Denis L. Brown

Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
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Tel (707) 865 0251
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Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Shell-branded Service Station
610 Market Street
Oakland, California
SAP Code 135692
Incident No. 99895750
ACHCSA Case No. 493

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,

Denis L. Brown
Project Manager

CAMBRIA

November 13, 2006

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

Re: **Groundwater Monitoring and Remediation Report – Third Quarter 2006**
Shell-branded Service Station
610 Market Street
Oakland, California
SAP Code 135692
Incident No. 98995750
ACHCSA No. 493

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.

PROFESSIONAL GEOLOGIST
ANA FRIEL
No. 6452
exp 9/07
STATE OF CALIFORNIA

Ana Friel, PG
Associate Geologist

Enclosure: Groundwater Monitoring Report – Third Quarter 2006

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Virginia R. Rawson, Tr., 1860 Tice Creek Drive #1353, Walnut Creek, CA 94595
Roger Schmidt, 1224 Contra Costa Dr., El Cerrito, CA 94530

Cambria Environmental Technology, Inc.

270 Perkins Street
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

CAMBRIA

GROUNDWATER MONITORING AND REMEDIATION REPORT
THIRD QUARTER 2006

Site Address	610 Market St, Oakland
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
Consultant and Contact Person	Cambria, Ana Friel
Lead Agency and Contact	ACHCSA, Jerry Wickham
Agency Case No.	0493
Shell SAP Code	135692
Shell Incident No.	98995750
Date of Most Recent Agency Correspondence	August 23, 2002

Current Quarter's Activities

1. Gauged and sampled wells according to the established monitoring program for this site.
2. Cambria prepared a vicinity map (Figure 1) and a groundwater elevation contour and chemical concentration map (Figure 2). Blaine Tech's report, presenting the analytical data, is included in Attachment A.
3. Cambria operated the remediation system and prepared system analytical data table (Table 1) and the system operation and mass removal data table (Table 2). Laboratory data associated with the remediation system is included in Attachment B.

Current Quarter's Findings

Groundwater Flow Direction	Southwesterly
Hydraulic Gradient	0.006
Depth to Water	10.96 to 14.07 feet below top of well casing

As of September 19, 2006 the system performance data is as follows:

System Up-Time	90%
Volume Extracted	2,218,142 gallons of groundwater
Mass Removed	47.6 pounds of TPHg, 0.38 pounds of benzene, and 137 pounds of MTBE

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Proposed Activities for Next Quarter

1. The site wells will be gauged sampled during the third month of the quarter, according to the established monitoring program for this site.
2. Based on the low concentrations of MTBE in site wells, the groundwater extraction system will be shut down to monitor rebound concentrations.

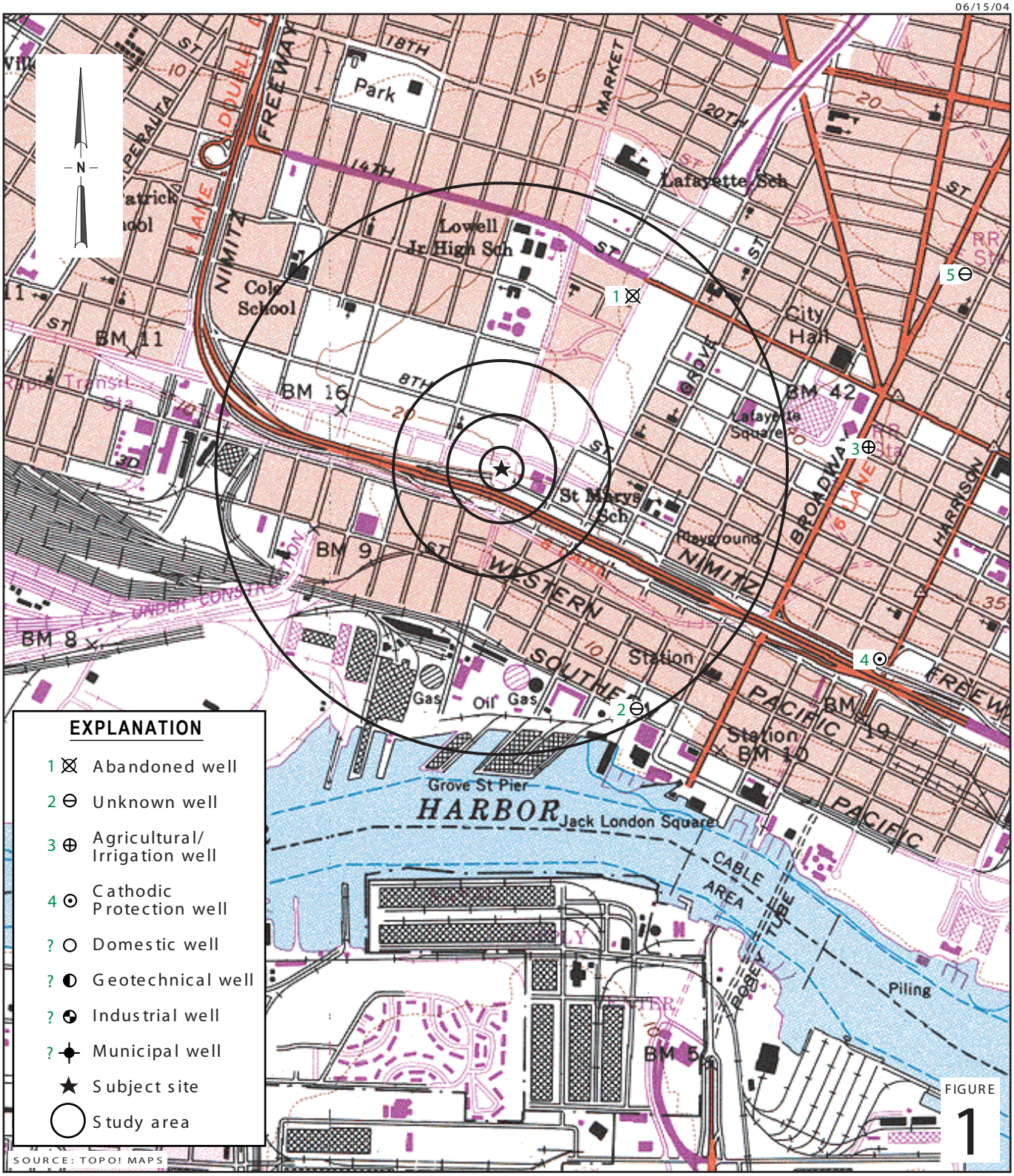
Figures: 1 - Vicinity Map
2 - Groundwater Contour and Chemical Concentration Map

Tables: 1- Groundwater Extraction - System Analytical Data
2- Groundwater Extraction - System Operation and Mass Removal Data

Attachment: A - Blaine Tech Services, Inc. - Groundwater Monitoring Report
B – Laboratory Analytical Data

K:\Oakland 610 Market\QM\2006\3Q06\3Q06 QMR text.doc

06/15/04



G:\OAKLAND 610 MARKET\FIGURES\VIC-SRS.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station
610 Market Street
Oakland, California
Incident #98995750

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Vicinity Map

1/2 Mile Radius

11/02/06

EXPLANATION

- MW-1 — Monitoring well location
- MW-2 — Monitoring well used for groundwater extraction
- T1 — Tank observation well location
- SB-E — Soil boring location (4/17/02)
- SB-A — Geoprobe boring location (3/31/98)
- Electrical line (E)
- Storm drain line (SD)
- Sanitary sewer line (SS)
- Water line (W)
- Gas line (G)
- Telecommunication line (T)

Approximate hydraulic gradient = 0.006

ND — Not detected at laboratory reporting limit

XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located

Well / ELEV / Benzene / MTBE
- Well — Well designation
- ELEV — Groundwater elevation, in feet above msl
- Benzene / MTBE — Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260.

- Flow direction
- FL = 2.8 — Flow line elevation, in feet above mean sea level (msl)
- Manhole
- Groundwater extraction system piping
- INF — GWE system sampling location

MARKET STREET

INTERSTATE 880 OFF-RAMP

6th STREET

7th STREET

MW-1 7.63 16 23
MW-2 7.12 ND ND
MW-3 6.85 12 110
MW-4 6.80 ND 1,400
MW-5 6.82 ND 22
MW-6 6.97 ND ND
MW-7 7.09 ND ND
MW-8 7.29 120 260
MW-9 7.00 ND 1.6

dispensers, kiosk, former dispenser island, USTs, T1, T2, car wash, planter, remediation enclosure, EFF, INF, SB-A, SB-B, SB-C, SB-E, SB-F

Scale (ft): 0 15 30 60

K:\OAKLAND 610 MARKET\FIGURES\SCM06.DWG

Groundwater Contour and Chemical Concentration Map

September 25, 2006

CAMBRIA

Shell-branded Service Station
610 Market Sreet
Oakland, California

FIGURE
2

Table 1: Groundwater Extraction - System Analytical Data - Shell-branded Service Station, Incident #98995750, 610 Market St, Oakland, California

