Denis L. Brown

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

May 5, 2006

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

Re: First Quarter 2006 Monitoring Report
Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
SAP Code 135676
Incident No. 98995741

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Sr. Environmental Engineer

CAMBRIA

May 5, 2006

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

Re: **First Quarter 2006 Groundwater Monitoring Report**
Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
SAP Code 135676
Incident # 98995741
Cambria Project 248-0902-002
ACEH Case No. RO0000303

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.

FIRST QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells, calculated groundwater elevations, and compiled the analytical data. Cambria coordinated groundwater monitoring with the adjacent Oakland Auto Works site at 240 West MacArthur. Cambria prepared a site vicinity map that includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the analytical laboratory reports, is included as Attachment A. Attachment B includes data that Stellar Environmental Solutions of Berkeley, California provided for 240 West MacArthur.

Additional Lead Scavenger Analysis: As requested by Alameda County Health Care Services Agency (ACHCSA) in a January 20, 2006 letter to Shell, all samples were also analyzed for the lead scavengers 1,2-dichloroethane and 1,2-dibromoethane. Neither of the additional target analytes was detected in the groundwater samples.

Cambria Environmental Technology, Inc.

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

Subsurface Investigation: On January 4, 2006, Cambria submitted a work plan to ACHCSA proposing the advancement of one off-site and five on-site borings to investigate the vertical and lateral extent of petroleum hydrocarbons in soil and groundwater. In addition, the work plan proposed installing groundwater monitoring wells at two of the boring locations. ACHCSA approved the scope of work in the January 20, 2006 letter to Shell.

ANTICIPATED FUTURE ACTIVITIES

Subsurface Investigation: Between April 4 and April 6, 2006 Cambria performed the investigation proposed in the January 4, 2006 work plan. Due to its proximity to underground utilities, boring SB-9 was not completed and no monitoring well was installed at the proposed location. Monitoring well MW-5 was installed at location SB-8 as proposed. A report summarizing the investigation will be submitted under separate cover during second quarter 2006.

Groundwater Monitoring: In its September 23, 2005 *Site Conceptual Model,* Cambria recommended semi-annual sampling and gauging of all site wells during the first and third quarters. ACHCSA concurred with the recommended sampling schedule in the January 20, 2006 letter to Shell. However, at Shell's request, newly installed monitoring well MW-5 will be sampled during second quarter 2006 and then quarterly for at least four consecutive quarters. The next sampling event is scheduled for second quarter 2006. Blaine will gauge and sample MW-5. The next scheduled site-wide sampling event is scheduled for third quarter 2006. At that time, Blaine will gauge and sample all wells and tabulate the data, including the second quarter data for monitoring well MW-5. Cambria will coordinate monitoring during third quarter 2006 with the adjacent Oakland Auto Works site at 240 West MacArthur Boulevard. Cambria will prepare a monitoring report that includes a groundwater contour map based on the coordinated monitoring data.

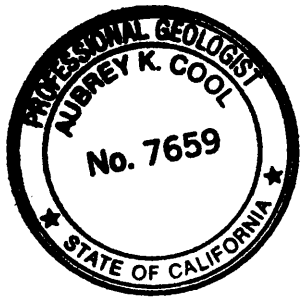
CLOSING

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

Sincerely,
Cambria Environmental Technology, Inc

David M. Gibbs, P.G.
Project Geologist

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



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

Attachments: A - Blaine Groundwater Monitoring Report
B - Groundwater Monitoring Data – 240 West MacArthur

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Bruce Ruttger, Stellar Environmental Solutions, 2198 6th Street, Berkeley, CA 94710

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05/05/06

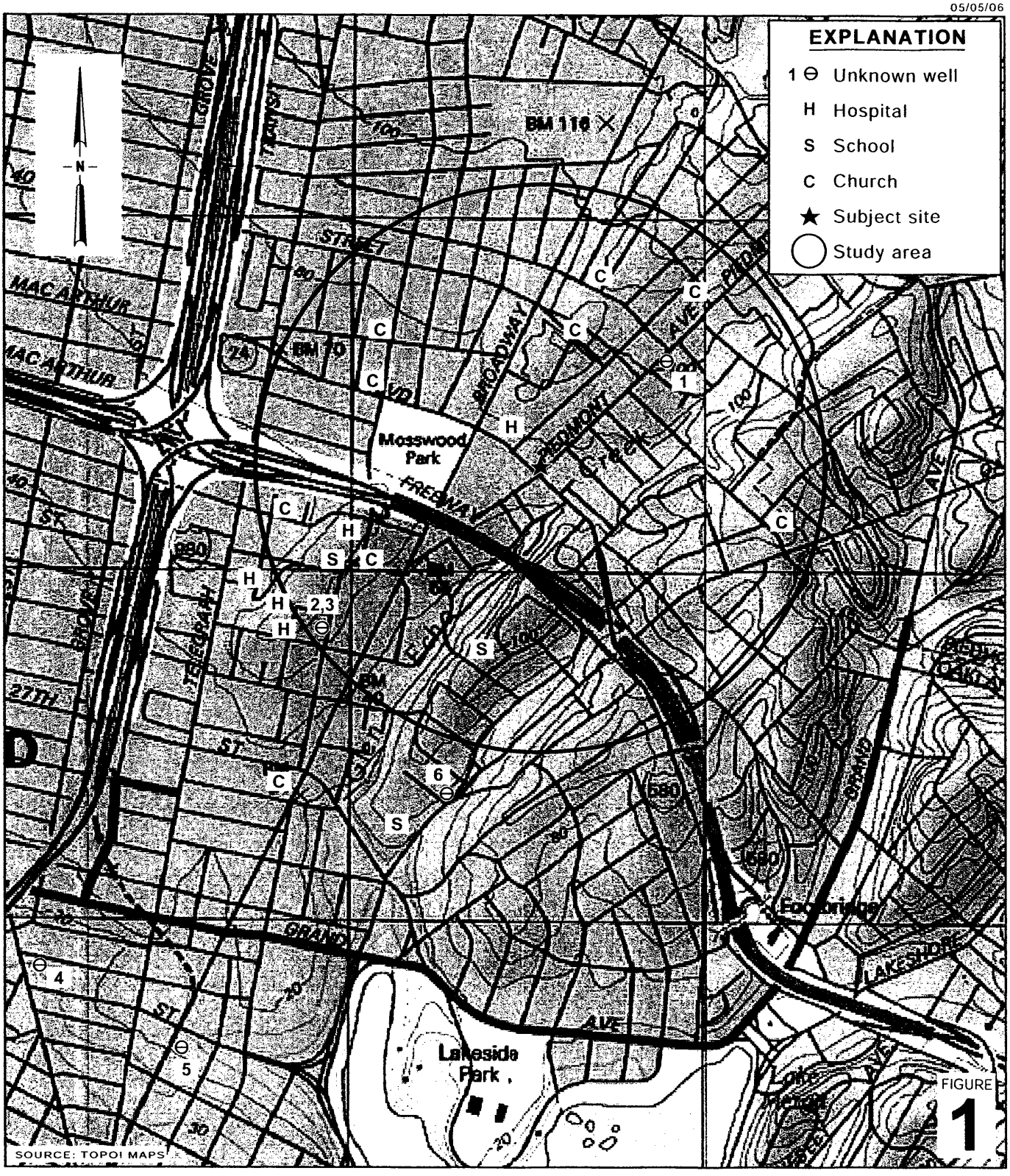

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.9899574

CAMBRIA

Site Vicinity and Area Well Survey Map
(1/2-Mile Radius)

