.1	761.5	>1000	6	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: 6		
Sampling Date: 6/14/06	Sampling Time: 1200	Depth to Water: 1200 9.73	
Sample I.D.: MW-2	Laboratory: STL	Other: T.A.	
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> TPH-D	Other: <u>TBA</u>		
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060614-2C)	Site: 98995732
Sampler: LC	Date: 6/14/00
Well I.D.: MW-3	Well Diameter: <input checked="" type="radio"/> 2 3 4 6 8 _____
Total Well Depth (TD): 18.42	Depth to Water (DTW): 5.68
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> VC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.23	

Purge Method: <input checked="" type="radio"/> Bailer <input type="radio"/> Disposable Bailer <input type="radio"/> Positive Air Displacement <input type="radio"/> Electric Submersible	Watera <input type="radio"/> Peristaltic <input type="radio"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="radio"/> Bailer <input type="radio"/> Disposable Bailer <input type="radio"/> Extraction Port <input type="radio"/> Dedicated Tubing Other: _____
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2.0 (Gals.) X 3 = 6.0 Gals. 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1211	71.6	7.1	3067	375	2	
1215	69.6	7.0	3792	334	4	
1221	69.2	7.0	3582	313	6	

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: 6	
Sampling Date: 6/14/00	Sampling Time: 1225	Depth to Water: 8.23
Sample I.D.: MW-3	Laboratory: STL	Other: J.A.
Analyzed for: <input checked="" type="radio"/> TPH-G <input checked="" type="radio"/> BTEX <input checked="" type="radio"/> MTBE <input type="radio"/> 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>D60614-LC1</u>	Site: <u>98995752</u>
Sampler: <u>LC</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>18.44</u>	Depth to Water (DTW): <u>7.63</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>9.79</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Water: Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

<u>7.0</u> (Gals.) X <u>3</u> = <u>21.0</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 ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1103</u>	<u>70.5</u>	<u>7.0</u>	<u>4203</u>	<u>84</u>	<u>7</u>	
<u>1105</u>	<u>69.1</u>	<u>7.1</u>	<u>4564</u>	<u>63</u>	<u>14</u>	
<u>1106</u>	<u>68.1</u>	<u>7.1</u>	<u>4785</u>	<u>46</u>	<u>21</u>	

Did well dewater? Yes No Gallons actually evacuated: 21

Sampling Date: 6/14/06 Sampling Time: 1110 Depth to Water: 9.54

Sample I.D.: MW-4 Laboratory: STL T.A.

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>DG0614-LC1</u>	Site: <u>98995752</u>
Sampler: <u>LC</u>	Date: <u>6/14/06</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>18.55</u>	Depth to Water (DTW): <u>6.10</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>NYC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>8.59</u>	

Purge Method: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric <u>Submersible</u>	Waterra Peristaltic Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other: _____
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8.0 (Gals.) X 3 = 24.0 Gals. Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1252</u>	<u>71.9</u>	<u>7.5</u>	<u>680.1</u>	<u>93</u>	<u>8</u>	
			<u>- Deaerated @ 13 gals</u>			
<u>1645</u>	<u>68.3</u>	<u>7.5</u>	<u>1924</u>	<u>76</u>	<u>—</u>	

Did well dewater? Yes No Gallons actually evacuated: 13 gals

Sampling Date: 6/14/06 Sampling Time: 1645 Depth to Water: 11.07 (2+ hrs)

Sample I.D.: MW-5 Laboratory: STL Other: T.A

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 #: 060614-LC1	Site: 9899 5752
Sampler: LC	Date: 6/14/06
Well I.D.: BW-1)	Well Diameter: 2 3 4 6 8 <u>12</u>
Total Well Depth (TD): 12.28	Depth to Water (DTW): 3.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>POE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.54	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Water: Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

49.4 (Gals.) X <u>3</u> = 148.2 Gals.	12" - 5.87
1 Case Volume	Specified Volumes

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1210	72.2	6.7	920.0	12	50	
1220	72.0	6.8	1217	12	100	
1230	72.6	6.7	955.9	12	149	

Did well dewater? Yes No Gallons actually evacuated: 149

Sampling Date: 6/14/06 Sampling Time: 1240 Depth to Water: 3.90

Sample I.D.: DWA-D Laboratory: STL Other: T.A.

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

WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client Shell Date 6/14/08
 Site Address 540 Hezenberger Rd, Oakland
 Job Number 060614-LC1 Technician LC

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X					X				
MW-2	X	X	X							
MW-3	X									
MW-4	✓	X	X							
MW-5	X									
BSW-D	X									

NOTES: _____

Repair Data Sheet

Client Shell Date 5-5-06
 Site Address 540 Hegenberger Rd., Oakland
 Job Number 060505AA3 Technician Andrew Adinolfi

Inspection Point (Well ID or description of location)	Check Indicates deficiency														Well Not Inspected (explain in notes)	Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed	
	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency						Not Securable by Design (greater than 12" diameter)
MW-2														X					X	
Notes: Lid broken, replaced with 12" box and sonotube																				
Notes:																				
Notes:																				
Notes:																				
Notes:																				