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Denis L. Brown

Shell Oil Products US

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

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. 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

February 28, 2007

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

Re: **Groundwater Monitoring Report – Fourth Quarter 2006**
Shell-branded Service Station
540 Hegenberger Road
Oakland, California
SAP Code 135694
Incident No. 98995752
Agency Case No. 0223

Dear Mr. Wickham:

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

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

Sincerely,
Cambria Environmental Technology, Inc.



Ana Friel, PG
Associate Geologist



Enclosure: Groundwater Monitoring Report – Fourth Quarter 2006

cc: Mr. Denis Brown, Shell

GROUNDWATER MONITORING REPORT – FOURTH QUARTER 2006

Site Address	<u>540 Hegenberger Road, Oakland</u>
Site Use	<u>Shell-branded Service Station</u>
Shell Project Manager	<u>Denis Brown</u>
Consultant and Contact Person	<u>Cambria, Ana Friel</u>
Lead Agency and Contact	<u>ACHCSA, Jerry Wickham</u>
Agency Case No.	<u>0223</u>
Shell SAP Code	<u>135694</u>
Shell Incident No.	<u>98995752</u>
Date of Most Recent Agency Correspondence	<u>January 11, 2007</u>

Current Quarter's Activities

1. Blaine Tech Services, Inc. (Blaine) gauged and sampled wells according to the established monitoring program for this site.
2. Cambria prepared a vicinity map (Figure 1) and a groundwater contour and chemical concentration map (Figure 2). The Blaine report, presenting the analytical data, is included in Attachment A.

Current Quarter's Findings

Groundwater Flow Direction	<u>Southeast</u>
Hydraulic Gradient	<u>0.03</u>
Depth to Water	<u>4.00 to 7.81 feet below top of well casing</u>

Proposed Activities for Next Quarter

1. Blaine will gauge and sample wells during the third month of the quarter, according to the established monitoring program for this site.

Discussion

Since the shut down of the groundwater extraction (GWE) system at this site in November 2005, no significant rebound of contaminants has been observed in five post-remediation sample events. In correspondence dated January 11, 2007, Alameda County Environmental Health (ACEH) concurred that further operation of the extraction system at this site would not be necessary. Thus, the permit to operate the GWE system was terminated with East Bay Municipal Water District, effective January 31, 2007. Further, in their January 11, 2007 letter, the ACEH requested that a recommendation for sample frequency reduction be included in this submittal. At this time, we are not recommending any reduction in the sampling frequency at this site because the groundwater flow at this site shows a radial pattern from the UST complex outward, which makes data from each monitoring well useful in observing post-remediation monitoring. Further, given the low and decreasing concentrations of most constituents, an argument for no further action may be submitted later in the year; thus, sampling on the established schedule will be continued.

Figures: 1 - Vicinity Map
 2 - Groundwater Contour and Chemical Concentration Map

Attachment: A - Blaine Tech Services, Inc. - Groundwater Monitoring Report

Cambria Environmental Technology, Inc. (Cambria) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to Cambria from outside sources and/or in the public domain, and partially on information supplied by Cambria and its subcontractors. Cambria makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by Cambria. This document represents the best professional judgment of Cambria. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