	Influent			Midfluent 1			Midfluent 2			Effluent		
Sample Date (mm/dd/yy)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)
02/18/2003	<20,000	270	93,000	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
02/25/2003	<20,000	<200	74,000	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
03/11/2003	<10,000	<100	47,000	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
03/25/2003	<10,000	<100	38,000	<250	<2.5	<25	<50	<0.50	<5.0	<50	<0.50	<5.0
04/07/2003	30,000	<250	33,000	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
04/22/2003	<25,000	<250	26,000	<50	<0.50	2.6	<50	<0.50	<0.50	<50	<0.50	<0.50
05/01/2003	<10,000	<100	25,000	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<0.50	<5.0
05/20/2003	<10,000	<100	17,000	<500	<5.0	610	640	<0.50	<0.5	<50	<0.50	<0.5
06/03/2003	<10,000	<100	15,000	<5,000	<50	4000	<50	<0.50	<0.5	<50	<0.50	<0.5
06/17/2003	<10,000	<100	17,000	<25,000	<250	16,000	<50	<0.50	<5.0	<50	<0.50	<5.0
07/28/2003	<5,000	<50	7,100	<250	<2.5	420	<50	<0.50	<0.50	<50	<0.50	<0.50
08/11/2003	<2,500	<25	4,900	<250	<2.5	280	<50	<0.50	<0.50	<50	<0.50	<0.50
08/28/2003	<2,500	<25	7,700	<100	<1.0	260	<50	<0.50	<0.50	<50	<0.50	<0.50
09/08/2003	<2,500	<25	6,600	<50	<0.50	140	<50	<0.50	<0.50	<50	<0.50	<0.50
09/22/2003	<5,000	<50	5,700	<250	<2.5	230	<50	<0.50	<0.50	<50	<0.50	<0.50
10/08/2003	<2,500	<25	3,100	<50	<0.50	140	<50	<0.50	<0.50	<50	<0.50	<0.50
10/21/2003	<5,000	<50	3,800	<250	<2.5	180	<50	<0.50	<0.50	<50	<0.50	<0.50
11/06/2003	<1,000	<10	3,500	<50	<0.50	150	<50	<0.50	<0.50	<50	<0.50	<0.50
12/05/2003	<2,000	<20	3,400	<50	<0.50	130	<50	<0.50	<0.50	<50	<0.50	<0.50
01/09/2004	<2,000	<20	2,700	<50	<0.50	210	<50	<0.50	<0.50	<50	<0.50	<0.50
02/09/2004	<250	7.8	250	<50	<0.50	180	<50	<0.50	<0.50	<50	<0.50	<0.50
03/09/2004	<250	8.6	700	<100	<1.0	270	<50	<0.50	<0.50	<50	<0.50	<0.50
04/13/2004	<1,000	<10	1,900	<250	<2.5	570	<50	<0.50	<0.50	<50	<0.50	<0.50
05/10/2004	<1,000	<10	1,600	<250	<2.5	660	<50	<0.50	<0.50	<50	<0.50	<0.50
05/28/2004	3,400	170	1,200	<50	<0.5	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/09/2004	<1,000	<10	1,100	<250	<2.5	920	<50	<0.50	<0.50	<50	<0.50	<0.50

Table 1: Groundwater Extraction - System Analytical Data - Shell-branded Service Station, Incident #98995750, 610 Market St, Oakland, California

Sample Date (mm/dd/yy)	Influent			Midfluent 1			Midfluent 2			Effluent		
	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)
07/07/2004	<1,000	<10	1,100	<500	<5.0	1,100	<50	<0.50	<0.50	<50	<0.50	<0.50
08/03/2004	<1,000	<10	850	<500	<5.0	680	<50	<0.50	<0.50	<50	<0.50	<0.50
09/16/2004	<250	<2.5	480	<500	<5.0	920	<50	<0.50	<0.50	<50	<0.50	<0.50
10/12/2004	<50	<0.50	320	<150	<1.5	820	<50	<0.50	<0.50	<50	<0.50	<0.50
11/08/2004	<200	<2.0	400	<250	<2.5	700	<50	<0.50	<0.50	<50	<0.50	<0.50
12/02/2004	<250	<2.5	530	<500	<5.0	860	<50	<0.50	<0.50	<50	<0.50	<0.50
01/10/2005	<250	<2.5	350	<500	<5.0	880	<50	<0.50	<0.50	<50	<0.50	<0.50
02/08/2005	<250	<2.5	460	<500	<5.0	830	<50	<0.50	<0.50	<50	<0.50	<0.50
03/07/2005	310	8.9	120	<500	<5.0	850	<50	<0.50	<0.50	<50	<0.50	<0.50
04/13/2005	<250	<2.5	350	<500	<5.0	550	<50	<0.50	1.2	<50	<0.50	<0.50
07/29/2005	<200	3.2	540	<50	<0.50	1.0	<50	<0.50	<0.50	<50	<0.50	1.0
08/04/2005	86 a	1.8	140	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
09/16/2005	77 a	1.1	55	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
10/13/2005	140	0.68	26	<50 a	<0.50	<0.50	<50 a	<0.50	<0.50	<50 a	<0.50	<0.50
11/11/2005	100 a	0.86	26	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
12/16/2005	92	1.0	36	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
01/09/2006	240	2.8	180	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
02/02/2006	150	2.0	140	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
03/03/2006	190	1.4	91	<50	<0.50	2.0	<50	<0.50	<0.50	<50	<0.50	<0.50
04/13/2006	150	3.1	250	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
05/11/2006	120	1.7	120	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/08/2006	190	0.96	63	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
07/07/2006	**120**	**1.6**	**9.9**	**<50**	**<0.50**	**<0.50**	**<50**	**<0.50**	**<0.50**	**<50**	**<0.50**	**<0.50**
08/01/2006	**170**	**0.93**	**20**	**<50**	**<0.50**	**<0.50**	**<50**	**<0.50**	**<0.50**	**<50**	**<0.50**	**<0.50**
09/05/2006	**660**	**23.00**	**55**	**<50**	**<0.50**	**5.1**	**97**	**<0.50**	**<0.50**	**110**	**<0.50**	**<0.50**

Table 1: Groundwater Extraction - System Analytical Data - Shell-branded Service Station, Incident #98995750, 610 Market St, Oakland, California

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tert-butyl ether
Conc. = Concentration
ppb = parts per billion, equivalent to µg/l
TPHg, benzene, and MTBE analyzed by EPA Method 8260B
a - Quantity of unknown hydrocarbon(s) in sample based on gasoline
As of February 1, 2006, gasoline range organics reported as TPHg include MTBE, tertiary-butyl alcohol, and di-isopropyl ether concentrations. TPHg concentrations reported prior to February 1, 2006 may not include one or more of these constituents.

Table 2: Groundwater Extraction - Operation and Mass Removal Data, Shell-branded Service Station, Incident #98995750, 610 Market Street, Oakland, California

Site Visit (mm/dd/yy)	Hour Meter (hours	Flow Meter Reading (gal)	Period Volume (gal)	Period Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	TPHg Period Removal (pounds)	TPHg Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Benzene Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	MTBE Cumulative Removal (pounds)
02/18/03	0.0	100	0	0.00	0	<20,000	0.000	0.000	270	0.0000	0.000	93,000	0.000	0.0
02/18/03	3.5	1,024	924	4.40	924		0.077	0.077		0.0021	0.002		0.717	0.7
02/25/03	140.2	30,312	29,288	3.57	30,212	<20,000	2.44	2.52	<200	0.0244	0.027	74,000	18.1	18.8
03/11/03	475.8	84,666	54,354	2.70	84,566	<10,000	2.27	4.79	<100	0.0227	0.049	47,000	21.3	40.1
03/13/03	524.0	92,030	7,364	2.55	91,930		0.307	5.10		0.0031	0.052		2.89	43.0
03/25/03	527.0	92,840	810	4.50	92,740	<10,000	0.034	5.13	<100	0.0003	0.053	38,000	0.257	43.3
04/07/03	838.6	142,754	49,914	2.67	142,654	30,000	12.5	17.6	<250	0.0521	0.105	33,000	13.7	57.0
04/14/03	985.4	165,205	22,451	2.55	165,105		5.62	23.2		0.0234	0.128		6.18	63.2
04/22/03	1,184.1	197,360	32,155	2.70	197,260	<25,000	3.35	26.6	<250	0.0335	0.162	26,000	6.98	70.2
04/29/03	1,305.4	216,450	19,090	2.62	216,350		1.99	28.6		0.0199	0.182		4.14	74.3
05/01/03	1,351.3	223,850	7,400	2.69	223,750	<10,000	0.309	28.9	<100	0.0031	0.185	25,000	1.54	75.9
05/20/03	1,783.0	291,620	67,770	2.62	291,520	<10,000	2.83	31.7	<100	0.0283	0.213	17,000	9.61	85.5
06/03/03	2,122.1	341,643	50,023	2.46	341,543	<10,000	2.09	33.8	<100	0.0209	0.234	15,000	6.26	91.7
06/17/03	2,456.1	388,001	46,358	2.31	387,901	<10,000	1.93	35.7	<100	0.0193	0.253	17,000	6.58	98.3
06/30/03	2,766.0	429,880	41,879	2.25	429,780		1.75	37.5		0.0175	0.271		5.94	104.2
07/14/03	3,095.9	473,549	43,669	2.21	473,449		1.82	39.3		0.0182	0.289		6.19	110.4
07/28/03	3,423.7	514,826	41,277	2.10	514,726	<5,000	0.861	40.2	<50	0.0086	0.297	7,100	2.45	112.9
08/11/03	3,761.9	545,750	30,924	1.52	545,650	<2,500	0.323	40.5	<25	0.0032	0.301	4,900	1.26	114.1
08/28/03	4,171.0	595,525	49,775	2.03	595,425	<2,500	0.519	41.0	<25	0.0052	0.306	7,700	3.20	117.3
09/08/03	4,435.4	626,720	31,195	1.97	626,620	<2,500	0.325	41.3	<25	0.0033	0.309	6,600	1.72	119.1
09/22/03	4,769.9	665,449	38,729	1.93	665,349	<5,000	0.808	42.2	<50	0.0081	0.317	5,700	1.84	120.9
10/08/03	5,084.6	701,104	35,655	1.89	701,004	<2,500	0.372	42.5	<25	0.0037	0.321	3,100	0.922	121.8
10/21/03	5,396.7	735,644	34,540	1.84	735,544	<5,000	0.721	43.2	<50	0.0072	0.328	3,800	1.10	122.9
11/06/03	5,785.7	778,218	42,574	1.82	778,118	<1,000	0.178	43.4	<10	0.0018	0.330	3,500	1.24	124.2
11/19/03	6,097.1	810,223	32,005	1.71	810,123		0.134	43.6		0.0013	0.331		0.935	125.1
12/05/03	6,481.6	849,610	39,387	1.71	849,510	<2,000	0.329	43.9	<20	0.0033	0.334	3,400	1.12	126.2
12/23/03	6,909.0	898,595	48,985	1.91	898,495		0.409	44.3		0.0041	0.339		1.390	127.6
01/02/04	7,057.2	917,835	19,240	2.16	917,735		0.161	44.5		0.0016	0.340		0.546	128.2
01/09/04	7,170.7	941,766	23,931	3.51	941,666	<2,000	0.200	44.7	<20	0.0020	0.342	2,700	0.539	128.7
01/21/04	7,461.1	986,590	44,824	2.57	986,490		0.374	45.0		0.0037	0.346		1.010	129.7
02/09/04	7,492.3	991,309	4,719	2.52	991,209	<250	0.005	45.0	7.8	0.0003	0.346	250	0.010	129.7
02/25/04	7,872.5	1,048,823	57,514	2.52	1,048,723		0.060	45.1		0.0037	0.350		0.120	129.8
03/09/04	7,952.6	1,062,912	14,089	2.93	1,062,812	<250	0.015	45.1	8.6	0.0010	0.351	700	0.082	129.9
03/23/04	8,285.6	1,117,340	54,428	2.72	1,117,240		0.057	45.2		0.0039	0.355		0.318	130.2
04/13/04	8,792.3	1,191,229	73,889	2.43	1,191,129	<1,000	0.308	45.5	<10	0.0031	0.358	1,900	1.17	131.4