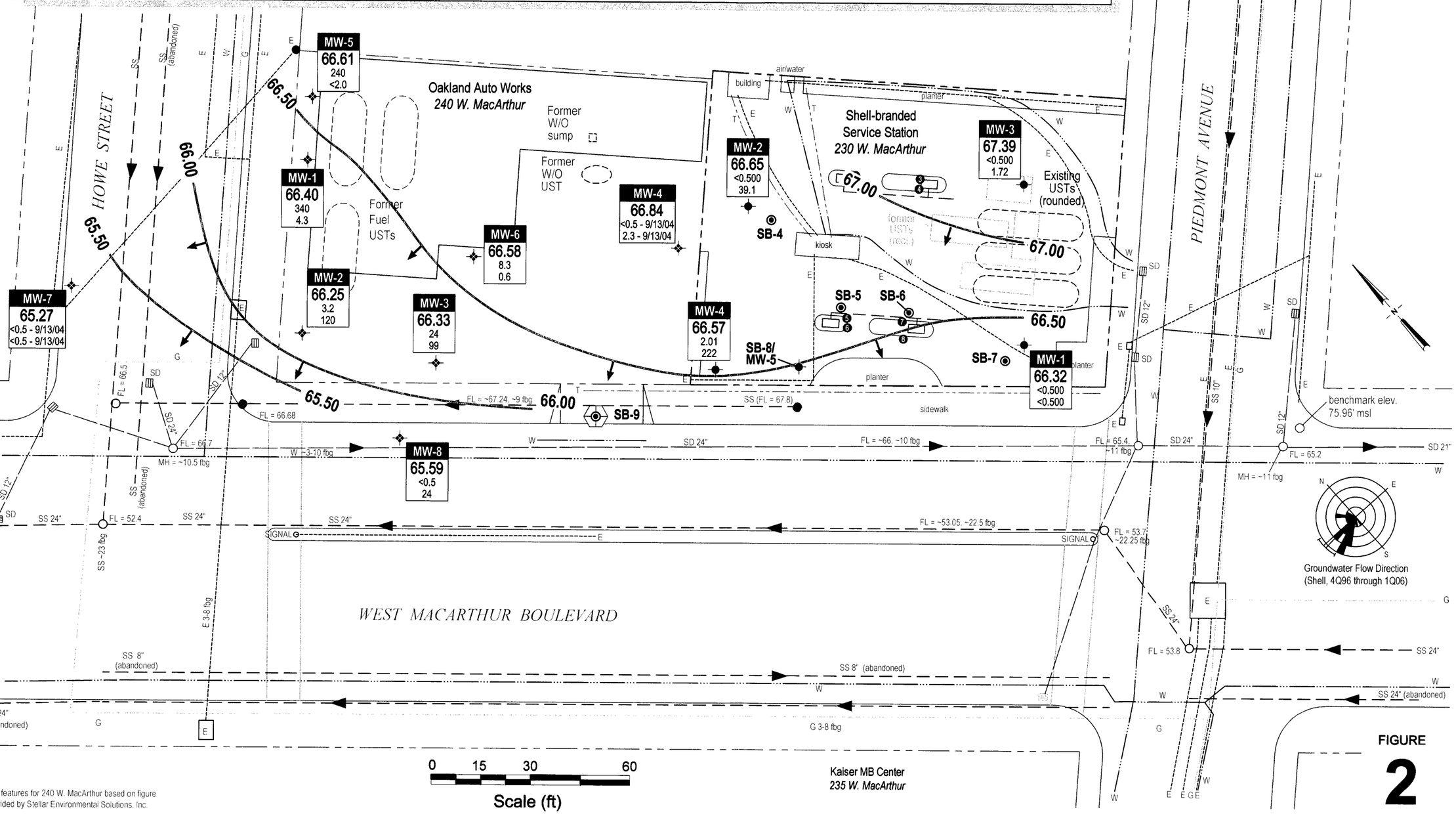
04/26/06

Groundwater Elevation Contour Map

March 30, 2006

EXPLANATION

- SB-4 — Soil boring location (4/4-6/06)
- SB-9 — Proposed soil boring location, uncompleted
- MW-1 — Monitoring well location (Shell, 7/11-12/88)
- MW-1 — Monitoring well location (240 W. MacArthur)
- Storm drain line (SD)
- Sanitary sewer line (SS)
- Water line (W)
- Gas line (G)
- Electrical line (E)
- Telecommunications line (T)
- Flow direction
- Storm drain inlet
- FL — Flow line elevation, in feet above mean sea level
- fbg — Feet below grade
- ❶ — Product dispenser number
- Groundwater flow direction
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred
- Well designation
- ELEV — Groundwater elevation, in feet above msl
- Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260



0 15 30 60

Scale (ft)

Site features for 240 W. MacArthur based on figure provided by Stellar Environmental Solutions, Inc.

G:\OAKLAND 230 W. MACARTHUR\FIGURES\1QM06.DWG

Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, California
Incident No.98995741

CAMBRIA

FIGURE
2

ATTACHMENT A

Blaine Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

April 25, 2006

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

First Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
230 West MacArthur Boulevard
Oakland, CA

Monitoring performed on March 30, 2006

Groundwater Monitoring Report **060330-SL-2**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
230 West MacArthur Boulevard
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)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	07/14/1988	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.30	60.59
MW-1	10/04/1988	ND	8	4.3	ND	9	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.65	60.24
MW-1	11/10/1988	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.55	60.34
MW-1	12/09/1988	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.22	60.67
MW-1	01/10/1989	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.86	61.03
MW-1	01/20/1989	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.91	60.98
MW-1	02/06/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.94	60.95
MW-1	03/10/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.59	61.30
MW-1	06/06/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.05	59.84
MW-1	09/07/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.92	58.97
MW-1	12/18/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.88	59.01
MW-1	03/08/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.08	59.81
MW-1	06/07/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.89	60.00
MW-1	09/05/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.83	59.06
MW-1	12/03/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	15.05	58.84
MW-1	03/01/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.34	59.55
MW-1	06/03/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.16	59.73
MW-1	09/04/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.60	59.29
MW-1	03/13/1992	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.40	60.49
MW-1	06/03/1992	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.76	60.13
MW-1	08/19/1992	87	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.57	59.32
MW-1	11/16/1992	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.78	59.11
MW-1	02/18/1993	59 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.14	61.75
MW-1	06/01/1993	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.30	60.59
MW-1	08/30/1993	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.32	59.57
MW-1	12/13/1993	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.06	59.83
MW-1	03/03/1994	100	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.12	60.77

WELL CONCENTRATIONS
Shell-branded Service Station
230 West MacArthur Boulevard
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)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	06/06/1994	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.20	59.69
MW-1	09/12/1994	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	15.72	58.17
MW-1	12/15/1994	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.98	60.91
MW-1	3/13/1995 b	60	4.7	9.8	ND	2.9	NA	NA	NA	NA	NA	NA	NA	NA	73.89	11.74	62.15
MW-1	04/21/1995	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	NA	NA
MW-1	06/26/1995	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.00	60.89
MW-1	09/12/1995	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.89	14.14	59.75
MW-1	03/21/1996	<50	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	NA	NA	NA	NA	NA	73.89	11.03	62.86
MW-1	06/28/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	73.89	13.53	60.36
MW-1	09/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	73.89	14.33	59.56
MW-1	12/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.20	60.69
MW-1	12/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.39	61.50
MW-1	12/24/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.59	60.30
MW-1	12/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	15.63	58.26
MW-1	12/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	15.36	58.53
MW-1	12/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.09	61.80
MW-1	03/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	12.33	61.56
MW-1	03/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	73.89	12.08	61.81
MW-1	06/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.89	13.47	60.42
MW-1	09/09/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	14.30	62.62
MW-1	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	14.48	62.44
MW-1	03/10/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	76.92	12.76	64.16
MW-1	06/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	13.17	63.75
MW-1	09/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	14.10	62.82
MW-1	12/03/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	13.93	62.99
MW-1	03/11/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	76.92	12.04	64.88
MW-1	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	13.75	63.17
MW-1	09/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	14.47	62.45