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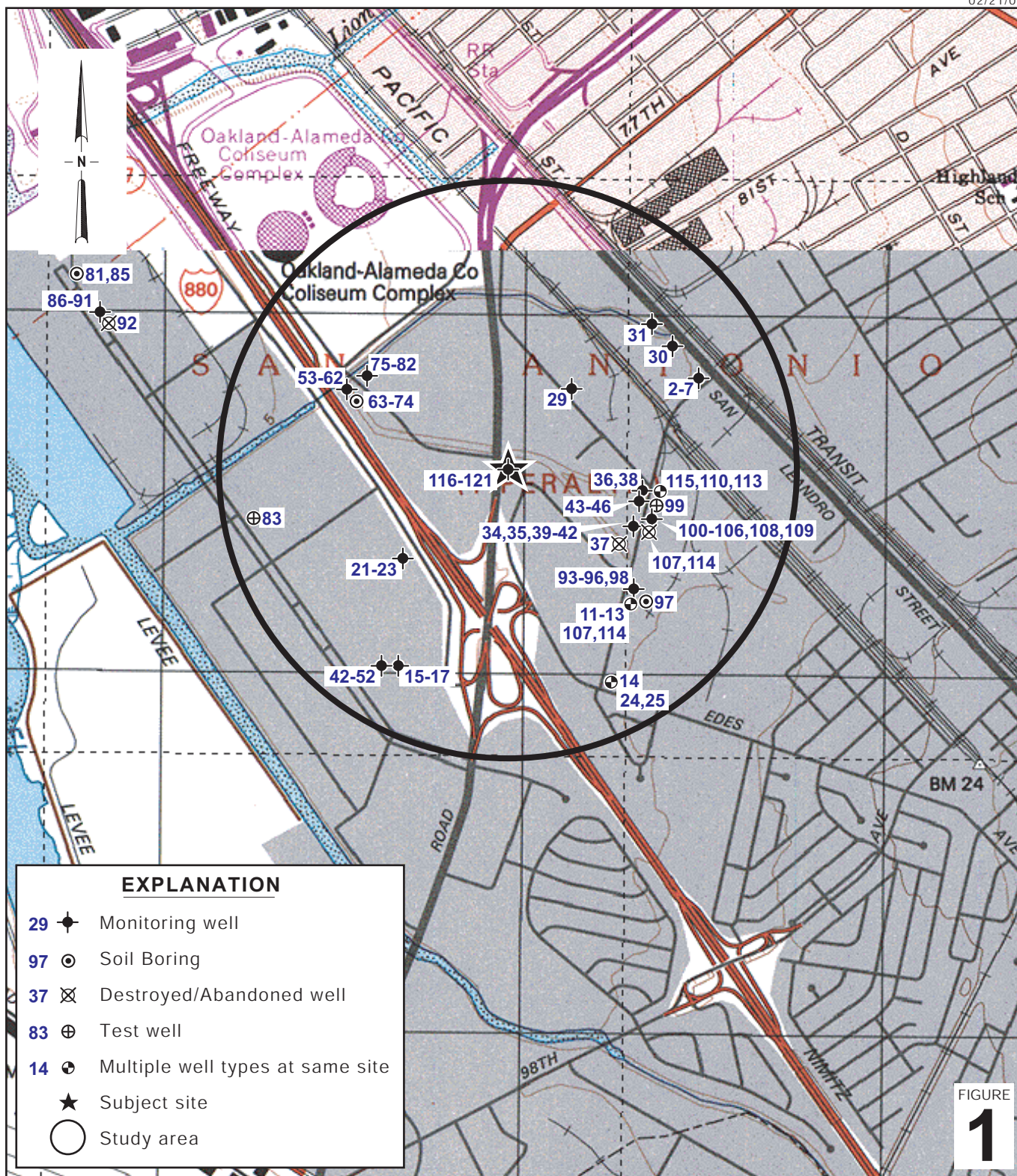