Table 2: Groundwater Extraction - Operation and Mass Removal Data, Shell-branded Service Station, Incident #98995750, 610 Market Street, Oakland, California

Site Visit (mm/dd/yy)	Hour Meter (hours	Flow Meter Reading (gal)	Period Volume (gal)	Period Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	TPHg Period Removal (pounds)	TPHg Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Benzene Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	MTBE Cumulative Removal (pounds)
04/29/04	9,010.2	1,221,189	29,960	2.29	1,221,089		0.125	45.6		0.0012	0.359		0.475	131.9
05/10/04	9,273.9	1,256,838	35,649	2.25	1,256,738	<1,000	0.149	45.7	<10	0.0015	0.361	1,600	0.476	132.4
05/25/04	9,633.5	1,299,232	42,394	1.96	1,299,132		0.177	45.9		0.0018	0.362		0.566	132.9
05/28/04	9,633.5	1,299,232	0	0.00	1,299,132	3,400	0.000	45.9	170	0.0000	0.362	1,200	0.000	132.9
06/09/04	9,784.0	1,317,792	18,560	2.06	1,317,692	<1,000	0.077	46.0	<10	0.0008	0.363	1,100	0.170	133.1
06/22/04	10,092.7	1,353,124	35,332	1.91	1,353,024		0.147	46.1		0.0015	0.365		0.324	133.4
07/07/04	10,452.9	1,392,516	39,392	1.82	1,392,416	<1,000	0.164	46.3	<10	0.0016	0.366	1,100	0.362	133.8
07/22/04	10,815.9	1,431,329	38,813	1.78	1,431,229		0.162	46.5		0.0016	0.368		0.356	134.1
08/03/04	11,101.8	1,458,993	27,664	1.61	1,458,893	<1,000	0.115	46.6	<10	0.0012	0.369	850	0.196	134.3
08/18/04	11,462.6	1,489,829	30,836	1.42	1,489,729		0.129	46.7		0.0013	0.370		0.219	134.5
08/31/04	11,774.4	1,509,195	19,366	1.04	1,509,095		0.081	46.8		0.0008	0.371		0.137	134.7
09/16/04	12,158.3	1,544,659	35,464	1.54	1,544,559	<250	0.037	46.8	<2.5	0.0004	0.372	480	0.142	134.8
09/29/04	12,454.1	1,570,554	25,895	1.46	1,570,454		0.027	46.9		0.0003	0.372		0.104	134.9
10/12/04	12,764.9	1,596,571	26,017	1.40	1,596,471	<50	0.005	46.9	<0.50	0.0001	0.372	320	0.069	135.0
10/29/04	13,155.1	1,629,213	32,642	1.39	1,629,113		0.007	46.9		0.0001	0.372		0.087	135.1
11/08/04	13,396.0	1,650,078	20,865	1.44	1,649,978	<200	0.017	46.9	<2.0	0.0002	0.372	400	0.070	135.2
11/23/04	13,753.4	1,681,329	31,251	1.46	1,681,229		0.026	46.9		0.0003	0.372		0.104	135.3
12/02/04	13,970.7	1,699,369	18,040	1.38	1,699,269	<250	0.019	46.9	<2.5	0.0002	0.373	530	0.080	135.3
12/13/04	14,232.5	1,722,500	23,131	1.47	1,722,400		0.024	47.0		0.0002	0.373		0.102	135.4
12/27/04	14,569.0	1,753,347	30,847	1.53	1,753,247		0.032	47.0		0.0003	0.373		0.136	135.6
01/10/05	14,908.0	1,791,516	38,169	1.88	1,791,416	<250	0.040	47.0	<2.5	0.0004	0.374	350	0.111	135.7
01/24/05	15250.0 a	1,833,667	42,151	2.05	1,833,567		0.044	47.1		0.0004	0.374		0.123	135.8
02/08/05	15610.0 a	1,877,563	43,896	2.03	1,877,463	<250	0.046	47.1	<2.5	0.0005	0.374	460	0.168	136.0
02/22/05	977.7 b	1,905,770	28,207	1.41	1,905,670		0.029	47.2		0.0003	0.375		0.108	136.1
03/07/05	981.5	1,906,415	645	2.83	1,906,315	310	0.002	47.2	8.9	0.0000	0.375	120	0.001	136.1
03/21/05	1313.8	1,955,583	49,168	2.47	1,955,483		0.127	47.3		0.0037	0.378		0.049	136.1
04/13/05	1868.6	2,040,301	84,718	2.55	2,040,201	<250	0.088	47.4	<2.5	0.0009	0.379	350	0.247	136.4
04/26/05	2178.9	2,075,269	34,968	1.88	2,075,169		0.036	47.4		0.0004	0.380		0.102	136.5
07/22/05	2255.0	2,086,544	11,275	2.47	2,086,444		0.009	47.4		0.0003	0.380		0.051	136.5
07/29/05	2419.6	2,088,327	1,783	0.18	2,088,227	<200	0.001	47.4	3.2	0.0000	0.380	540	0.008	136.6
08/04/05	2562.3	2,090,240	1,913	0.22	2,090,140	86 c	0.001	47.4	1.8	0.0000	0.380	140	0.002	136.6
08/23/05	3020.5	2,095,197	4,957	0.18	2,095,097		0.004	47.4		0.0001	0.380		0.006	136.6
09/16/05	3596.9	2,101,199	6,003	0.17	2,101,099	77 c	0.004	47.4	1.1	0.0001	0.380	55	0.003	136.6
09/30/05	3932.7	2,104,244	3,045	0.15	2,104,144		0.002	47.4		0.0000	0.380		0.001	136.6

Table 2: Groundwater Extraction - Operation and Mass Removal Data, Shell-branded Service Station, Incident #98995750, 610 Market Street, Oakland, California

Site Visit (mm/dd/yy)	Hour Meter (hours	Flow Meter Reading (gal)	Period Volume (gal)	Period Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	TPHg Period Removal (pounds)	TPHg Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Benzene Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	MTBE Cumulative Removal (pounds)
10/13/05	4247.0	2,107,078	2,834	0.15	2,106,978	140	0.003	47.4	0.68	0.0000	0.380	26	0.001	136.6
10/28/05	4603.6	2,109,993	2,915	0.14	2,109,893		0.003	47.4		0.0000	0.380		0.001	136.6
11/11/05	4941.6	2,112,924	2,931	0.14	2,112,824	100 c	0.002	47.4	0.86	0.0000	0.380	26	0.001	136.6
11/23/05	5227.2	2,115,278	2,354	0.14	2,115,178		0.002	47.4		0.0000	0.380		0.001	136.6
12/16/05	5779.7	2,120,371	5,093	0.15	2,120,271	92	0.004	47.4	1.0	0.0000	0.380	36	0.002	136.6
12/30/05	6115.8	2,125,465	5,094	0.25	2,125,365		0.004	47.4		0.0000	0.380		0.002	136.6
01/09/06	6358.4	2,129,968	4,503	0.31	2,129,868	240	0.009	47.5	2.8	0.0001	0.381	180	0.007	136.6
01/20/06	6620.0	2,134,437	4,469	0.28	2,134,337		0.009	47.5		0.0001	0.381		0.007	136.6
02/02/06	6930.2	2,139,637	5,200	0.28	2,139,537	150	0.007	47.5	2.0	0.0001	0.381	140	0.006	136.6
02/17/06	7289.0	2,145,122	5,485	0.25	2,145,022		0.007	47.5		0.0001	0.381		0.006	136.6
03/03/06	7626.1	2,150,516	5,394	0.27	2,150,416	190	0.009	47.5	1.4	0.0001	0.381	91	0.004	136.6
03/17/06	7963.7	2,153,262	2,746	0.14	2,153,162		0.004	47.5		0.0000	0.381		0.002	136.6
03/31/06	8299.5	2,160,188	6,926	0.34	2,160,088		0.011	47.5		0.0001	0.381		0.005	136.6
04/13/06	8614.7	2,168,040	7,852	0.42	2,167,940	150	0.010	47.5	3.1	0.0002	0.381	250	0.016	136.6
04/27/06	8949.0	2,175,853	7,813	0.39	2,175,753		0.010	47.5		0.0002	0.381		0.016	136.6
05/11/06	9282.4	2,182,492	6,639	0.33	2,182,392	120	0.007	47.5	1.7	0.0001	0.381	120	0.007	136.6
05/26/06	9642.0	2,189,098	6,606	0.31	2,188,998		0.007	47.5		0.0001	0.382		0.007	136.7
06/08/06	9953.6	2,194,105	5,007	0.27	2,194,005	190	0.008	47.5	0.96	0.0000	0.382	63	0.003	136.7
06/22/06	10289.9	2,199,001	4,896	0.24	2,198,901		0.008	47.6		0.0000	0.382		0.003	136.7
07/07/06	**10650.1**	**2,200,780**	**1,779**	**0.08**	**2,200,680**	**120**	**0.002**	**47.6**	**1.6**	**0.0000**	**0.382**	**9.9**	**0.000**	**136.7**
07/18/06	**10762.0**	**2,202,272**	**1,492**	**0.22**	**2,202,172**		**0.001**	**47.6**		**0.0000**	**0.382**		**0.000**	**136.7**
08/01/06	**11105.1**	**2,206,401**	**4,129**	**0.20**	**2,206,301**	**170**	**0.006**	**47.6**	**0.93**	**0.0000**	**0.382**	**20**	**0.001**	**136.7**
08/16/06	**11461.9**	**2,210,312**	**3,911**	**0.18**	**2,210,212**		**0.006**	**47.6**		**0.0000**	**0.382**		**0.001**	**136.7**
09/05/06	**11941.8**	**2,215,160**	**4,848**	**0.17**	**2,215,060**	**660**	**0.027**	**47.6**	**23**	**0.0009**	**0.383**	**55**	**0.002**	**136.7**
09/19/06	**12274.3**	**2,218,242**	**3,082**	**0.15**	**2,218,142**		**0.017**	**47.6**		**0.0006**	**0.383**		**0.001**	**136.7**
		Total Extracted Volume:	**0**			**Total Pounds Removed:**		**47.6**	**Total Pounds Removed:**		**0.383**	**Total Pounds Removed:**		**137**
		Average Operational Flow Rate:	**0.00**			**Total Gallons Removed:**		**7.82**	**Total Gallons Removed:**		**0.052**	**Total Gallons Removed:**		**22.1**