WELL CONCENTRATIONS
Shell-branded Service Station
230 West MacArthur Boulevard
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)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/07/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	13.04	63.88
MW-1	03/03/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	76.92	11.31	65.61
MW-1	06/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	11.87	65.05
MW-1	09/19/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.92	13.91	63.01
MW-1	**03/30/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**NA**	**NA**	**NA**	**NA**	**<0.500**	**<0.500**	**76.92**	**10.60**	**66.32**
MW-2	07/14/1988	ND	7.9	2.6	1.1	4	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.18	60.06
MW-2	10/04/1988	90	ND	1.3	2.3	12	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.30	59.94
MW-2	11/10/1988	ND	ND	ND	ND	2	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.17	60.07
MW-2	12/09/1988	ND	ND	0.6	ND	3	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.82	60.42
MW-2	01/20/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.54	60.70
MW-2	02/06/1989	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.59	60.65
MW-2	03/10/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.88	60.36
MW-2	06/06/1989	ND	ND	0.5	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.30	59.94
MW-2	09/07/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.76	58.48
MW-2	12/18/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.65	58.59
MW-2	03/08/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.92	59.32
MW-2	06/07/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.10	59.14
MW-2	09/05/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.61	58.63
MW-2	12/03/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	17.06	58.18
MW-2	03/01/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.62	58.62
MW-2	06/03/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.65	58.59
MW-2	09/04/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.57	58.67
MW-2	03/13/1992	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.66	60.58
MW-2	06/03/1992	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.90	59.34
MW-2	08/19/1992	67	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.72	58.52
MW-2	11/16/1992	50	ND	ND	ND	1.2	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.66	58.58
MW-2	02/18/1993	52 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	13.88	61.36

WELL CONCENTRATIONS
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230 West MacArthur Boulevard
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)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2 (D)	02/18/1993	52 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	13.88	61.36
MW-2	06/01/1993	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.74	60.50
MW-2	08/30/1993	70 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.85	59.39
MW-2	12/13/1993	68 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.83	59.41
MW-2	03/03/1994	280 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.80	60.44
MW-2	06/06/1994	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.65	58.59
MW-2	09/12/1994	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.72	58.52
MW-2	12/15/1994	230 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.25	59.99
MW-2	03/13/1995	ND	2.9	6.3	ND	2.7	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.32	59.92
MW-2	04/21/1995	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	NA	NA
MW-2	06/26/1995	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.65	60.59
MW-2	09/12/1995	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.78	59.46
MW-2	03/21/1996	<50	<0.5	<0.5	<0.5	<0.5	ND	NA	NA	NA	NA	NA	NA	NA	75.24	12.72	62.52
MW-2	06/28/1996	<50	<0.5	<0.5	<0.5	<0.5	160	NA	NA	NA	NA	NA	NA	NA	75.24	14.95	60.29
MW-2	09/19/1996	<50	<0.5	<0.5	<0.5	<0.5	27	NA	NA	NA	NA	NA	NA	NA	75.24	15.64	59.60
MW-2	12/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.47	60.77
MW-2	12/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.22	61.02
MW-2	12/24/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.24	14.97	60.27
MW-2	12/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.24	16.07	59.17
MW-2	12/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.24	15.78	59.46
MW-2	12/27/2001	NA	NA	NA	NA	NA	NA	95	NA	NA	NA	NA	NA	NA	75.24	14.25	60.99
MW-2	03/14/2002	120	<0.50	<0.50	<0.50	<0.50	NA	31	NA	NA	NA	NA	NA	NA	75.24	14.59	60.65
MW-2	06/13/2002	100	<0.50	<0.50	<0.50	<0.50	NA	32	NA	NA	NA	NA	NA	NA	75.24	14.58	60.66
MW-2	09/09/2002	90	<0.50	<0.50	<0.50	<0.50	NA	54	NA	NA	NA	NA	NA	NA	78.25	15.49	62.76
MW-2	12/12/2002	92	<0.50	<0.50	<0.50	<0.50	NA	21	NA	NA	NA	NA	NA	NA	78.25	16.21	62.04
MW-2	03/10/2003	110	<0.50	<0.50	<0.50	<0.50	NA	33	NA	NA	NA	NA	NA	NA	78.25	14.33	63.92
MW-2	06/10/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	49	NA	NA	NA	NA	NA	NA	78.25	14.48	63.77
MW-2	09/16/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	39	NA	NA	NA	NA	NA	NA	78.25	15.45	62.80

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MW-2	12/03/2003	56 a	<0.50	<0.50	<0.50	<1.0	NA	3.6	NA	NA	NA	NA	NA	NA	78.25	15.60	62.65
MW-2	03/11/2004	58 a	<0.50	<0.50	<0.50	<1.0	NA	67	NA	NA	NA	NA	NA	NA	78.25	13.78	64.47
MW-2	06/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	40	NA	NA	NA	NA	NA	NA	78.25	14.87	63.38
MW-2	09/13/2004	68 d	<0.50	<0.50	<0.50	<1.0	NA	44	<2.0	<2.0	<2.0	<5.0	NA	NA	78.25	15.85	62.40
MW-2	12/07/2004	<50 e	<0.50	<0.50	<0.50	<1.0	NA	54	NA	NA	NA	NA	NA	NA	78.25	15.17	63.08
MW-2	03/03/2005	110 e	<0.50	<0.50	<0.50	<1.0	NA	82	NA	NA	NA	NA	NA	NA	78.25	13.38	64.87
MW-2	06/14/2005	<50 e	<0.50	<0.50	<0.50	<1.0	NA	29	NA	NA	NA	NA	NA	NA	78.25	13.95	64.30
MW-2	09/19/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	31	<2.0	<2.0	<2.0	5.6	NA	NA	78.25	14.78	63.47
MW-2	**03/30/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**39.1**	**NA**	**NA**	**NA**	**NA**	**<0.500**	**<0.500**	**78.25**	**11.60**	**66.65**
MW-3	07/14/1988	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.05	60.63
MW-3	10/04/1988	ND	ND	ND	ND	5	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.60	60.08
MW-3	11/10/1988	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.35	60.33
MW-3	12/09/1988	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.04	60.64
MW-3	01/10/1989	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.70	60.98
MW-3	01/20/1989	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.72	60.96
MW-3	02/06/1989	70	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.75	60.93
MW-3	03/10/1989	150	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.42	61.26
MW-3	06/06/1989	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.52	60.16
MW-3	09/07/1989	ND	0.65	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.52	59.16
MW-3	12/18/1989	46	1.3	ND	0.44	0.66	NA	NA	NA	NA	NA	NA	NA	NA	74.68	19.59	55.09
MW-3	03/08/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.72	59.96
MW-3	06/07/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.65	60.03
MW-3	09/05/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.51	59.17
MW-3	12/03/1990	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.85	59.83
MW-3	03/01/1991	1.9	59	ND	22	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.92	59.76
MW-3	06/03/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.75	59.93
MW-3	09/04/1991	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.14	59.54