FIGURE 1

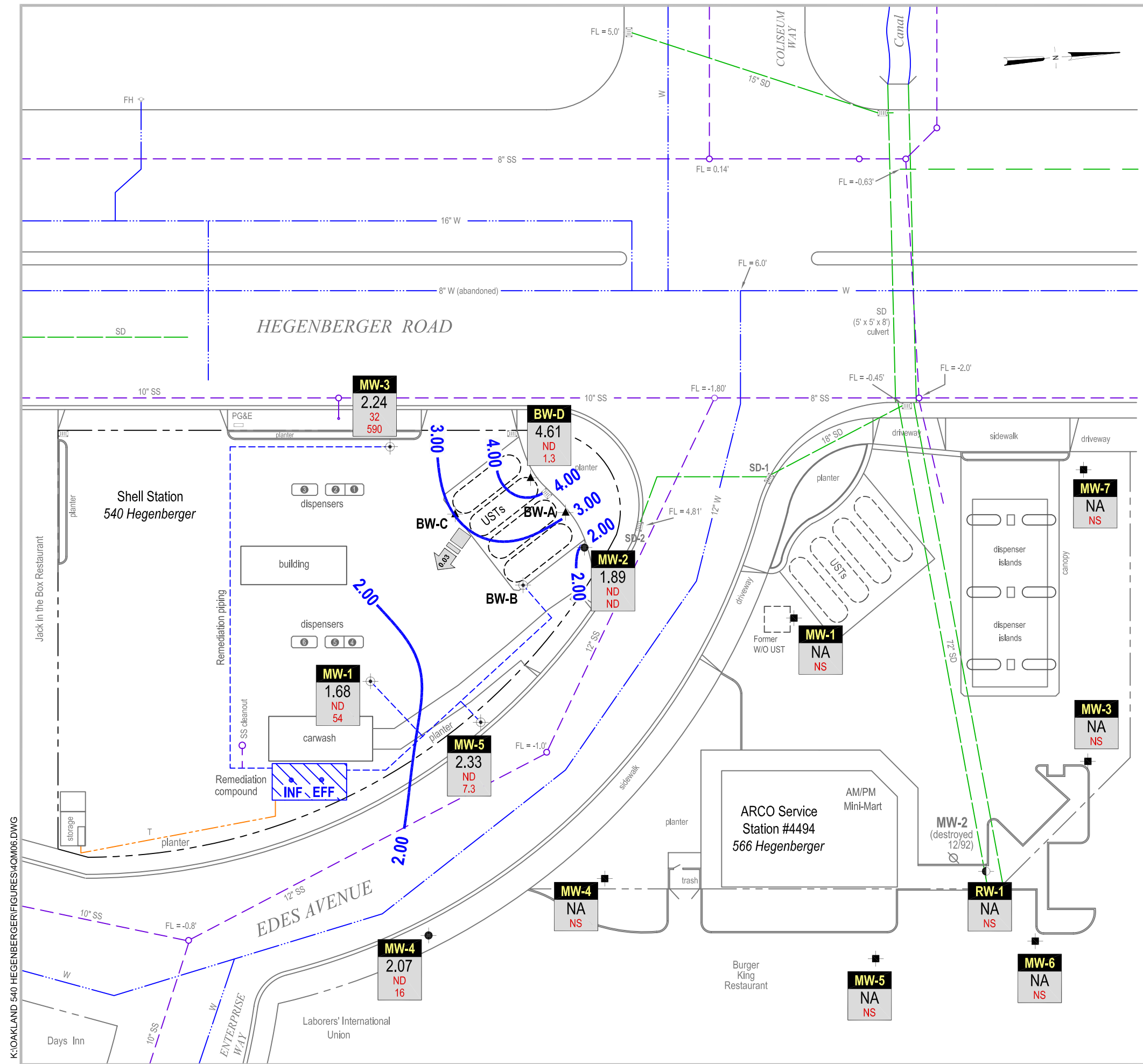
K:\OAKLAND 540 HEGENBERGER\FIGURES\VICINITY.A1

Shell-branded Service Station
 540 Hegenberger Road
 Oakland, California



C A M B R I A

Vicinity Map



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
- XX.XX Groundwater elevation contour, in feet above msl

Well	ELEV	Benzene	MTBE
MW-1	1.68	ND	54
MW-2	1.89	ND	ND
MW-3	2.24	32	590
MW-4	2.07	ND	16
MW-5	2.33	ND	7.3
MW-6	NA	NS	NS
MW-7	NA	NS	NS
BW-A	4.61	ND	1.3
BW-D	4.61	ND	1.3
RW-1	NA	NS	NS

Notes:
 NA = Not available
 ND = Not detected
 NS = Not sampled

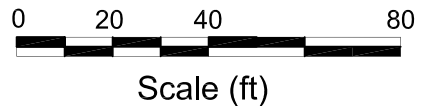
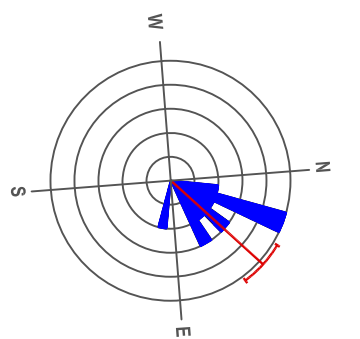


FIGURE
2

K:\OAKLAND 540 HEGENBERGER\FIGURES\4Q\06.DWG



Attachment A

**Blaine Tech Services, Inc.
Groundwater Monitoring Report**

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

December 20, 2006

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

Fourth Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Monitoring performed on November 30, 2006