Table 2: Groundwater Extraction - Operation and Mass Removal Data, Shell-branded Service Station, Incident #98995750, 610 Market Street, Oakland, California

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tert-butyl ether
Conc. = Concentration
ppb = Parts per billion, equivalent to µg/L
µg/L = Micrograms per liter
L = Liter
gal = Gallon
g = Gram
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x ($g/10^6 \mu g$) x (pound/453.6g) x (3.785 L/gal)
When constituents are not detected, the concentration is assumed to be equal to half the detection limit in subsequent calculations.
Volume removal data based on the formula: mass (pounds) x $(density)^{-1}$ (cc/g) x 453.6 (g/pound) x (L/1000 cc) * (gal/3.785 L)
Density inputs: TPHg = 0.73 g/cc, benzene = 0.88 g/cc, MTBE = 0.74 g/cc
TPHg, BTEX, and MTBE analyzed by EPA Method 8260B
a. Hour meter value is calculated due to hour meter failure
b. Hour meter replaced on 2/8/05. Initial reading 645.2 hours.
c. Quantity of unknown hydrocarbon(s) in sample is based on gasoline

As of February 1, 2006, gasoline range organics reported as TPHg include MTBE, tertiary-butyl alcohol, and di-isopropyl ether concentrations. TPHg concentrations reported prior to February 1, 2006 may not include one or more of these constituents.

Attachment A

Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

October 17, 2006

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

Third Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
610 Market Street
Oakland, CA

Monitoring performed on September 25, 2006

Groundwater Monitoring Report **060925-BP-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

cc: Anni Friel
Cambria Environmental Technology, Inc.
270 Perkins St.
Sonoma, CA 95476

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/17/1998	2,200	20	<10	110	420	<50	NA	NA	NA	NA	NA	21.70	13.71	7.99
MW-1	03/09/1999	4,320	25.8	<10.0	338	474	<100	NA	NA	NA	NA	NA	21.70	13.03	8.67
MW-1	06/16/1999	6,150	107	84.0	615	1,050	<250	NA	NA	NA	NA	NA	21.70	13.82	7.88
MW-1	09/29/1999	3,440	97.3	58.7	433	578	89.1	NA	NA	NA	NA	NA	21.70	14.45	7.25
MW-1	12/22/1999	1,370	34.5	4.38	196	49.1	29.3	NA	NA	NA	NA	NA	21.70	15.39	6.31
MW-1	03/21/2000	2,550	10.3	3.36	164	312	65.6	NA	NA	NA	NA	NA	21.70	11.94	9.76
MW-1	06/20/2000	4,770	64.3	18.6	387	732	51.3	NA	NA	NA	NA	NA	21.70	13.15	8.55
MW-1	09/21/2000	7,490	350	229	690	1,490	160	NA	NA	NA	NA	NA	21.70	13.65	8.05
MW-1	11/30/2000	5,410	420	168	494	1,170	167	NA	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	03/06/2001	965	25.7	9.14	13.3	9.12	<25.0	NA	NA	NA	NA	NA	21.70	12.99	8.71
MW-1	06/28/2001	5,900	190	71	360	910	NA	110	NA	NA	NA	NA	21.70	13.98	7.72
MW-1	09/12/2001	7,400	240	110	460	1,300	NA	130	NA	NA	NA	NA	21.70	14.15	7.55
MW-1	12/12/2001	1,700	100	30	120	300	NA	98	NA	NA	NA	NA	21.70	13.75	7.95
MW-1	03/08/2002	1,100	63	12	74	83	NA	50	NA	NA	NA	NA	21.70	13.22	8.48
MW-1	06/06/2002	2,300	95	31	130	290	NA	49	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	09/09/2002	3,600	150	44	200	590	NA	54	NA	NA	NA	NA	21.70	14.05	7.65
MW-1	12/12/2002	2,200	130	14	120	310	NA	46	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	02/26/2003	580	30	2.9	25	48	NA	27	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.67	8.03
MW-1	06/13/2003	440	18	6.1	33	88	NA	24	NA	NA	NA	NA	21.70	13.85	7.85
MW-1	09/26/2003	54	3.8	0.51	4.7	7.5	NA	11	NA	NA	NA	NA	21.70	14.63	7.07
MW-1	11/24/2003	120	5.6	0.87	8.4	20	NA	17	NA	NA	NA	NA	21.70	14.86	6.84
MW-1	03/01/2004	350	20	3.8	38	100	NA	18	NA	NA	NA	NA	21.70	12.85	8.85
MW-1	06/15/2004	100	1.8	<0.50	2.6	6.1	NA	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	09/16/2004	200	20	0.75	7.8	16	NA	27	<2.0	<2.0	<2.0	<5.0	21.70	14.60	7.10
MW-1	12/29/2004	67	1.8	<0.50	1.8	3.5	NA	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	02/28/2005	60	1.8	<0.50	1.9	3.6	NA	22	NA	NA	NA	NA	21.70	12.45	9.25
MW-1	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	12.50	9.20

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	05/18/2005	92	5.3	<0.50	5.4	12	NA	9.7	NA	NA	NA	NA	21.70	12.22	9.48
MW-1	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.51	8.19
MW-1	09/15/2005	210	16	<0.50	4.3	19	NA	19	<2.0	<2.0	<2.0	320	21.70	14.00	7.70
MW-1	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	14.30	7.40
MW-1	12/13/2005	<50.0	7.55	2.14	2.39	2.73	NA	18.6	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	03/08/2006	<50.0	1.95	<0.500	1.29	2.42	NA	13.6	NA	NA	NA	NA	21.70	12.10	9.60
MW-1	06/27/2006	180	22	1.9	8.0	25	NA	34	NA	NA	NA	NA	21.70	12.70	9.00
MW-1	**09/25/2006**	**160**	**16**	**<0.50**	**2.1**	**11**	**NA**	**23**	**<1.0**	**<1.0**	**<1.0**	**<10**	**21.70**	**14.07**	**7.63**
MW-2	12/17/1998	<5,000	<50	<50	<50	<50	11,000	NA	NA	NA	NA	NA	19.61	12.07	7.54
MW-2	03/09/1999	<250	5.20	<2.50	<2.50	<2.50	9,870	NA	NA	NA	NA	NA	19.61	11.46	8.15
MW-2	06/16/1999	<50.0	0.569	<0.500	<0.500	<0.500	3,440	NA	NA	NA	NA	NA	19.61	12.26	7.35
MW-2	09/29/1999	58.6	2.51	0.978	<0.500	<0.500	3,930	NA	NA	NA	NA	NA	19.61	12.51	7.10
MW-2	12/22/1999	<2,000	50.4	<20.0	<20.0	<20.0	15,000	NA	NA	NA	NA	NA	19.61	13.40	6.21
MW-2	03/21/2000	<5,000	94.7	<50.0	<50.0	<50.0	13,900	NA	NA	NA	NA	NA	19.61	10.36	9.25
MW-2	06/20/2000	101	5.95	<0.500	<0.500	0.552	7,670	NA	NA	NA	NA	NA	19.61	11.12	8.49
MW-2	09/21/2000	<2,000	<20.0	<20.0	<20.0	<20.0	4,460	NA	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	11/30/2000	81.1	4.46	0.924	0.841	3.23	3,450	NA	NA	NA	NA	NA	19.61	12.48	7.13
MW-2	03/06/2001	<500	183	<5.00	<5.00	<5.00	14,000	NA	NA	NA	NA	NA	19.61	11.10	8.51
MW-2	06/28/2001	<1,000	<10	<10	<10	<10	NA	4,200	NA	NA	NA	NA	19.61	12.40	7.21
MW-2	09/12/2001	<2,000	120	<20	<20	<20	NA	17,000	NA	NA	NA	NA	19.61	12.45	7.16
MW-2	12/12/2001	<1,000	<10	<10	<10	<10	NA	3,000	NA	NA	NA	NA	19.61	12.14	7.47
MW-2	03/08/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1,100	NA	NA	NA	NA	19.61	11.68	7.93
MW-2	06/06/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2,000	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	09/09/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	740	NA	NA	NA	NA	19.62	12.38	7.24
MW-2	12/12/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	1,000	NA	NA	NA	NA	19.62	12.40	7.22
MW-2	02/26/2003	<500	<5.0	<5.0	<5.0	<5.0	NA	1,600	NA	NA	NA	NA	19.62	12.69	6.93
MW-2	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.62	12.81	6.81