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MW-3	03/13/1992	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.50	61.18
MW-3	06/03/1992	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.39	60.29
MW-3	08/19/1992	92	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.08	59.60
MW-3 (D)	08/19/1992	76	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.08	59.60
MW-3	11/16/1992	200 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.43	59.25
MW-3 (D)	11/16/1992	140 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.43	59.25
MW-3	02/18/1993	680 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	12.96	61.72
MW-3	06/01/1993	160 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.98	60.70
MW-3 (D)	06/01/1993	150 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.98	60.70
MW-3	08/30/1993	110 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.82	59.86
MW-3	12/13/1993	140 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.70	59.98
MW-3 (D)	12/13/1993	110 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.70	59.98
MW-3	03/03/1994	61 a	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.92	60.76
MW-3	06/06/1994	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.73	59.95
MW-3	09/12/1994	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.42	59.26
MW-3	12/15/1994	ND	ND	0.9	ND	0.6	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.80	60.88
MW-3	03/13/1995	100 a	7.9	17	0.7	6.1	NA	NA	NA	NA	NA	NA	NA	NA	74.68	12.41	62.27
MW-3	04/21/1995	60	0.9	1.1	ND	1	NA	NA	NA	NA	NA	NA	NA	NA	74.68	NA	NA
MW-3	06/26/1995	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.79	60.89
MW-3	09/12/1995 b	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.77	59.91
MW-3	03/21/1996	<50	<0.5	<0.5	<0.5	<0.5	17	NA	NA	NA	NA	NA	NA	NA	74.68	11.80	62.88
MW-3	06/28/1996	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	74.68	14.19	60.49
MW-3	09/19/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	74.68	14.85	59.83
MW-3	12/19/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.61	61.07
MW-3	12/05/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	13.16	61.52
MW-3	12/24/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.08	60.60
MW-3	12/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.92	58.76
MW-3	12/11/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	15.31	59.37

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MW-3	12/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	12.84	61.84
MW-3	03/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	12.54	62.14
MW-3	03/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	40	NA	NA	NA	NA	NA	NA	74.68	12.78	61.90
MW-3	06/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74.68	14.06	60.62
MW-3	09/09/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	14.77	62.92
MW-3	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	15.11	62.58
MW-3	03/10/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	5.4	NA	NA	NA	NA	NA	NA	77.69	13.52	64.17
MW-3	06/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	13.82	63.87
MW-3	09/16/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	14.60	63.09
MW-3	12/03/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	14.53	63.16
MW-3	03/11/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	3.5	NA	NA	NA	NA	NA	NA	77.69	12.38	65.31
MW-3	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	14.28	63.41
MW-3	09/13/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	14.78	62.91
MW-3	12/07/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	13.77	63.92
MW-3	03/03/2005	120	1.3	<0.50	<0.50	2.7	NA	2.3	<2.0	<2.0	<2.0	37	NA	NA	77.69	11.84	65.85
MW-3	06/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	12.29	65.40
MW-3	09/19/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77.69	14.33	63.36
MW-3	**03/30/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**1.72**	**NA**	**NA**	**NA**	**NA**	**<0.500**	**<0.500**	**77.69**	**10.30**	**67.39**
MW-4	01/23/1990	1,600	100	10	30	20	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.68	59.15
MW-4	03/08/1990	4,200	260	18	88	39	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.38	59.45
MW-4	06/07/1990	2,000	150	6.9	14	17	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.27	59.56
MW-4	09/05/1990	1,700	130	10	7.2	19	NA	NA	NA	NA	NA	NA	NA	NA	73.83	15.40	58.43
MW-4	12/03/1990	2,600	108	41	17	59	NA	NA	NA	NA	NA	NA	NA	NA	73.83	15.90	57.93
MW-4	06/03/1991	2,800	160	15	8.8	32	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.60	59.23
MW-4	09/04/1991	Sheen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.83	15.25	58.58
MW-4	03/13/1992	2,700	180	70	5.9	29	NA	NA	NA	NA	NA	NA	NA	NA	73.83	12.72	61.11
MW-4	06/03/1992	1,700	190	ND	30	23	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.33	59.50

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MW-4	08/19/1992	170	4.2	ND	0.6	1	NA	NA	NA	NA	NA	NA	NA	NA	73.83	15.18	58.65
MW-4	11/16/1992	2,600	92	49	50	81	NA	NA	NA	NA	NA	NA	NA	NA	73.83	15.39	58.44
MW-4	02/18/1993	7,400	120	38	51	87	NA	NA	NA	NA	NA	NA	NA	NA	73.83	12.62	61.21
MW-4	06/01/1993	7,000	1,800	1,700	1,600	1,700	NA	NA	NA	NA	NA	NA	NA	NA	73.83	13.68	60.15
MW-4	08/30/1993	2,100	80	11	ND	11	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.83	59.00
MW-4 (D)	08/30/1993	2,100	77	5.6	ND	5.5	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.83	59.00
MW-4	12/13/1993	2,000 a	20	ND	21	52	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.50	59.33
MW-4	03/03/1994	3,500	150	86	85	90	NA	NA	NA	NA	NA	NA	NA	NA	73.83	13.48	60.35
MW-4 (D)	03/03/1994	3,200	130	73	74	76	NA	NA	NA	NA	NA	NA	NA	NA	73.83	13.48	60.35
MW-4	06/06/1994	590	25	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.26	59.57
MW-4 (D)	06/06/1994	400	16	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.26	59.57
MW-4	09/12/1994	1,800	42	ND	3.7	4.7	NA	NA	NA	NA	NA	NA	NA	NA	73.83	15.42	58.41
MW-4 (D)	09/12/1994	2,000	40	ND	5.7	8	NA	NA	NA	NA	NA	NA	NA	NA	73.83	15.42	58.41
MW-4	12/15/1994	2,900	78	14	94	17	NA	NA	NA	NA	NA	NA	NA	NA	73.83	13.43	60.40
MW-4 (D)	12/15/1994	2,900	90	7	96	18	NA	NA	NA	NA	NA	NA	NA	NA	73.83	13.43	60.40
MW-4	03/13/1995	2,700	240	24	99	34	NA	NA	NA	NA	NA	NA	NA	NA	73.83	12.13	61.70
MW-4 (D)	03/13/1995	2,500	300	24	140	28	NA	NA	NA	NA	NA	NA	NA	NA	73.83	12.13	61.70
MW-4	06/25/1995	2,100	87	10	67	25	NA	NA	NA	NA	NA	NA	NA	NA	73.83	13.26	60.57
MW-4 (D)	06/25/1995	2,300	92	12	74	26	NA	NA	NA	NA	NA	NA	NA	NA	73.83	13.26	60.57
MW-4	09/12/1995 b	1,300	33	13	9.3	15	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.64	59.19
MW-4 (D)	09/12/1995 b	1,500	2.1	16	11	17	NA	NA	NA	NA	NA	NA	NA	NA	73.83	14.64	59.19
MW-4	03/21/1996	2,100	50	3.2	40	5.4	ND	NA	NA	NA	NA	NA	NA	NA	73.83	11.55	62.28
MW-4 (D)	03/21/1996	1,700	24	<0.5	39	7.2	740	NA	NA	NA	NA	NA	NA	NA	73.83	11.55	62.28
MW-4	06/28/1996	1,300	61	6.2	53	11	1,000	NA	NA	NA	NA	NA	NA	NA	73.83	13.86	59.97
MW-4 (D)	06/28/1996	1,200	29	6.2	50	8.3	1,000	NA	NA	NA	NA	NA	NA	NA	73.83	13.86	59.97
MW-4	09/19/1996	820	12	<2.5	2.8	4.3	720	NA	NA	NA	NA	NA	NA	NA	73.83	14.72	59.11
MW-4 (D)	09/19/1996	580	9.6	<2.5	<2.5	<2.5	760	1,200	NA	NA	NA	NA	NA	NA	73.83	14.72	59.11
MW-4	12/19/1996	1,200	28	<5.0	<5.0	<5.0	<25	NA	NA	NA	NA	NA	NA	NA	73.83	13.06	60.77