Groundwater Monitoring Report **061130-DR-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 Manager

MN/ks

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

cc: Ana Friel
Cambria Environmental Technology, Inc.
19449 Riverside Dr., Suite 230
Sonoma, CA 95476

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	115,000 e	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

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	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
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-1	09/27/2006	817	<0.500	<0.500	<0.500	<0.500	NA	122	<0.500	<0.500	<0.500	1,420	<50.0	9.27	7.70	1.57	NA
MW-1	11/30/2006	150	<0.50	<0.50	<0.50	<1.0	NA	54	NA	NA	NA	3,200	NA	9.27	7.59	1.68	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

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-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
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-2	09/27/2006	276	<0.500	<0.500	<0.500	<0.500	NA	5.29	<0.500	<0.500	<0.500	29.9	<50.0	9.19	7.45	1.74	NA
MW-2	11/30/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	9.19	7.30	1.89	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

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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)
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	59,800 e	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	11,800 f	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
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

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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-3	09/27/2006	555	1.70	<0.500	<0.500	<0.500	NA	24.5	<0.500	<0.500	<0.500	1,370	<50.0	8.33	6.11	2.22	NA
MW-3	11/30/2006	990	32	<2.5	8.2	<5.0	NA	590	NA	NA	NA	13,000	NA	8.33	6.09	2.24	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
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

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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-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-4	09/27/2006	426	<0.500	<0.500	<0.500	<0.500	NA	16.5	<0.500	<0.500	<0.500	<10.0	<50.0	9.88	7.87	2.01	NA
MW-4	11/30/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	NA	9.88	7.81	2.07	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
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
MW-5	09/27/2006	528	<0.500	<0.500	<0.500	<0.500	NA	28.6	<0.500	<0.500	<0.500	384	<50.0	9.03	6.94	2.09	NA
MW-5	11/30/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	7.3	NA	NA	NA	380	NA	9.03	6.70	2.33	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

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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
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

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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
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

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	09/22/2004	<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
BW-D	09/27/2006	410	<0.500	<0.500	<0.500	<0.500	NA	2.90	<0.500	<0.500	<0.500	77.6	<50.0	8.61	4.32	4.29	NA
BW-D	11/30/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	1.3	NA	NA	NA	NA	NA	8.61	4.00	4.61	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.

19 December, 2006

Michael Ninokata
Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: 540 Hegenberger Rd, Oakland
Work Order: S612051

Enclosed are the results of analyses for samples received by the laboratory on 12/04/06 19:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sylvia Krenn
Project Manager

CA ELAP Certificate # 2630

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 540 Hegenberger Rd, Oakland Project Number: 98995752 Project Manager: Michael Ninokata	S612051 Reported: 12/19/06 22:28
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	S612051-01	Water	11/30/06 12:05	12/04/06 19:30
MW-2	S612051-02	Water	11/30/06 10:10	12/04/06 19:30
MW-3	S612051-03	Water	11/30/06 11:25	12/04/06 19:30
MW-4	S612051-04	Water	11/30/06 09:40	12/04/06 19:30
MW-5	S612051-05	Water	11/30/06 15:05	12/04/06 19:30
BW-D	S612051-06	Water	11/30/06 11:05	12/04/06 19:30

Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 540 Hegenberger Rd, Oakland
Project Number: 98995752
Project Manager: Michael Ninokata

S612051
Reported:
12/19/06 22:28

Gasoline\BTEX\Oxygenates by GCMS\8260B
TestAmerica - Sacramento, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

MW-1 (S612051-01) Water Sampled: 11/30/06 12:05 Received: 12/04/06 19:30

Methyl tert-butyl ether	54	0.50		ug/l	1	6120092	12/07/06	12/07/06	GCMS \ 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	150	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		94 %		60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %		60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %		60-140		"	"	"	"	

MW-1 (S612051-01RE1) Water Sampled: 11/30/06 12:05 Received: 12/04/06 19:30

Tert-butyl alcohol	3200	25		ug/l	5	6120092	12/08/06	12/08/06	GCMS \ 8260B	
<i>Surrogate: 1,2-DCA-d4</i>		94 %		60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		109 %		60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %		60-140		"	"	"	"	