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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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	06/13/2003	<500	<5.0	<5.0	<5.0	<10	NA	790	NA	NA	NA	NA	19.62	12.65	6.97
MW-2	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	NA	18.20	12.95	5.25
MW-2	11/24/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	87	NA	NA	NA	NA	18.20	12.89	5.31
MW-2	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	35	NA	NA	NA	NA	18.20	10.08	8.12
MW-2	06/15/2004	66 b	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	NA	18.20	12.85	5.35
MW-2	09/16/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	26	<2.0	<2.0	<2.0	<5.0	18.20	12.00	6.20
MW-2	12/29/2004	<50	<0.50	0.73	<0.50	<1.0	NA	43	NA	NA	NA	NA	18.20	11.60	6.60
MW-2	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	9.71	8.49
MW-2	03/23/2005	340 f	3.9	<2.0	<2.0	<4.0	NA	370	NA	NA	NA	NA	18.20	10.10	8.10
MW-2	05/18/2005	<100	4.6	<1.0	<1.0	3.3	NA	160	NA	NA	NA	NA	18.20	10.21	7.99
MW-2	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	10.53	7.67
MW-2	09/15/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	520	18.20	11.98	6.22
MW-2	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	11.38	6.82
MW-2	12/13/2005	<50.0	<0.500	1.66	<0.500	<0.500	NA	2.11	NA	NA	NA	NA	18.20	10.71	7.49
MW-2	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	18.20	9.50	8.70
MW-2	06/27/2006	<100 m	<1.0 m	<1.0 m	<1.0 m	<1.0 m	NA	9.1 m	NA	NA	NA	NA	18.20	9.73	8.47
MW-2	**09/25/2006**	**83 n**	**<2.5**	**<2.5**	**<2.5**	**<5.0**	**NA**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**4,500**	**18.20**	**11.08**	**7.12**
MW-3	12/17/1998	30,000	890	110	2,100	4,300	42,000	43,000	NA	NA	NA	NA	19.05	11.65	7.40
MW-3	03/09/1999	22,700	536	<200	1,030	1,510	35,400	38,500	NA	NA	NA	NA	19.05	11.03	8.02
MW-3	06/16/1999	19,300	625	129	805	1,210	42,400	51,600	NA	NA	NA	NA	19.05	11.89	7.16
MW-3	09/29/1999	20,200	727	155	1,000	1,180	84,100	136,000 a	NA	NA	NA	NA	19.05	12.35	6.70
MW-3	12/22/1999	44,500	767	64.4	1,810	2,090	191,000	186,000 a	NA	NA	NA	NA	19.05	13.45	5.60
MW-3	03/21/2000	<25,000	466	<250	727	2,280	126,000	155,000	NA	NA	NA	NA	19.05	10.00	9.05
MW-3	06/20/2000	16,200	1,140	98.8	1,140	1,410	579,000	376,000 a	NA	NA	NA	NA	19.05	11.15	7.90
MW-3	09/21/2000	<50,000	712	<500	520	795	293,000	298,000	NA	NA	NA	NA	19.05	11.58	7.47
MW-3	11/30/2000	18,000	1,050	124	1,120	2,010	543,000a	403,000 a	NA	NA	NA	NA	19.05	12.10	6.95
MW-3	03/06/2001	19,900	1,290	115	1,450	1,760	706,000	149,000	NA	NA	NA	NA	19.05	11.00	8.05

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MW-3	06/28/2001	<50,000	1,200	<250	1,100	1,300	NA	610,000	NA	NA	NA	NA	19.05	11.96	7.09
MW-3	09/12/2001	<20,000	430	<200	230	480	NA	390,000	NA	NA	NA	NA	19.05	12.05	7.00
MW-3	10/23/2001	11,000	350	<100	210	440	NA	290,000	NA	NA	NA	NA	19.05	12.62	6.43
MW-3	12/12/2001	<20,000	280	<200	<200	<200	NA	160,000	NA	NA	NA	NA	19.05	11.83	7.22
MW-3	03/08/2002	<20,000	270	<200	<200	<200	NA	340,000	NA	NA	NA	NA	19.05	11.26	7.79
MW-3	06/06/2002	<50,000	290	<250	<250	<250	NA	290,000	NA	NA	NA	NA	19.05	11.50	7.55
MW-3	09/09/2002	<20,000	<200	<200	<200	<200	NA	230,000	NA	NA	NA	NA	19.06	11.92	7.14
MW-3	12/12/2002	<50,000	<200	<200	<200	<500	NA	190,000	NA	NA	NA	NA	19.06	10.95	8.11
MW-3	02/26/2003	<25,000	<250	<250	<250	<250	NA	210,000	NA	NA	NA	NA	19.06	15.01	4.05
MW-3	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.06	15.12	3.94
MW-3	06/13/2003	<25,000	<250	<250	<250	<500	NA	27,000	NA	NA	NA	NA	19.06	15.25	3.81
MW-3	09/26/2003	<10,000	<100	<100	<100	<200	NA	15,000	NA	NA	NA	NA	18.08	16.65 c	NA
MW-3	11/24/2003	<10,000	<100	<100	<100	<200	NA	9,900	NA	NA	NA	NA	18.08	15.13	2.95
MW-3	03/01/2004	<10,000	<100	<100	<100	<200	NA	8,000	NA	NA	NA	NA	18.08	9.97	8.11
MW-3	06/15/2004	<10,000	<100	<100	<100	<200	NA	6,900	NA	NA	NA	NA	18.08	15.05	3.03
MW-3	09/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	1,000	<20	<20	<20	75	18.08	14.70	3.38
MW-3	12/29/2004	<250	2.8	<2.5	<2.5	<5.0	NA	580	NA	NA	NA	NA	18.08	14.83	3.25
MW-3	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.08	9.60	8.48
MW-3	03/23/2005	<1,000	<10	<10	<10	<20	NA	1,500	NA	NA	NA	NA	18.08	12.68	5.40
MW-3	05/18/2005	1,200	49	<10	47	<20	NA	3,400	NA	NA	NA	NA	18.08	10.60	7.48
MW-3	08/16/2005	NA	NA	NA	NA	NA	NA	330	NA	NA	NA	NA	18.08	15.22	2.86
MW-3	09/15/2005	<1,000	<10	<10	<10	<20	NA	140	<40	<40	<40	180	18.08	15.30	2.78
MW-3	10/26/2005	NA	NA	NA	NA	NA	NA	48	NA	NA	NA	NA	18.08	15.00	3.08
MW-3	12/13/2005	482	4.56	1.64 h	<0.500	<0.500	NA	72.5	NA	NA	NA	273	18.08	11.18	6.90
MW-3	03/08/2006	627	2.62	<0.500	1.71	1.25	NA	175	NA	NA	NA	483	18.08	14.95	3.13
MW-3	06/27/2006	530	8.3	<2.5	9.5	3.5	NA	100	NA	NA	NA	NA	18.08	14.63	3.45
MW-3	**09/25/2006**	**520**	**12**	**<2.5**	**6.5**	**<5.0**	**NA**	**110**	**<5.0**	**<5.0**	**<5.0**	**2,900**	**18.08**	**11.23**	**6.85**

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MW-4	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.64	NA
MW-4	05/20/2002	<1,000	<10	<10	<10	<10	NA	4,600	NA	NA	NA	NA	NA	10.64	NA
MW-4	06/06/2002	<1,000	<10	<10	<10	<10	NA	4,800	NA	NA	NA	NA	NA	10.61	NA
MW-4	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.07	6.96
MW-4	09/18/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1,000	NA	NA	NA	NA	18.03	11.15	6.88
MW-4	12/12/2002	<100	<1.0	<1.0	<1.0	<1.0	NA	370	NA	NA	NA	NA	18.03	11.13	6.90
MW-4	02/26/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	18.03	10.61	7.42
MW-4	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.73	7.30
MW-4	06/13/2003	180 b	<0.50	110	<0.50	<1.0	NA	2.3	NA	NA	NA	NA	18.03	10.88	7.15
MW-4	09/26/2003	<5,000	<50	<50	<50	<100	NA	13,000	NA	NA	NA	NA	18.03	11.58	6.45
MW-4	11/24/2003	<13,000	<130	<130	<130	<250	NA	11,000	NA	NA	NA	NA	18.03	11.78	6.25
MW-4	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.47	8.56
MW-4	06/15/2004	<500	<5.0	<5.0	<5.0	<10	NA	630	NA	NA	NA	NA	18.03	11.38	6.65
MW-4	09/16/2004	<100	<1.0	12	<1.0	<2.0	NA	280	<4.0	<4.0	<4.0	280	18.03	11.80	6.23
MW-4	12/29/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	10.63	7.40
MW-4	02/28/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.20	8.83
MW-4	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	9.43	8.60
MW-4	05/18/2005	1,900	<5.0	<5.0	16	97	NA	910	NA	NA	NA	NA	18.03	9.75	8.28
MW-4	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.85	7.18
MW-4	09/15/2005	<2,500	<25	<25	<25	85	NA	5,100	<100	<100	<100	400	18.03	11.30	6.73
MW-4	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.45	6.58
MW-4	12/13/2005	3,480	<0.500	1.54 h	<0.500	<0.500	NA	2,490 j	NA	NA	NA	201	18.03	11.70	6.33
MW-4	03/08/2006	1,560	<0.500	0.910	<0.500	3.39	NA	0.870	NA	NA	NA	<10.0	18.03	9.25	8.78
MW-4	06/27/2006	75	<0.50	18	<0.50	<0.50	NA	63	NA	NA	NA	<20	18.03	10.12	7.91
MW-4	**09/25/2006**	**670 n**	**<10**	**<10**	**<10**	**<20**	**NA**	**1,400**	**<20**	**<20**	**<20**	**430**	**18.03**	**11.23**	**6.80**
MW-5	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.40	NA
MW-5	05/20/2002	<2,500	<25	<25	<25	<25	NA	17,000	NA	NA	NA	NA	NA	10.41	NA

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MW-5	06/06/2002	<5,000	<50	<50	<50	<50	NA	15,000	NA	NA	NA	NA	NA	10.36	NA
MW-5	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/18/2002	<2,500	<25	<25	<25	<25	NA	16,000	NA	NA	NA	NA	17.78	10.81	6.97
MW-5	12/12/2002	<2,500	<25	<25	<25	<25	NA	13,000	NA	NA	NA	NA	17.78	10.83	6.95
MW-5	02/26/2003	<2,000	<20	<20	<20	<20	NA	7,500	NA	NA	NA	NA	17.78	10.57	7.21
MW-5	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.69	7.09
MW-5	06/13/2003	<2,500	<25	<25	<25	<50	NA	4,400	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/26/2003	<2,500	<25	<25	<25	<50	NA	4,700	NA	NA	NA	NA	17.78	11.49	6.29
MW-5	11/24/2003	<10,000	<100	<100	<100	<200	NA	7,100	NA	NA	NA	NA	17.78	11.70	6.08
MW-5	03/01/2004	<2,000	<20	<20	<20	<40	NA	2,800	NA	NA	NA	NA	17.78	9.68	8.10
MW-5	06/15/2004	<2,000	<20	<20	<20	<40	NA	2,100	NA	NA	NA	NA	17.78	11.28	6.50
MW-5	09/16/2004	<2,000	<20	<20	<20	<40	NA	2,200	<80	<80	<80	2,800	17.78	11.62	6.16
MW-5	12/29/2004	<2,000	<20	<20	<20	<40	NA	3,700	NA	NA	NA	NA	17.78	11.11	6.67
MW-5	02/28/2005	<200	<2.0	<2.0	<2.0	<4.0	NA	740	NA	NA	NA	NA	17.78	9.50	8.28
MW-5	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	9.70	8.08
MW-5	05/18/2005	<50 g	<0.50	<0.50	<0.50	<1.0	NA	180	NA	NA	NA	NA	17.78	9.49	8.29
MW-5	06/17/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	9.89	7.89
MW-5	07/15/2005	NA	NA	NA	NA	NA	NA	350	NA	NA	NA	NA	17.78	10.20	7.58
MW-5	08/16/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	10.50	7.28
MW-5	09/15/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	500	<10	<10	<10	670	17.78	10.96	6.82
MW-5	10/26/2005	NA	NA	NA	NA	NA	NA	260	NA	NA	NA	NA	17.78	11.22	6.56
MW-5	12/13/2005	438	<0.500	1.49 h	<0.500	<0.500	NA	167	NA	NA	NA	452	17.78	11.05	6.73
MW-5	03/08/2006	330	<0.500	<0.500	<0.500	<0.500	NA	169	NA	NA	NA	206	17.78	9.30	8.48
MW-5	06/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	60	NA	NA	NA	75	17.78	9.83	7.95
MW-5	**09/25/2006**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**22**	**<1.0**	**<1.0**	**<1.0**	**<10**	**17.78**	**10.96**	**6.82**
MW-6	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	NA	NA
MW-6	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	13.80	4.30