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MW-4	12/05/1997	1,900	36	9	16	18	630	NA	NA	NA	NA	NA	NA	NA	73.83	12.89	60.94
MW-4	12/24/1998	1,100	23	5.3	38	7.9	1,100	NA	NA	NA	NA	NA	NA	NA	73.83	13.92	59.91
MW-4	12/17/1999	1,100	22	21	13	11	3,800	3,200	NA	NA	NA	NA	NA	NA	73.83	14.28	59.55
MW-4	12/23/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.83	16.24	57.59
MW-4	12/11/2000	975	25.0	11.3	<5.00	<5.00	1,960	1,730 c	NA	NA	NA	NA	NA	NA	73.83	14.15	59.68
MW-4	12/27/2001	2,000	9.9	<5.0	18	<5.0	NA	1,400	NA	NA	NA	NA	NA	NA	73.83	12.61	61.22
MW-4	03/14/2002	1,700	6.6	<2.0	2.1	2.1	NA	1,100	NA	NA	NA	NA	NA	NA	73.83	12.35	61.48
MW-4	06/13/2002	1,200	4.7	<2.0	<2.0	<2.0	NA	1,100	NA	NA	NA	NA	NA	NA	73.83	13.72	60.11
MW-4	09/09/2002	620	3.7	<2.0	<2.0	<2.0	NA	760	NA	NA	NA	NA	NA	NA	76.82	14.56	62.26
MW-4	12/12/2002	1,500	3.9	<2.0	<2.0	<2.0	NA	880	NA	NA	NA	NA	NA	NA	76.82	14.82	62.00
MW-4	03/10/2003	2,300	5.7	0.95	3.8	0.63	NA	1,200	NA	NA	NA	NA	NA	NA	76.82	13.63	63.19
MW-4	06/10/2003	2,200	5.3	<5.0	<5.0	<10	NA	880	NA	NA	NA	NA	NA	NA	76.82	13.68	63.14
MW-4	09/16/2003	1,400	<5.0	<5.0	<5.0	<10	NA	420	NA	NA	NA	NA	NA	NA	76.82	14.35	62.47
MW-4	12/03/2003	2,600	5.0	<5.0	<5.0	<10	NA	840	NA	NA	NA	NA	NA	NA	76.82	14.27	62.55
MW-4	03/11/2004	1,900 a	6.3	<5.0	<5.0	<10	NA	800	NA	NA	NA	NA	NA	NA	76.82	12.62	64.20
MW-4	06/17/2004	1,000	7.4	<2.5	<2.5	<5.0	NA	460	NA	NA	NA	NA	NA	NA	76.82	13.90	62.92
MW-4	09/13/2004	1,100	4.6	<2.5	<2.5	<5.0	NA	300	<10	<10	<10	160	NA	NA	76.82	14.67	62.15
MW-4	12/07/2004	2,200	4.6	<2.5	<2.5	<5.0	NA	430	NA	NA	NA	NA	NA	NA	76.82	13.92	62.90
MW-4	03/03/2005	2,500	5.3	<2.5	<2.5	<5.0	NA	620	NA	NA	NA	NA	NA	NA	76.82	11.75	65.07
MW-4	06/14/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	51	NA	NA	NA	NA	NA	NA	76.82	12.20	64.62
MW-4	09/19/2005	1,200	2.7	<0.50	<0.50	<1.0	NA	140	8.4	<2.0	<2.0	280	NA	NA	76.82	14.08	62.74
MW-4	**03/30/2006**	**2,740**	**2.01**	**<0.500**	**<0.500**	**<0.500**	**NA**	**222**	**NA**	**NA**	**NA**	**NA**	**<0.500**	**<0.500**	**76.82**	**10.25**	**66.57**

WELL CONCENTRATIONS
Shell-branded Service Station
230 West MacArthur Boulevard
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)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to December 27, 2001, by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to December 27, 2001, by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B
EDB = 1,2-Dibromoethane or Ethylene Dibromide, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
ND = Not detected at or above the quantitative limit.
NA = Not applicable

Notes:
a = Chromatogram pattern indicates the presence of an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.
b = The laboratory noted the sample was analyzed after the method specified holding time.
c = This sample was analyzed outside of EPA recommended hold time.
d = Sample contains discrete peak in gasoline range.
e = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
Site surveyed January 30, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

April 11, 2006

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

Work Order: NPD0055
Project Name: 230 W MacArthur Blvd., Oakland, CA
Project Nbr: SAP 135676
P/O Nbr: 98995741
Date Received: 04/01/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPD0055-01	03/30/06 13:15
MW-2	NPD0055-02	03/30/06 13:40
MW-3	NPD0055-03	03/30/06 13:55
MW-4	NPD0055-04	03/30/06 14:20

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 accredidation.

California Certification Number: 01168CA

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

Report Approved By:

Jim Hatfield
Project Management

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD0055-01 (MW-1 - Water) Sampled: 03/30/06 13:15								
Volatile Organic Compounds by EPA Method 8260B								
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	04/06/06 21:54	SW846 8260B	6040305
Benzene	ND		ug/L	0.500	1	04/06/06 21:54	SW846 8260B	6040305
1,2-Dichloroethane	ND		ug/L	0.500	1	04/06/06 21:54	SW846 8260B	6040305
Ethylbenzene	ND		ug/L	0.500	1	04/06/06 21:54	SW846 8260B	6040305
Toluene	ND		ug/L	0.500	1	04/06/06 21:54	SW846 8260B	6040305
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	04/06/06 21:54	SW846 8260B	6040305
Xylenes, total	ND		ug/L	0.500	1	04/06/06 21:54	SW846 8260B	6040305
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*					*04/06/06 21:54*	*SW846 8260B*	*6040305*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*04/06/06 21:54*	*SW846 8260B*	*6040305*
Surr: Toluene-d8 (78-121%)	*94 %*					*04/06/06 21:54*	*SW846 8260B*	*6040305*
Surr: 4-Bromofluorobenzene (78-126%)	*104 %*					*04/06/06 21:54*	*SW846 8260B*	*6040305*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	04/06/06 21:54	CA LUFT GC/MS	6040305
Sample ID: NPD0055-02 (MW-2 - Water) Sampled: 03/30/06 13:40								
Volatile Organic Compounds by EPA Method 8260B								
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	04/06/06 22:19	SW846 8260B	6040305
Benzene	ND		ug/L	0.500	1	04/06/06 22:19	SW846 8260B	6040305
1,2-Dichloroethane	ND		ug/L	0.500	1	04/06/06 22:19	SW846 8260B	6040305
Ethylbenzene	ND		ug/L	0.500	1	04/06/06 22:19	SW846 8260B	6040305
Toluene	ND		ug/L	0.500	1	04/06/06 22:19	SW846 8260B	6040305
Methyl tert-Butyl Ether	**39.1**		ug/L	0.500	1	04/06/06 22:19	SW846 8260B	6040305
Xylenes, total	ND		ug/L	0.500	1	04/06/06 22:19	SW846 8260B	6040305
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*					*04/06/06 22:19*	*SW846 8260B*	*6040305*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*04/06/06 22:19*	*SW846 8260B*	*6040305*
Surr: Toluene-d8 (78-121%)	*95 %*					*04/06/06 22:19*	*SW846 8260B*	*6040305*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*04/06/06 22:19*	*SW846 8260B*	*6040305*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	04/06/06 22:19	CA LUFT GC/MS	6040305
Sample ID: NPD0055-03 (MW-3 - Water) Sampled: 03/30/06 13:55								
Volatile Organic Compounds by EPA Method 8260B								
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	04/06/06 22:44	SW846 8260B	6040305
Benzene	ND		ug/L	0.500	1	04/06/06 22:44	SW846 8260B	6040305
1,2-Dichloroethane	ND		ug/L	0.500	1	04/06/06 22:44	SW846 8260B	6040305
Ethylbenzene	ND		ug/L	0.500	1	04/06/06 22:44	SW846 8260B	6040305
Toluene	ND		ug/L	0.500	1	04/06/06 22:44	SW846 8260B	6040305
Methyl tert-Butyl Ether	**1.72**		ug/L	0.500	1	04/06/06 22:44	SW846 8260B	6040305
Xylenes, total	ND		ug/L	0.500	1	04/06/06 22:44	SW846 8260B	6040305
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*					*04/06/06 22:44*	*SW846 8260B*	*6040305*
Surr: Dibromofluoromethane (79-122%)	*96 %*					*04/06/06 22:44*	*SW846 8260B*	*6040305*
Surr: Toluene-d8 (78-121%)	*94 %*					*04/06/06 22:44*	*SW846 8260B*	*6040305*
Surr: 4-Bromofluorobenzene (78-126%)	*118 %*					*04/06/06 22:44*	*SW846 8260B*	*6040305*