MW-2 (S612051-02) Water Sampled: 11/30/06 10:10 Received: 12/04/06 19:30

Tert-butyl alcohol	ND	5.0		ug/l	1	6120092	12/07/06	12/07/06	GCMS \ 8260B	
Methyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Benzene	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		98 %		60-140		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %		60-140		"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %		60-140		"	"	"	"	

Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 540 Hegenberger Rd, Oakland
Project Number: 98995752
Project Manager: Michael Ninokata

S612051
Reported:
12/19/06 22:28

Gasoline\BTEX\Oxygenates by GCMS\8260B
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (S612051-03) Water Sampled: 11/30/06 11:25 Received: 12/04/06 19:30									
Methyl tert-butyl ether	590	2.5	ug/l	5	6120092	12/07/06	12/07/06	GCMS \ 8260B	
Benzene	32	2.5	"	"	"	"	"	"	
Ethylbenzene	8.2	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	990	250	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		98 %		60-140	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %		60-140	"	"	"	"	
<i>Surrogate: 4-BFB</i>		101 %		60-140	"	"	"	"	
MW-3 (S612051-03RE1) Water Sampled: 11/30/06 11:25 Received: 12/04/06 19:30									
Tert-butyl alcohol	13000	120	ug/l	25	6120110	12/11/06	12/11/06	GCMS \ 8260B	
<i>Surrogate: 1,2-DCA-d4</i>		91 %		60-140	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %		60-140	"	"	"	"	
<i>Surrogate: 4-BFB</i>		101 %		60-140	"	"	"	"	
MW-4 (S612051-04) Water Sampled: 11/30/06 09:40 Received: 12/04/06 19:30									
Methyl tert-butyl ether	16	0.50	ug/l	1	6120092	12/07/06	12/07/06	GCMS \ 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		99 %		60-140	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		108 %		60-140	"	"	"	"	
<i>Surrogate: 4-BFB</i>		101 %		60-140	"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 540 Hegenberger Rd, Oakland Project Number: 98995752 Project Manager: Michael Ninokata	S612051 Reported: 12/19/06 22:28
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Gasoline\BTEX\Oxygenates by GCMS\8260B
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-5 (S612051-05) Water **Sampled: 11/30/06 15:05** **Received: 12/04/06 19:30**

Tert-butyl alcohol	380	5.0	ug/l	1	6120092	12/07/06	12/07/06	GCMS \ 8260B	
Methyl tert-butyl ether	7.3	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		99 %		60-140	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %		60-140	"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %		60-140	"	"	"	"	

BW-D (S612051-06) Water **Sampled: 11/30/06 11:05** **Received: 12/04/06 19:30**

Methyl tert-butyl ether	1.3	0.50	ug/l	1	6120092	12/07/06	12/07/06	GCMS \ 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		98 %		60-140	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		107 %		60-140	"	"	"	"	
<i>Surrogate: 4-BFB</i>		101 %		60-140	"	"	"	"	

Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 540 Hegenberger Rd, Oakland
Project Number: 98995752
Project Manager: Michael Ninokata

S612051
Reported:
12/19/06 22:28

Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6120092 - EPA 5030B [P/T] / GCMS \ 8260B

Blank (6120092-BLK1)

Prepared & Analyzed: 12/07/06

Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-DCA-d4</i>	23.9		"	25.0		96	60-140			
<i>Surrogate: Toluene-d8</i>	26.7		"	25.0		107	60-140			
<i>Surrogate: 4-BFB</i>	25.4		"	25.0		102	60-140			

Blank (6120092-BLK2)

Prepared & Analyzed: 12/08/06

Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-DCA-d4</i>	23.6		"	25.0		94	60-140			
<i>Surrogate: Toluene-d8</i>	26.8		"	25.0		107	60-140			
<i>Surrogate: 4-BFB</i>	25.9		"	25.0		104	60-140			

Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 540 Hegenberger Rd, Oakland
Project Number: 98995752
Project Manager: Michael Ninokata

S612051
Reported:
12/19/06 22:28

Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6120092 - EPA 5030B [P/T] / GCMS \ 8260B