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MW-6	04/15/2003	14,000	<250	<250	<250	<500	NA	41,000	NA	NA	NA	NA	18.10	15.05	3.05
MW-6	06/13/2003	<10,000	<100	<100	<100	<200	NA	27,000	NA	NA	NA	NA	18.10	14.42	3.68
MW-6	09/26/2003	<5,000	<50	<50	<50	<100	NA	11,000	NA	NA	NA	NA	18.05	18.35 c	NA
MW-6	11/24/2003	<10,000	<100	<100	<100	<200	NA	5,000	NA	NA	NA	NA	18.05	14.68	3.37
MW-6	03/01/2004	<1,000	<10	<10	<10	<20	NA	2,500	NA	NA	NA	NA	18.05	9.84	8.21
MW-6	06/15/2004	<1,000	<10	<10	<10	<20	NA	2,800	NA	NA	NA	NA	18.05	14.82	3.23
MW-6	09/16/2004	<1,000	<10	<10	<10	<20	NA	830	<40	<40	<40	610	18.05	14.20	3.85
MW-6	12/29/2004	<200	<2.0	<2.0	<2.0	<4.0	NA	530	NA	NA	NA	NA	18.05	14.78	3.27
MW-6	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.05	9.58	8.47
MW-6	03/23/2005	290 f	<2.0	<2.0	<2.0	<4.0	NA	590	NA	NA	NA	NA	18.05	14.22	3.83
MW-6	05/18/2005	390	8.7	<0.50	0.93	9.0	NA	68	NA	NA	NA	NA	18.05	9.79	8.26
MW-6	08/16/2005	NA	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	18.05	10.64	7.41
MW-6	09/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	45	<20	<20	<20	21,000 e	18.05	11.83	6.22
MW-6	10/26/2005	NA	NA	NA	NA	NA	NA	31	NA	NA	NA	NA	18.05	11.31	6.74
MW-6	12/13/2005	982	<0.500	1.36 h	<0.500	<0.500	NA	35.1	NA	NA	NA	11,300 i	18.05	11.22	6.83
MW-6	03/08/2006	2,110	<0.500	<0.500	<0.500	<0.500	NA	29.6	NA	NA	NA	21,800	18.05	9.50	8.55
MW-6	06/27/2006	510	<0.50	<0.50	<0.50	<0.50	NA	94	NA	NA	NA	<20	18.05	9.84	8.21
MW-6	**09/25/2006**	**730 n**	**<25**	**<25**	**<25**	**<50**	**NA**	**<50**	**<50**	**<50**	**<50**	**16,000**	**18.05**	**11.08**	**6.97**
MW-7	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	NA	NA
MW-7	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	13.85	5.31
MW-7	04/15/2003	6,000	<100	<100	<100	<200	NA	19,000	NA	NA	NA	NA	19.16	13.95	5.21
MW-7	06/13/2003	<5,000	<50	<50	<50	<100	NA	5,700	NA	NA	NA	NA	19.16	13.92	5.24
MW-7	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	110	NA	NA	NA	NA	19.13	13.85	5.28
MW-7	11/24/2003	<50	<0.50	0.59	<0.50	1.7	NA	7.6	NA	NA	NA	NA	19.13	13.99	5.14
MW-7	03/01/2004	67 b	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	NA	19.13	10.85	8.28
MW-7	06/15/2004	120 b	<0.50	<0.50	<0.50	<1.0	NA	89	NA	NA	NA	NA	19.13	13.27	5.86
MW-7	09/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	130	<20	<20	<20	4,700	19.13	12.83	6.30

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-7	12/29/2004	<500	<5.0	<5.0	<5.0	<10	NA	130	NA	NA	NA	NA	19.13	11.82	7.31
MW-7	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	10.59	8.54
MW-7	03/23/2005	<1,000	<10	<10	<10	<20	NA	16	NA	NA	NA	NA	19.13	11.16	7.97
MW-7	05/18/2005	67 g	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	19.13	10.42	8.71
MW-7	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	11.52	7.61
MW-7	09/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	75	<20	<20	<20	16,000	19.13	11.95	7.18
MW-7	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	12.23	6.90
MW-7	12/13/2005	1,210	<0.500	<0.500	<0.500	<0.500	NA	19.1	NA	NA	NA	14,600 i	19.13	12.15	6.98
MW-7	03/08/2006	989	<0.500	<0.500	<0.500	<0.500	NA	7.29	NA	NA	NA	14,000	19.13	10.70	8.43
MW-7	06/27/2006	370	<0.50	<0.50	<0.50	<0.50	NA	16	NA	NA	NA	20,000 l	19.13	10.77	8.36
MW-7	**09/25/2006**	**840 n**	**<10**	**<10**	**<10**	**<20**	**NA**	**<20**	**<20**	**<20**	**<20**	**22,000**	**19.13**	**12.04**	**7.09**
MW-8	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	NA	NA
MW-8	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	14.13	4.59
MW-8	04/15/2003	890	29	22	15	71	NA	430	NA	NA	NA	NA	18.72	14.10	4.62
MW-8	06/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	13.94	4.78
MW-8	09/26/2003	<250	55	51	33	140	NA	330	NA	NA	NA	NA	18.71	14.21	4.50
MW-8	11/24/2003	<5,000	<50	<50	<50	<100	NA	5,600	NA	NA	NA	NA	18.71	14.16	4.55
MW-8	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	18.71	10.34	8.37
MW-8	06/15/2004	2,800	170	240	140	560	NA	440	NA	NA	NA	NA	18.71	13.88	4.83
MW-8	09/16/2004	2,500	180	200	120	490	NA	480	<10	<10	<10	260	18.71	13.92	4.79
MW-8	12/29/2004	4,400	360	600	280	1,400	NA	690	NA	NA	NA	NA	18.71	13.44	5.27
MW-8	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.15	8.56
MW-8	03/23/2005	2,800	120	190	110	420	NA	300	NA	NA	NA	NA	18.71	13.79	4.92
MW-8	05/18/2005	250	34	3.4	6.6	27	NA	110	NA	NA	NA	NA	18.71	10.85	7.86
MW-8	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.95	7.76
MW-8	09/15/2005	460 f	54	21	24	92	NA	250	<4.0	<4.0	<4.0	130	18.71	11.38	7.33
MW-8	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	11.75	6.96

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-8	12/13/2005	1,180	49.6	4.89 h	15.2	76.0	NA	320 j	NA	NA	NA	1,870	18.71	11.80	6.91
MW-8	03/08/2006	1,040	48.0	1.82	5.07	19.9	NA	271	NA	NA	NA	190	18.71	10.50	8.21
MW-8	06/27/2006	730	80	<2.5	8.6	28	NA	360	NA	NA	NA	500 k	18.71	10.00	8.71
MW-8	**09/25/2006**	**830**	**120**	**4.1**	**3.0**	**15**	**NA**	**260**	**3.7**	**<2.5**	**<2.5**	**420**	**18.71**	**11.42**	**7.29**
MW-9	03/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.19	7.59
MW-9	04/15/2003	420	<2.5	<2.5	<2.5	6.3	NA	37	NA	NA	NA	NA	18.78	11.24	7.54
MW-9	06/13/2003	290 b	<0.50	<0.50	<0.50	2.6	NA	34	NA	NA	NA	NA	18.78	11.39	7.39
MW-9	09/26/2003	540 b	<0.50	<0.50	<0.50	9.2	NA	21	NA	NA	NA	NA	18.78	12.12	6.66
MW-9	11/24/2003	650 d	<0.50	<0.50	<0.50	6.3	NA	14	NA	NA	NA	NA	18.78	12.30	6.48
MW-9	03/01/2004	230 d	<0.50	<0.50	<0.50	1.7	NA	7.7	NA	NA	NA	NA	18.78	10.45	8.33
MW-9	06/15/2004	280	<0.50	<0.50	<0.50	1.9	NA	8.3	NA	NA	NA	NA	18.78	11.88	6.90
MW-9	09/16/2004	260	<0.50	<0.50	<0.50	1.5	NA	3.9	<2.0	<2.0	<2.0	<5.0	18.78	12.26	6.52
MW-9	12/29/2004	220	<0.50	<0.50	<0.50	1.2	NA	3.5	NA	NA	NA	NA	18.78	11.76	7.02
MW-9	02/28/2005	140 g	<0.50	<0.50	<0.50	<1.0	NA	1.5	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	10.14	8.64
MW-9	05/18/2005	210 g	<0.50	<0.50	<0.50	<1.0	NA	2.8	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.25	7.53
MW-9	09/15/2005	230 g	<0.50	<0.50	<0.50	1.1	NA	2.6	<2.0	<2.0	<2.0	<5.0	18.78	11.75	7.03
MW-9	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.97	6.81
MW-9	12/13/2005	504	<0.500	<0.500	<0.500	2.53	NA	2.88	NA	NA	NA	NA	18.78	11.92	6.86
MW-9	03/08/2006	205	<0.500	<0.500	<0.500	<0.500	NA	1.45	NA	NA	NA	NA	18.78	10.05	8.73
MW-9	06/27/2006	260	<0.50	<0.50	<0.50	<0.50	NA	1.9	NA	NA	NA	NA	18.78	10.64	8.14
MW-9	**09/25/2006**	**160**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**1.6**	**<1.0**	**<1.0**	**<1.0**	**<10**	**18.78**	**11.78**	**7.00**

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 28, 2001, analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 28, 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
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Notes:

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

b = Hydrocarbon reported does not match the labaratory standard.

c = Measurement is depth to top of pump; unable to reach water with sounder.

d = Sample contains discrete peaks in addition to gasoline.

e = Estimated value. The concentration exceeded the calibration of analysis.