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD0055-03 (MW-3 - Water) - cont. Sampled: 03/30/06 13:55								
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	04/06/06 22:44	CA LUFT GC/MS	6040305
Sample ID: NPD0055-04 (MW-4 - Water) Sampled: 03/30/06 14:20								
Volatile Organic Compounds by EPA Method 8260B								
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	04/06/06 23:10	SW846 8260B	6040305
Benzene	**2.01**		ug/L	0.500	1	04/06/06 23:10	SW846 8260B	6040305
1,2-Dichloroethane	ND		ug/L	0.500	1	04/06/06 23:10	SW846 8260B	6040305
Ethylbenzene	ND		ug/L	0.500	1	04/06/06 23:10	SW846 8260B	6040305
Toluene	ND		ug/L	0.500	1	04/06/06 23:10	SW846 8260B	6040305
Methyl tert-Butyl Ether	**222**		ug/L	2.50	5	04/07/06 10:59	SW846 8260B	6041114
Xylenes, total	ND		ug/L	0.500	1	04/06/06 23:10	SW846 8260B	6040305
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*					*04/06/06 23:10*	*SW846 8260B*	*6040305*
Surr: Dibromofluoromethane (79-122%)	*97 %*					*04/06/06 23:10*	*SW846 8260B*	*6040305*
Surr: Toluene-d8 (78-121%)	*97 %*					*04/06/06 23:10*	*SW846 8260B*	*6040305*
Surr: 4-Bromofluorobenzene (78-126%)	*113 %*					*04/06/06 23:10*	*SW846 8260B*	*6040305*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**2740**		ug/L	50.0	1	04/06/06 23:10	CA LUFT GC/MS	6040305

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6040305-BLK1						
1,2-Dibromoethane (EDB)	<0.250		ug/L	6040305	6040305-BLK1	04/06/06 19:48
Benzene	<0.200		ug/L	6040305	6040305-BLK1	04/06/06 19:48
1,2-Dichloroethane	<0.390		ug/L	6040305	6040305-BLK1	04/06/06 19:48
Ethylbenzene	<0.200		ug/L	6040305	6040305-BLK1	04/06/06 19:48
Toluene	<0.200		ug/L	6040305	6040305-BLK1	04/06/06 19:48
Methyl tert-Butyl Ether	<0.200		ug/L	6040305	6040305-BLK1	04/06/06 19:48
Xylenes, total	<0.350		ug/L	6040305	6040305-BLK1	04/06/06 19:48
Surrogate: 1,2-Dichloroethane-d4	96%			6040305	6040305-BLK1	04/06/06 19:48
Surrogate: Dibromofluoromethane	97%			6040305	6040305-BLK1	04/06/06 19:48
Surrogate: Toluene-d8	95%			6040305	6040305-BLK1	04/06/06 19:48
Surrogate: 4-Bromofluorobenzene	114%			6040305	6040305-BLK1	04/06/06 19:48
6041114-BLK1						
1,2-Dibromoethane (EDB)	<0.250		ug/L	6041114	6041114-BLK1	04/07/06 08:24
1,2-Dichloroethane	<0.390		ug/L	6041114	6041114-BLK1	04/07/06 08:24
Methyl tert-Butyl Ether	<0.200		ug/L	6041114	6041114-BLK1	04/07/06 08:24
Purgeable Petroleum Hydrocarbons						
6040305-BLK1						
Gasoline Range Organics	<50.0		ug/L	6040305	6040305-BLK1	04/06/06 19:48
Surrogate: 1,2-Dichloroethane-d4	96%			6040305	6040305-BLK1	04/06/06 19:48
Surrogate: Dibromofluoromethane	97%			6040305	6040305-BLK1	04/06/06 19:48
Surrogate: Toluene-d8	95%			6040305	6040305-BLK1	04/06/06 19:48
Surrogate: 4-Bromofluorobenzene	114%			6040305	6040305-BLK1	04/06/06 19:48

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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 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								
6040305-BS1								
Tert-Amyl Methyl Ether	50.0	47.4		ug/L	95%	56 - 145	6040305	04/06/06 18:57
1,2-Dibromoethane (EDB)	50.0	46.4		ug/L	93%	75 - 128	6040305	04/06/06 18:57
Benzene	50.0	48.2		ug/L	96%	79 - 123	6040305	04/06/06 18:57
1,2-Dichloroethane	50.0	45.8		ug/L	92%	74 - 131	6040305	04/06/06 18:57
Ethylbenzene	50.0	44.2		ug/L	88%	79 - 125	6040305	04/06/06 18:57
Toluene	50.0	45.4		ug/L	91%	78 - 122	6040305	04/06/06 18:57
Ethyl tert-Butyl Ether	50.0	47.9		ug/L	96%	64 - 141	6040305	04/06/06 18:57
Diisopropyl Ether	50.0	48.4		ug/L	97%	73 - 135	6040305	04/06/06 18:57
Methyl tert-Butyl Ether	50.0	47.4		ug/L	95%	66 - 142	6040305	04/06/06 18:57
Xylenes, total	150	123		ug/L	82%	79 - 130	6040305	04/06/06 18:57
Tertiary Butyl Alcohol	500	452		ug/L	90%	42 - 154	6040305	04/06/06 18:57
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	70 - 130	6040305	04/06/06 18:57
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	70 - 130	6040305	04/06/06 18:57
Surrogate: Dibromofluoromethane	50.0	47.0			94%	79 - 122	6040305	04/06/06 18:57
Surrogate: Dibromofluoromethane	50.0	47.0			94%	79 - 122	6040305	04/06/06 18:57
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6040305	04/06/06 18:57
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6040305	04/06/06 18:57
Surrogate: 4-Bromofluorobenzene	50.0	47.6			95%	78 - 126	6040305	04/06/06 18:57
Surrogate: 4-Bromofluorobenzene	50.0	47.6			95%	78 - 126	6040305	04/06/06 18:57
6041114-BS1								
Tert-Amyl Methyl Ether	50.0	51.0		ug/L	102%	56 - 145	6041114	04/07/06 07:33
1,2-Dibromoethane (EDB)	50.0	49.4		ug/L	99%	75 - 128	6041114	04/07/06 07:33
1,2-Dichloroethane	50.0	46.7		ug/L	93%	74 - 131	6041114	04/07/06 07:33
Ethyl tert-Butyl Ether	50.0	50.8		ug/L	102%	64 - 141	6041114	04/07/06 07:33
Diisopropyl Ether	50.0	47.1		ug/L	94%	73 - 135	6041114	04/07/06 07:33
Methyl tert-Butyl Ether	50.0	50.6		ug/L	101%	66 - 142	6041114	04/07/06 07:33
Tertiary Butyl Alcohol	500	517		ug/L	103%	42 - 154	6041114	04/07/06 07:33
Surrogate: 1,2-Dichloroethane-d4	50.0	46.8			94%	70 - 130	6041114	04/07/06 07:33
Surrogate: Dibromofluoromethane	50.0	45.7			91%	79 - 122	6041114	04/07/06 07:33
Surrogate: Toluene-d8	50.0	47.9			96%	78 - 121	6041114	04/07/06 07:33
Surrogate: 4-Bromofluorobenzene	50.0	51.8			104%	78 - 126	6041114	04/07/06 07:33
Purgeable Petroleum Hydrocarbons								
6040305-BS1								
Gasoline Range Organics	3050	2820		ug/L	92%	67 - 130	6040305	04/06/06 18:57
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	70 - 130	6040305	04/06/06 18:57
Surrogate: Dibromofluoromethane	50.0	47.0			94%	70 - 130	6040305	04/06/06 18:57
Surrogate: Toluene-d8	50.0	47.4			95%	70 - 130	6040305	04/06/06 18:57
Surrogate: 4-Bromofluorobenzene	50.0	47.6			95%	70 - 130	6040305	04/06/06 18:57