Laboratory Control Sample (6120092-BS1) Prepared & Analyzed: 12/07/06

Methyl tert-butyl ether	35.2	0.50	ug/l	52.0	68	60-140				
Toluene	156	0.50	"	188	83	70-130				
Gasoline Range Organics (C4-C12)	2190	50	"	2200	100	70-130				
<i>Surrogate: 1,2-DCA-d4</i>	24.0		"	25.0	96	60-140				
<i>Surrogate: Toluene-d8</i>	26.3		"	25.0	105	60-140				
<i>Surrogate: 4-BFB</i>	25.0		"	25.0	100	60-140				

Laboratory Control Sample (6120092-BS2) Prepared & Analyzed: 12/07/06

Benzene	20.2	0.50	ug/l	20.0	101	70-130				
<i>Surrogate: 1,2-DCA-d4</i>	27.1		"	25.0	108	60-140				
<i>Surrogate: Toluene-d8</i>	25.0		"	25.0	100	60-140				
<i>Surrogate: 4-BFB</i>	24.2		"	25.0	97	60-140				

Laboratory Control Sample (6120092-BS3) Prepared & Analyzed: 12/08/06

Toluene	148	0.50	ug/l	188	79	70-130				
Gasoline Range Organics (C4-C12)	2130	50	"	2200	97	70-130				
<i>Surrogate: 1,2-DCA-d4</i>	23.3		"	25.0	93	60-140				
<i>Surrogate: Toluene-d8</i>	25.6		"	25.0	102	60-140				
<i>Surrogate: 4-BFB</i>	25.2		"	25.0	101	60-140				

Laboratory Control Sample (6120092-BS4) Prepared & Analyzed: 12/08/06

Methyl tert-butyl ether	17.6	0.50	ug/l	20.0	88	60-140				
Benzene	20.2	0.50	"	20.0	101	70-130				
<i>Surrogate: 1,2-DCA-d4</i>	25.6		"	25.0	102	60-140				
<i>Surrogate: Toluene-d8</i>	24.9		"	25.0	100	60-140				
<i>Surrogate: 4-BFB</i>	25.0		"	25.0	100	60-140				

Matrix Spike (6120092-MS1) Prepared & Analyzed: 12/08/06 Source: S612050-01

Methyl tert-butyl ether	72.0	0.50	ug/l	52.0	38.3	65	60-140			
Benzene	96.4	0.50	"	38.8	72.2	62	70-130			M8
Toluene	152	0.50	"	188	5.92	78	70-130			
Gasoline Range Organics (C4-C12)	2820	50	"	2200	685	97	60-140			
<i>Surrogate: 1,2-DCA-d4</i>	24.6		"	25.0	98	60-140				
<i>Surrogate: Toluene-d8</i>	25.4		"	25.0	102	60-140				
<i>Surrogate: 4-BFB</i>	25.7		"	25.0	103	60-140				

Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 540 Hegenberger Rd, Oakland
Project Number: 98995752
Project Manager: Michael Ninokata

S612051
Reported:
12/19/06 22:28

Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6120092 - EPA 5030B [P/T] / GCMS \ 8260B

Matrix Spike Dup (6120092-MSD1)	Source: S612050-01			Prepared & Analyzed: 12/08/06						
Methyl tert-butyl ether	68.1	0.50	ug/l	52.0	38.3	57	60-140	6	25	M8
Benzene	94.4	0.50	"	38.8	72.2	57	70-130	2	25	M8
Toluene	153	0.50	"	188	5.92	78	70-130	0.7	25	
Gasoline Range Organics (C4-C12)	2800	50	"	2200	685	96	60-140	0.7	25	
Surrogate: 1,2-DCA-d4	23.8		"	25.0		95	60-140			
Surrogate: Toluene-d8	25.8		"	25.0		103	60-140			
Surrogate: 4-BFB	26.2		"	25.0		105	60-140			

Batch 6120110 - EPA 5030B [P/T] / GCMS \ 8260B

Blank (6120110-BLK1)	Prepared: 12/08/06 Analyzed: 12/09/06									
Tert-butyl alcohol	ND	5.0	ug/l							
Methyl tert-butyl ether	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	23.6		"	25.0		94	60-140			
Surrogate: Toluene-d8	27.6		"	25.0		110	60-140			
Surrogate: 4-BFB	26.5		"	25.0		106	60-140			