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

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

h = Analyte was detected in the associated Method Blank.

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

j = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

k = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation was performed past the recommended hold time.

l = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.

m = Sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

n = Hydrocarbon result partly due to individual peak(s) in quantitation range.

Wells MW-1, MW-2, and MW-3 surveyed December 9, 1998 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-6 through MW-9 surveyed April 10, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-2, MW-3, MW-6, MW-7, and MW-8 surveyed September 23, 2003 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

October 10, 2006

Client: Cambria Env. Tech. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Ana Friel

Work Order: NPI4080
Project Name: 610 Market Street, Oakland, CA
Project Nbr: SAP 135692
P/O Nbr: 98995750
Date Received: 09/30/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPI4080-01	09/25/06 11:55
MW-2	NPI4080-02	09/25/06 11:50
MW-3	NPI4080-03	09/25/06 12:30
MW-4	NPI4080-04	09/25/06 10:40
MW-5	NPI4080-05	09/25/06 10:45
MW-6	NPI4080-06	09/25/06 12:20
MW-7	NPI4080-07	09/25/06 12:10
MW-8	NPI4080-08	09/25/06 12:35
MW-9	NPI4080-09	09/25/06 12:00

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, 4 pages, are included and are an integral part of this report.

Report Approved By:

Jim Hatfield
Project Management

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI4080-01 (MW-1 - Water) Sampled: 09/25/06 11:55								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**160**		ug/l	50	1	10/05/06 18:24	TPH by GC/MS	6J05018
Surr: Dibromofluoromethane (80-120%)	*111 %*					*10/05/06 18:24*	*TPH by GC/MS*	*6J05018*
Surr: Toluene-d8 (80-120%)	*97 %*					*10/05/06 18:24*	*TPH by GC/MS*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*94 %*					*10/05/06 18:24*	*TPH by GC/MS*	*6J05018*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	**16**		ug/l	0.50	1	10/05/06 18:24	EPA 8260B	6J05018
Ethylbenzene	**2.1**		ug/l	0.50	1	10/05/06 18:24	EPA 8260B	6J05018
Toluene	ND		ug/l	0.50	1	10/05/06 18:24	EPA 8260B	6J05018
Xylenes, Total	**11**		ug/l	1.0	1	10/05/06 18:24	EPA 8260B	6J05018
Methyl-tert-butyl Ether (MTBE)	**23**		ug/l	1.0	1	10/05/06 18:24	EPA 8260B	6J05018
Di-isopropyl Ether (DIPE)	ND		ug/l	1.0	1	10/05/06 18:24	EPA 8260B	6J05018
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	1.0	1	10/05/06 18:24	EPA 8260B	6J05018
tert-Amyl Methyl Ether (TAME)	ND		ug/l	1.0	1	10/05/06 18:24	EPA 8260B	6J05018
tert-Butanol (TBA)	ND		ug/l	10	1	10/05/06 18:24	EPA 8260B	6J05018
Surr: Dibromofluoromethane (80-120%)	*111 %*					*10/05/06 18:24*	*EPA 8260B*	*6J05018*
Surr: Toluene-d8 (80-120%)	*97 %*					*10/05/06 18:24*	*EPA 8260B*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*94 %*					*10/05/06 18:24*	*EPA 8260B*	*6J05018*
Sample ID: NPI4080-02 (MW-2 - Water) Sampled: 09/25/06 11:50								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**83**	QP	ug/l	50	1	10/05/06 19:47	TPH by GC/MS	6J05018
Surr: Dibromofluoromethane (80-120%)	*113 %*					*10/05/06 19:47*	*TPH by GC/MS*	*6J05018*
Surr: Toluene-d8 (80-120%)	*96 %*					*10/05/06 19:47*	*TPH by GC/MS*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*92 %*					*10/05/06 19:47*	*TPH by GC/MS*	*6J05018*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	ND		ug/l	2.5	5	10/06/06 13:46	EPA 8260B	6J06009
Ethylbenzene	ND		ug/l	2.5	5	10/06/06 13:46	EPA 8260B	6J06009
Toluene	ND		ug/l	2.5	5	10/06/06 13:46	EPA 8260B	6J06009
Xylenes, Total	ND		ug/l	5.0	5	10/06/06 13:46	EPA 8260B	6J06009
Methyl-tert-butyl Ether (MTBE)	ND		ug/l	5.0	5	10/06/06 13:46	EPA 8260B	6J06009
Di-isopropyl Ether (DIPE)	ND		ug/l	5.0	5	10/06/06 13:46	EPA 8260B	6J06009
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	5.0	5	10/06/06 13:46	EPA 8260B	6J06009
tert-Amyl Methyl Ether (TAME)	ND		ug/l	5.0	5	10/06/06 13:46	EPA 8260B	6J06009
tert-Butanol (TBA)	**4500**		ug/l	50	5	10/06/06 13:46	EPA 8260B	6J06009
Surr: Dibromofluoromethane (80-120%)	*105 %*					*10/06/06 13:46*	*EPA 8260B*	*6J06009*
Surr: Toluene-d8 (80-120%)	*100 %*					*10/06/06 13:46*	*EPA 8260B*	*6J06009*
Surr: 4-Bromofluorobenzene (80-120%)	*93 %*					*10/06/06 13:46*	*EPA 8260B*	*6J06009*

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI4080-03 (MW-3 - Water) Sampled: 09/25/06 12:30								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**520**		ug/l	50	1	10/05/06 20:15	TPH by GC/MS	6J05018
Surr: Dibromofluoromethane (80-120%)	*112 %*					*10/05/06 20:15*	*TPH by GC/MS*	*6J05018*
Surr: Toluene-d8 (80-120%)	*98 %*					*10/05/06 20:15*	*TPH by GC/MS*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*93 %*					*10/05/06 20:15*	*TPH by GC/MS*	*6J05018*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	**12**		ug/l	2.5	5	10/06/06 14:16	EPA 8260B	6J06009
Ethylbenzene	**6.5**		ug/l	2.5	5	10/06/06 14:16	EPA 8260B	6J06009
Toluene	ND		ug/l	2.5	5	10/06/06 14:16	EPA 8260B	6J06009
Xylenes, Total	ND		ug/l	5.0	5	10/06/06 14:16	EPA 8260B	6J06009
Methyl-tert-butyl Ether (MTBE)	**110**		ug/l	5.0	5	10/06/06 14:16	EPA 8260B	6J06009
Di-isopropyl Ether (DIPE)	ND		ug/l	5.0	5	10/06/06 14:16	EPA 8260B	6J06009
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	5.0	5	10/06/06 14:16	EPA 8260B	6J06009
tert-Amyl Methyl Ether (TAME)	ND		ug/l	5.0	5	10/06/06 14:16	EPA 8260B	6J06009
tert-Butanol (TBA)	**2900**		ug/l	50	5	10/06/06 14:16	EPA 8260B	6J06009
Surr: Dibromofluoromethane (80-120%)	*110 %*					*10/06/06 14:16*	*EPA 8260B*	*6J06009*
Surr: Toluene-d8 (80-120%)	*100 %*					*10/06/06 14:16*	*EPA 8260B*	*6J06009*
Surr: 4-Bromofluorobenzene (80-120%)	*95 %*					*10/06/06 14:16*	*EPA 8260B*	*6J06009*
Sample ID: NPI4080-04 (MW-4 - Water) Sampled: 09/25/06 10:40								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**670**	QP	ug/l	50	1	10/05/06 20:43	TPH by GC/MS	6J05018
Surr: Dibromofluoromethane (80-120%)	*114 %*					*10/05/06 20:43*	*TPH by GC/MS*	*6J05018*
Surr: Toluene-d8 (80-120%)	*99 %*					*10/05/06 20:43*	*TPH by GC/MS*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*90 %*					*10/05/06 20:43*	*TPH by GC/MS*	*6J05018*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	ND		ug/l	10	20	10/06/06 14:46	EPA 8260B	6J06009
Ethylbenzene	ND		ug/l	10	20	10/06/06 14:46	EPA 8260B	6J06009
Toluene	ND		ug/l	10	20	10/06/06 14:46	EPA 8260B	6J06009
Xylenes, Total	ND		ug/l	20	20	10/06/06 14:46	EPA 8260B	6J06009
Methyl-tert-butyl Ether (MTBE)	**1400**		ug/l	20	20	10/06/06 14:46	EPA 8260B	6J06009
Di-isopropyl Ether (DIPE)	ND		ug/l	20	20	10/06/06 14:46	EPA 8260B	6J06009
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	20	20	10/06/06 14:46	EPA 8260B	6J06009
tert-Amyl Methyl Ether (TAME)	ND		ug/l	20	20	10/06/06 14:46	EPA 8260B	6J06009
tert-Butanol (TBA)	**430**		ug/l	200	20	10/06/06 14:46	EPA 8260B	6J06009
Surr: Dibromofluoromethane (80-120%)	*106 %*					*10/06/06 14:46*	*EPA 8260B*	*6J06009*
Surr: Toluene-d8 (80-120%)	*96 %*					*10/06/06 14:46*	*EPA 8260B*	*6J06009*
Surr: 4-Bromofluorobenzene (80-120%)	*95 %*					*10/06/06 14:46*	*EPA 8260B*	*6J06009*