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ANALYTICAL TESTING CORPORATION
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Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 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										
6040305-MS1										
Tert-Amyl Methyl Ether	ND	49.0		ug/L	50.0	98%	45 - 155	6040305	NPD0105-01	04/07/06 04:12
1,2-Dibromoethane (EDB)	ND	45.7		ug/L	50.0	91%	71 - 138	6040305	NPD0105-01	04/07/06 04:12
Benzene	ND	48.7		ug/L	50.0	97%	71 - 137	6040305	NPD0105-01	04/07/06 04:12
1,2-Dichloroethane	ND	42.7		ug/L	50.0	85%	70 - 140	6040305	NPD0105-01	04/07/06 04:12
Ethylbenzene	3.89	49.2		ug/L	50.0	91%	72 - 139	6040305	NPD0105-01	04/07/06 04:12
Toluene	ND	69.9	M7	ug/L	50.0	140%	73 - 133	6040305	NPD0105-01	04/07/06 04:12
Ethyl tert-Butyl Ether	ND	52.2		ug/L	50.0	104%	57 - 148	6040305	NPD0105-01	04/07/06 04:12
Diisopropyl Ether	ND	47.3		ug/L	50.0	95%	67 - 143	6040305	NPD0105-01	04/07/06 04:12
Methyl tert-Butyl Ether	ND	50.4		ug/L	50.0	101%	55 - 152	6040305	NPD0105-01	04/07/06 04:12
Xylenes, total	14.1	144		ug/L	150	87%	70 - 143	6040305	NPD0105-01	04/07/06 04:12
Tertiary Butyl Alcohol	ND	585		ug/L	500	117%	19 - 183	6040305	NPD0105-01	04/07/06 04:12
Surrogate: 1,2-Dichloroethane-d4		45.7		ug/L	50.0	91%	70 - 130	6040305	NPD0105-01	04/07/06 04:12
Surrogate: 1,2-Dichloroethane-d4		45.7		ug/L	50.0	91%	70 - 130	6040305	NPD0105-01	04/07/06 04:12
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	79 - 122	6040305	NPD0105-01	04/07/06 04:12
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	79 - 122	6040305	NPD0105-01	04/07/06 04:12
Surrogate: Toluene-d8		50.3		ug/L	50.0	101%	78 - 121	6040305	NPD0105-01	04/07/06 04:12
Surrogate: Toluene-d8		50.3		ug/L	50.0	101%	78 - 121	6040305	NPD0105-01	04/07/06 04:12
Surrogate: 4-Bromofluorobenzene		51.9		ug/L	50.0	104%	78 - 126	6040305	NPD0105-01	04/07/06 04:12
Surrogate: 4-Bromofluorobenzene		51.9		ug/L	50.0	104%	78 - 126	6040305	NPD0105-01	04/07/06 04:12
Purgeable Petroleum Hydrocarbons										
6040305-MS1										
Gasoline Range Organics	ND	3330		ug/L	3050	109%	60 - 140	6040305	NPD0105-01	04/07/06 04:12
Surrogate: 1,2-Dichloroethane-d4		45.7		ug/L	50.0	91%	0 - 200	6040305	NPD0105-01	04/07/06 04:12
Surrogate: Dibromofluoromethane		49.8		ug/L	50.0	100%	0 - 200	6040305	NPD0105-01	04/07/06 04:12
Surrogate: Toluene-d8		50.3		ug/L	50.0	101%	0 - 200	6040305	NPD0105-01	04/07/06 04:12
Surrogate: 4-Bromofluorobenzene		51.9		ug/L	50.0	104%	0 - 200	6040305	NPD0105-01	04/07/06 04:12

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 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												
6040305-MSD1												
Tert-Amyl Methyl Ether	ND	48.9		ug/L	50.0	98%	45 - 155	0.2	24	6040305	NPD0105-01	04/07/06 06:18
1,2-Dibromoethane (EDB)	ND	48.4		ug/L	50.0	97%	71 - 138	6	27	6040305	NPD0105-01	04/07/06 06:18
Benzene	ND	48.8		ug/L	50.0	98%	71 - 137	0.2	23	6040305	NPD0105-01	04/07/06 06:18
1,2-Dichloroethane	ND	45.7		ug/L	50.0	91%	70 - 140	7	21	6040305	NPD0105-01	04/07/06 06:18
Ethylbenzene	3.89	46.4		ug/L	50.0	85%	72 - 139	6	23	6040305	NPD0105-01	04/07/06 06:18
Toluene	ND	46.7	R	ug/L	50.0	93%	73 - 133	40	25	6040305	NPD0105-01	04/07/06 06:18
Ethyl tert-Butyl Ether	ND	51.5		ug/L	50.0	103%	57 - 148	1	22	6040305	NPD0105-01	04/07/06 06:18
Diisopropyl Ether	ND	48.3		ug/L	50.0	97%	67 - 143	2	22	6040305	NPD0105-01	04/07/06 06:18
Methyl tert-Butyl Ether	ND	51.6		ug/L	50.0	103%	55 - 152	2	27	6040305	NPD0105-01	04/07/06 06:18
Xylenes, total	14.1	130		ug/L	150	77%	70 - 143	10	27	6040305	NPD0105-01	04/07/06 06:18
Tertiary Butyl Alcohol	ND	631		ug/L	500	126%	19 - 183	8	39	6040305	NPD0105-01	04/07/06 06:18
Surrogate: 1,2-Dichloroethane-d4		46.1		ug/L	50.0	92%	70 - 130			6040305	NPD0105-01	04/07/06 06:18
Surrogate: 1,2-Dichloroethane-d4		46.1		ug/L	50.0	92%	70 - 130			6040305	NPD0105-01	04/07/06 06:18
Surrogate: Dibromofluoromethane		47.2		ug/L	50.0	94%	79 - 122			6040305	NPD0105-01	04/07/06 06:18
Surrogate: Dibromofluoromethane		47.2		ug/L	50.0	94%	79 - 122			6040305	NPD0105-01	04/07/06 06:18
Surrogate: Toluene-d8		47.6		ug/L	50.0	95%	78 - 121			6040305	NPD0105-01	04/07/06 06:18
Surrogate: Toluene-d8		47.6		ug/L	50.0	95%	78 - 121			6040305	NPD0105-01	04/07/06 06:18
Surrogate: 4-Bromofluorobenzene		44.3		ug/L	50.0	89%	78 - 126			6040305	NPD0105-01	04/07/06 06:18
Surrogate: 4-Bromofluorobenzene		44.3		ug/L	50.0	89%	78 - 126			6040305	NPD0105-01	04/07/06 06:18
Purgeable Petroleum Hydrocarbons												
6040305-MSD1												
Gasoline Range Organics	ND	2490		ug/L	3050	82%	60 - 140	29	40	6040305	NPD0105-01	04/07/06 06:18
Surrogate: 1,2-Dichloroethane-d4		46.1		ug/L	50.0	92%	0 - 200			6040305	NPD0105-01	04/07/06 06:18
Surrogate: Dibromofluoromethane		47.2		ug/L	50.0	94%	0 - 200			6040305	NPD0105-01	04/07/06 06:18
Surrogate: Toluene-d8		47.6		ug/L	50.0	95%	0 - 200			6040305	NPD0105-01	04/07/06 06:18
Surrogate: 4-Bromofluorobenzene		44.3		ug/L	50.0	89%	0 - 200			6040305	NPD0105-01	04/07/06 06:18

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 08:00

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

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

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 08:00

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
CA LUFT GC/MS	Water	Gasoline Range Organics