Blank (6120110-BLK2)	Prepared & Analyzed: 12/11/06									
Tert-butyl alcohol	ND	5.0	ug/l							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	22.7		"	25.0		91	60-140			
Surrogate: Toluene-d8	27.1		"	25.0		108	60-140			
Surrogate: 4-BFB	25.5		"	25.0		102	60-140			

Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 540 Hegenberger Rd, Oakland
Project Number: 98995752
Project Manager: Michael Ninokata

S612051
Reported:
12/19/06 22:28

Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6120110 - EPA 5030B [P/T] / GCMS \ 8260B

Laboratory Control Sample (6120110-BS1)

Prepared: 12/08/06 Analyzed: 12/09/06

Toluene	151	0.50	ug/l	188		80	70-130			
Gasoline Range Organics (C4-C12)	2110	50	"	2200		96	70-130			
Surrogate: 1,2-DCA-d4	24.0		"	25.0		96	60-140			
Surrogate: Toluene-d8	26.4		"	25.0		106	60-140			
Surrogate: 4-BFB	25.5		"	25.0		102	60-140			

Laboratory Control Sample (6120110-BS2)

Prepared: 12/08/06 Analyzed: 12/09/06

Methyl tert-butyl ether	16.7	0.50	ug/l	20.0		84	60-140			
Benzene	19.6	0.50	"	20.0		98	70-130			
Surrogate: 1,2-DCA-d4	25.4		"	25.0		102	60-140			
Surrogate: Toluene-d8	25.6		"	25.0		102	60-140			
Surrogate: 4-BFB	25.7		"	25.0		103	60-140			

Laboratory Control Sample (6120110-BS3)

Prepared & Analyzed: 12/11/06

Toluene	142	0.50	ug/l	188		76	70-130			
Gasoline Range Organics (C4-C12)	2010	50	"	2200		91	70-130			
Surrogate: 1,2-DCA-d4	22.5		"	25.0		90	60-140			
Surrogate: Toluene-d8	26.4		"	25.0		106	60-140			
Surrogate: 4-BFB	25.4		"	25.0		102	60-140			

Laboratory Control Sample (6120110-BS4)

Prepared & Analyzed: 12/11/06

Methyl tert-butyl ether	16.7	0.50	ug/l	20.0		84	60-140			
Benzene	19.7	0.50	"	20.0		98	70-130			
Surrogate: 1,2-DCA-d4	23.9		"	25.0		96	60-140			
Surrogate: Toluene-d8	26.3		"	25.0		105	60-140			
Surrogate: 4-BFB	24.7		"	25.0		99	60-140			

Matrix Spike (6120110-MS1)

Source: S612056-01

Prepared: 12/08/06 Analyzed: 12/09/06

Methyl tert-butyl ether	280	0.50	ug/l	52.0	255	48	60-140			M8
Benzene	22.8	0.50	"	38.8	ND	59	70-130			M8
Toluene	155	0.50	"	188	ND	82	70-130			
Gasoline Range Organics (C4-C12)	2330	50	"	2200	246	95	60-140			
Surrogate: 1,2-DCA-d4	23.8		"	25.0		95	60-140			
Surrogate: Toluene-d8	26.5		"	25.0		106	60-140			
Surrogate: 4-BFB	24.8		"	25.0		99	60-140			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 540 Hegenberger Rd, Oakland Project Number: 98995752 Project Manager: Michael Ninokata	S612051 Reported: 12/19/06 22:28
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Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6120110 - EPA 5030B [P/T] / GCMS \ 8260B

Matrix Spike Dup (6120110-MSD1)	Source: S612056-01			Prepared: 12/08/06 Analyzed: 12/09/06						
Methyl tert-butyl ether	251	0.50	ug/l	52.0	255	0	60-140	11	25	M8
Benzene	22.8	0.50	"	38.8	ND	59	70-130	0	25	M8
Toluene	151	0.50	"	188	ND	80	70-130	3	25	
Gasoline Range Organics (C4-C12)	2190	50	"	2200	246	88	60-140	6	25	
Surrogate: 1,2-DCA-d4	24.6		"	25.0		98	60-140			
Surrogate: Toluene-d8	26.3		"	25.0		105	60-140			
Surrogate: 4-BFB	25.6		"	25.0		102	60-140			

Blaine Tech Services (Shell)
1680 Rogers Avenue
San Jose CA, 95112

Project: 540 Hegenberger Rd, Oakland
Project Number: 98995752
Project Manager: Michael Ninokata

S612051
Reported:
12/19/06 22:28

Notes and Definitions

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

- LAB: TA - Irvine, California
 TA - Morgan Hill, California
 TA - Sacramento, California
 TA - Nashville, Tennessee
 Calscience
 Other



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

INCIDENT # (ES ONLY)

ENVIRONMENTAL SERVICES

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

9 8 9 9 5 7 5 2

DATE: 11/30/06

NETWORK DEV / FE

BILL CONSULTANT

PO #

SAP or CRMT #

PAGE: 1 of 1

COMPLIANCE

RMT/CRMT

SAMPLING COMPANY: Blaine Tech Services
 LOG CODE: BTSS
 SITE ADDRESS: Street and City: 540 Hegenberger Rd., Oakland
 State: CA
 GLOBAL ID NO.: T0600102123
 ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112
 EDF DELIVERABLE TO (Name, Company, Office Location): Ana Friel, Cambria, Eureka Office
 PHONE NO.: (707) 268-3812
 E-MAIL: sonomaedf@cambria-env.com
 CONSULTANT PROJECT NO.: BTS #061130-D12
 PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
 SAMPLER NAME(S) (Print): D. Royval
 TELEPHONE: 408-573-0555
 FAX: 408-573-7771
 E-MAIL: mninokata@blainetech.com
 LAB USE ONLY

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

REQUESTED ANALYSIS

5/12/05/1

LA - RWQCB REPORT FORMAT UST AGENCY:
 SPECIAL INSTRUCTIONS OR NOTES:
 EDD NOT NEEDED
 SHELL CONTRACT RATE APPLIES
 STATE REIMB RATE APPLIES
 RECEIPT VERIFICATION REQUESTED

FIELD NOTES:
 Container/Preservative
 or PID Readings
 or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C°
		DATE	TIME																
	MW-1	11/30/06	1205	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	
	MW-2		1010	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	
	MW-3		1125	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	
	MW-4		0940	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	
	MW-5		1505	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	
	Blw-D		1105	W	3	X	X	X	X	X	X	X	X	X	X	X	X	X	

Relinquished by: (Signature) [Signature] Received by: (Signature) [Signature]
 Date: 11/30/06 Time: 1555
 Relinquished by: (Signature) [Signature] Received by: (Signature) [Signature]
 Date: 12/1/06 Time: 1607
 Relinquished by: (Signature) [Signature] Received by: (Signature) [Signature]
 Date: 12/1/06 Time: 1655

12-4-06 17-U-NA
 05/02/06 Revision 1570 1936

WELL GAUGING DATA

Project # 061130-DR2 Date 11/30/06 Client 98995252

Site 540 Hegenburger Rd. Oakland CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or <u>TOC</u>	Notes
Mw-1	0859	2					7.59	22.66	↓	ext 4
Mw-2	909	2				7.30	19.90	1		
Mw-3	920	2				6.09	18.40	ext. 3		
Mw-4	925	4				7.81	18.43	To. 4		
Mw-5	0904	4				6.70	18.55	ext. 5		
BW-D	914	12				4.00	12.28	↓	stinger 2	

SHELL WELL MONITORING DATA SHEET

BTS #: 061130-DR2	Site: 98995752
Sampler: DR	Date: 11/30/06
Well I.D.: MW-1	Well Diameter: <u>3</u> 3 4 6 8
Total Well Depth (TD): 22.66	Depth to Water (DTW): 7.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.60	

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

$2.4 \text{ (Gals.)} \times 3 = 7.2 \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1138	63.6	7.4	4985	3108 DR	2.4	cloudy
1142	63.9	7.3	5592	2299 DR	4.8	
1146	64.2	7.2	5907	376 DR	7.2	

Did well dewater? Yes No Gallons actually evacuated: 7.2

Sampling Date: 11/30/06 Sampling Time: 1205 Depth to Water: 10.60

Sample I.D.: MW-1 Laboratory: STL Other: 7A

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

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