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Cambria Env. Tech. (Emeryville) / SHELL (13675)	Work Order:	NPD0055
	5900 Hollis Street, Suite A	Project Name:	230 W MacArthur Blvd., Oakland, CA
	Emeryville, CA 94608	Project Number:	SAP 135676
Attn	Anni Kreml	Received:	04/01/06 08:00

DATA QUALIFIERS AND DEFINITIONS

M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPD0055

Cooler Received/Opened On 04/1/2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3744

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

2. Temperature of representative sample or temperature blank when opened: 1-1 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES....NO....NA

a. If yes, how many and where: 1 side

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 (intial)..... PM

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 (intial)..... JR

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 (intial)..... JR

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 (intial)..... JR

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

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

BIS = Broken in shipment

SHELL Chain Of Custody Record

LAB: ETC

Lab Identification (if necessary):
Address:
City, State, Zip:

Shell Project Manager to be Invoiced:
☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Denis Brown

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 7 4 1
SAP or CRMT NUMBER (TS/CRMT): [redacted]

DATE: 3/30/06
PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS (Street and City): 230 W. MacArthur Blvd., Oakland
GLOBAL ID NO.: T0600101240
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112
EDF DELIVERABLE TO (Responsible Party or Designee): Anni Kreml
PHONE NO.: (510) 420-3335
E-MAIL: ShellOaklandEDF@cambria-env.com
CONSULTANT PROJECT NO.: 060330-SL2
BTS #
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart
SAMPLER NAME(S) (Print): Shawn Lane
LAB USE ONLY
TELEPHONE: 408-573-0555
FAX: 408-573-7771
E-MAIL: lgearhart@blainetech.com

TURNAROUND TIME (BUSINESS DAYS):
☐ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ______

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

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

NPD0055
04/11/06 17:00

REQUESTED ANALYSIS

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

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)				Field Notes
	MW-1	3/30/06	1345	W	3	X	X	X (crossed out)	X				X	00555-		1	
	MW-2	↓	1340	↓	↓	X	X		X				X			2	
	MW-3		1355			X	X		X				X			3	
	MW-4	↓	1420	↓	↓	X	X		X				X			4	

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature] SAMPLE CUSTODIAN	3/30/06	1509
[signature] SAMPLE CUSTODIAN	[signature]	3-30-06	1619
[signature]	[signature] 4-1-06 8	3-30-06	1818

DISTRIBUTION: White with Sample, Yellow and Pink to File

Q&Q Graphic (714) 898-9702

Anny Cha ... 1148

SHELL Chain of Custody Record

LAB: STL

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced: Denis Brown

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

INCIDENT NUMBER (S&E ONLY): 98995741

SAP or CRMT NUMBER (TS/CRMT):

DATE: 3/30/06

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS (Street and City): 230 W. MacArthur Blvd., Oakland

GLOBAL ID NO.: T0600101240

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

EDF DELIVERABLE TO (Responsible Party or Designee): Anni Kreml, Cambria, Emeryville

PHONE NO.: (510) 420-3335

E-MAIL: Shell.em.edf w/ 3/31, ShellOaklandEDF@cambria-env.com

CONSULTANT PROJECT NO.: 060330-S12

BTS #

PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart

TELEPHONE: 408-573-0555

FAX: 408-573-7771

E-MAIL: lgearhart@blainetech.com

SAMPLER NAME(S) (Print): Shawn Lane

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

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

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	BTEX (8260B)	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)
	MW-1	3/30/06	1335	W	3	X	X	X (60)	X				X
	MW-2	↓	1340	↓	↓	X	X		X				X
	MW-3		1355			X	X		X				X
	MW-4	↓	1420	↓	↓	X	X		X				X

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

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date: 3/30/06	Time: 1509
Relinquished by: (Signature) Shawn Costonian	Received by: (Signature)	Date: 3-30-06	Time: 1619
Relinquished by: (Signature)	Received by: (Signature) 4-1-06 8	Date:	Time:

White to File, Yellow and Pink to

Q&O Graphic (714) 898-9702

ATTACHMENT B

Groundwater Monitoring Data
240 West MacArthur

Table 1
Groundwater Monitoring Well Construction and Groundwater Elevation Data
240 W. MacArthur Boulevard, Oakland, California

Well	Well Depth (feet bgs)	Well Screened Interval		Groundwater Level Depth [a] March 30, 2006	Groundwater Elevation [b] March 30, 2006
		Depth (feet)	Elevation (feet)		
MW-1	25	19.5 to 24.5	54.5 to 49.5	12.57	66.40
MW-2	25	14.5 to 24.5	64.2 to 54.2	12.20	66.25
MW-3	25	14.5 to 24.5	63.4 to 53.4	11.25	66.33
MW-4	25	14.5 to 24.5	63.6 to 53.6	10.90	66.84
MW-5	20	9 to 19	70.6 to 60.6	12.75	66.61
MW-6	20	9 to 19	69.7 to 59.7	11.85	66.58
MW-7	20	9 to 19	69.6 to 59.6	13.00	65.27
MW-8	20	9 to 19	67.7 to 57.7	10.80	65.59

Notes:

[a] Pre-purge measurement, feet below top of well casing.
[b] Pre-purge measurement, feet above mean sea level.

Table 2
Groundwater Sample Analytical Results – March 30, 2006
Hydrocarbons, BTEX, and MTBE [a]

Well	TVHg	TEHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-1	11,000	3,000	340	45	89	630	4.3
MW-2	1,300	400	3.2	*< 0.7*	*< 0.7*	*< 1.4*	120
MW-3	4,100	1,200	24	1.1	8.5	3.4	99
MW-4	*< 50*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
MW-5	9,800	5,100	240	47	97	590	*< 2.0*
MW-6	530	950	8.3	*< 0.5*	4.0	2.1	0.6
MW-7	*< 50*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
MW-8	140	120	*< 0.5*	*< 0.5*	*< 0.5*	0.6	24
Environmental Screening Levels [b]							
	NLP	NLP	1.0	40	30	20	5.0
Drinking Water Standards [c]							
	100	100	1.0 [d]	40	30	13	5.0

Notes:

[a] All concentrations in µg/L, equivalent to parts per billion (ppb).
[b] For commercial/industrial sites where a known or potential drinking water resource is threatened.
[c] Drinking water standards are State of California Secondary Maximum Contaminant Levels – Proposed, unless specified otherwise.
[d] State of California Primary Maximum Contaminant Levels.

MTBE = methyl *tertiary*-butyl ether
TEHd = total extractable hydrocarbons - diesel range
TVHg = total volatile hydrocarbons - gasoline range
NA = Not analyzed for this contaminant.
NLP = No level published.

Table 3
Groundwater Sample Analytical Results – March 30, 2006
Lead Scavengers and Fuel Oxygenates [a]

Well	EDC	DIPE	TBA
MW-1	*< 2.0*	*< 2.0*	83
MW-2	*< 0.7*	1.2	56
MW-3	*< 0.5*	1.0	29
MW-5	*< 2.0*	*< 2.0*	*< 2.0*
MW-6	15	0.6	19
MW-8	*< 0.5*	0.6	17
Drinking Water Standards [b]	NLP	NLP	NLP
ESLs [c]	0.5	NLP	12

Notes:

[a] All concentrations in µg/L, equivalent to parts per billion (ppb).
[b] Drinking water standards are State of California Secondary Maximum Contaminant Levels – Proposed, unless specified otherwise.
[c] For commercial/industrial sites where known/potential drinking water resource is threatened.

DIPE = isopropyl ether.
EDC = ethylene dichloride (1,2-dichloroethane).
TBA = *tertiary*-butyl alcohol
NLP = No level published.

Table includes only detected fuel oxygenates and lead scavengers. Contaminants analyzed for and not detected include EDB, ETBE, and TAME.