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI4080-05 (MW-5 - Water) Sampled: 09/25/06 10:45								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	ND		ug/l	50	1	10/05/06 21:10	TPH by GC/MS	6J05018
Surr: Dibromofluoromethane (80-120%)	*114 %*					*10/05/06 21:10*	*TPH by GC/MS*	*6J05018*
Surr: Toluene-d8 (80-120%)	*97 %*					*10/05/06 21:10*	*TPH by GC/MS*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*92 %*					*10/05/06 21:10*	*TPH by GC/MS*	*6J05018*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	ND		ug/l	0.50	1	10/05/06 21:10	EPA 8260B	6J05018
Ethylbenzene	ND		ug/l	0.50	1	10/05/06 21:10	EPA 8260B	6J05018
Toluene	ND		ug/l	0.50	1	10/05/06 21:10	EPA 8260B	6J05018
Xylenes, Total	ND		ug/l	1.0	1	10/05/06 21:10	EPA 8260B	6J05018
Methyl-tert-butyl Ether (MTBE)	**22**		ug/l	1.0	1	10/05/06 21:10	EPA 8260B	6J05018
Di-isopropyl Ether (DIPE)	ND		ug/l	1.0	1	10/05/06 21:10	EPA 8260B	6J05018
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	1.0	1	10/05/06 21:10	EPA 8260B	6J05018
tert-Amyl Methyl Ether (TAME)	ND		ug/l	1.0	1	10/05/06 21:10	EPA 8260B	6J05018
tert-Butanol (TBA)	ND		ug/l	10	1	10/05/06 21:10	EPA 8260B	6J05018
Surr: Dibromofluoromethane (80-120%)	*114 %*					*10/05/06 21:10*	*EPA 8260B*	*6J05018*
Surr: Toluene-d8 (80-120%)	*97 %*					*10/05/06 21:10*	*EPA 8260B*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*92 %*					*10/05/06 21:10*	*EPA 8260B*	*6J05018*
Sample ID: NPI4080-06 (MW-6 - Water) Sampled: 09/25/06 12:20								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**730**	QP	ug/l	500	10	10/06/06 11:02	TPH by GC/MS	6J06002
Surr: Dibromofluoromethane (80-120%)	*96 %*					*10/06/06 11:02*	*TPH by GC/MS*	*6J06002*
Surr: Toluene-d8 (80-120%)	*94 %*					*10/06/06 11:02*	*TPH by GC/MS*	*6J06002*
Surr: 4-Bromofluorobenzene (80-120%)	*93 %*					*10/06/06 11:02*	*TPH by GC/MS*	*6J06002*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	ND		ug/l	25	50	10/05/06 21:38	EPA 8260B	6J05018
Ethylbenzene	ND		ug/l	25	50	10/05/06 21:38	EPA 8260B	6J05018
Toluene	ND		ug/l	25	50	10/05/06 21:38	EPA 8260B	6J05018
Xylenes, Total	ND		ug/l	50	50	10/05/06 21:38	EPA 8260B	6J05018
Methyl-tert-butyl Ether (MTBE)	ND		ug/l	50	50	10/05/06 21:38	EPA 8260B	6J05018
Di-isopropyl Ether (DIPE)	ND		ug/l	50	50	10/05/06 21:38	EPA 8260B	6J05018
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	50	50	10/05/06 21:38	EPA 8260B	6J05018
tert-Amyl Methyl Ether (TAME)	ND		ug/l	50	50	10/05/06 21:38	EPA 8260B	6J05018
tert-Butanol (TBA)	**16000**		ug/l	500	50	10/05/06 21:38	EPA 8260B	6J05018
Surr: Dibromofluoromethane (80-120%)	*110 %*					*10/05/06 21:38*	*EPA 8260B*	*6J05018*
Surr: Toluene-d8 (80-120%)	*98 %*					*10/05/06 21:38*	*EPA 8260B*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*90 %*					*10/05/06 21:38*	*EPA 8260B*	*6J05018*

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI4080-07 (MW-7 - Water) Sampled: 09/25/06 12:10								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**840**	QP	ug/l	500	10	10/06/06 11:29	TPH by GC/MS	6J06002
Surr: Dibromofluoromethane (80-120%)	*93 %*					*10/06/06 11:29*	*TPH by GC/MS*	*6J06002*
Surr: Toluene-d8 (80-120%)	*93 %*					*10/06/06 11:29*	*TPH by GC/MS*	*6J06002*
Surr: 4-Bromofluorobenzene (80-120%)	*94 %*					*10/06/06 11:29*	*TPH by GC/MS*	*6J06002*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	ND		ug/l	10	20	10/05/06 22:06	EPA 8260B	6J05018
Ethylbenzene	ND		ug/l	10	20	10/05/06 22:06	EPA 8260B	6J05018
Toluene	ND		ug/l	10	20	10/05/06 22:06	EPA 8260B	6J05018
Xylenes, Total	ND		ug/l	20	20	10/05/06 22:06	EPA 8260B	6J05018
Methyl-tert-butyl Ether (MTBE)	ND		ug/l	20	20	10/05/06 22:06	EPA 8260B	6J05018
Di-isopropyl Ether (DIPE)	ND		ug/l	20	20	10/05/06 22:06	EPA 8260B	6J05018
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	20	20	10/05/06 22:06	EPA 8260B	6J05018
tert-Amyl Methyl Ether (TAME)	ND		ug/l	20	20	10/05/06 22:06	EPA 8260B	6J05018
tert-Butanol (TBA)	**22000**		ug/l	200	20	10/05/06 22:06	EPA 8260B	6J05018
Surr: Dibromofluoromethane (80-120%)	*114 %*					*10/05/06 22:06*	*EPA 8260B*	*6J05018*
Surr: Toluene-d8 (80-120%)	*97 %*					*10/05/06 22:06*	*EPA 8260B*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*92 %*					*10/05/06 22:06*	*EPA 8260B*	*6J05018*
Sample ID: NPI4080-08 (MW-8 - Water) Sampled: 09/25/06 12:35								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**830**		ug/l	120	2.5	10/06/06 11:57	TPH by GC/MS	6J06002
Surr: Dibromofluoromethane (80-120%)	*94 %*					*10/06/06 11:57*	*TPH by GC/MS*	*6J06002*
Surr: Toluene-d8 (80-120%)	*94 %*					*10/06/06 11:57*	*TPH by GC/MS*	*6J06002*
Surr: 4-Bromofluorobenzene (80-120%)	*95 %*					*10/06/06 11:57*	*TPH by GC/MS*	*6J06002*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	**120**		ug/l	1.2	2.5	10/06/06 11:57	EPA 8260B	6J06002
Ethylbenzene	**3.0**		ug/l	1.2	2.5	10/06/06 11:57	EPA 8260B	6J06002
Toluene	**4.1**		ug/l	1.2	2.5	10/06/06 11:57	EPA 8260B	6J06002
Xylenes, Total	**15**		ug/l	2.5	2.5	10/06/06 11:57	EPA 8260B	6J06002
Methyl-tert-butyl Ether (MTBE)	**260**		ug/l	2.5	2.5	10/06/06 11:57	EPA 8260B	6J06002
Di-isopropyl Ether (DIPE)	**3.7**		ug/l	2.5	2.5	10/06/06 11:57	EPA 8260B	6J06002
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	2.5	2.5	10/06/06 11:57	EPA 8260B	6J06002
tert-Amyl Methyl Ether (TAME)	ND		ug/l	2.5	2.5	10/06/06 11:57	EPA 8260B	6J06002
tert-Butanol (TBA)	**420**		ug/l	25	2.5	10/06/06 11:57	EPA 8260B	6J06002
Surr: Dibromofluoromethane (80-120%)	*94 %*					*10/06/06 11:57*	*EPA 8260B*	*6J06002*
Surr: Toluene-d8 (80-120%)	*94 %*					*10/06/06 11:57*	*EPA 8260B*	*6J06002*
Surr: 4-Bromofluorobenzene (80-120%)	*95 %*					*10/06/06 11:57*	*EPA 8260B*	*6J06002*

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI4080-09 (MW-9 - Water) Sampled: 09/25/06 12:00								
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
Volatile Fuel Hydrocarbons (C4-C12)	**160**		ug/l	50	1	10/05/06 23:01	TPH by GC/MS	6J05018
Surr: Dibromofluoromethane (80-120%)	*109 %*					*10/05/06 23:01*	*TPH by GC/MS*	*6J05018*
Surr: Toluene-d8 (80-120%)	*98 %*					*10/05/06 23:01*	*TPH by GC/MS*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*92 %*					*10/05/06 23:01*	*TPH by GC/MS*	*6J05018*
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
Benzene	ND		ug/l	0.50	1	10/05/06 23:01	EPA 8260B	6J05018
Ethylbenzene	ND		ug/l	0.50	1	10/05/06 23:01	EPA 8260B	6J05018
Toluene	ND		ug/l	0.50	1	10/05/06 23:01	EPA 8260B	6J05018
Xylenes, Total	ND		ug/l	1.0	1	10/05/06 23:01	EPA 8260B	6J05018
Methyl-tert-butyl Ether (MTBE)	**1.6**		ug/l	1.0	1	10/05/06 23:01	EPA 8260B	6J05018
Di-isopropyl Ether (DIPE)	ND		ug/l	1.0	1	10/05/06 23:01	EPA 8260B	6J05018
Ethyl tert-Butyl Ether (ETBE)	ND		ug/l	1.0	1	10/05/06 23:01	EPA 8260B	6J05018
tert-Amyl Methyl Ether (TAME)	ND		ug/l	1.0	1	10/05/06 23:01	EPA 8260B	6J05018
tert-Butanol (TBA)	ND		ug/l	10	1	10/05/06 23:01	EPA 8260B	6J05018
Surr: Dibromofluoromethane (80-120%)	*109 %*					*10/05/06 23:01*	*EPA 8260B*	*6J05018*
Surr: Toluene-d8 (80-120%)	*98 %*					*10/05/06 23:01*	*EPA 8260B*	*6J05018*
Surr: 4-Bromofluorobenzene (80-120%)	*92 %*					*10/05/06 23:01*	*EPA 8260B*	*6J05018*

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)						
6J05018-BLK1						
Volatile Fuel Hydrocarbons (C4-C12)	<47		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Surrogate: Dibromofluoromethane	104%			6J05018	6J05018-BLK1	10/05/06 17:01
Surrogate: Toluene-d8	95%			6J05018	6J05018-BLK1	10/05/06 17:01
Surrogate: 4-Bromofluorobenzene	90%			6J05018	6J05018-BLK1	10/05/06 17:01
6J06002-BLK1						
Volatile Fuel Hydrocarbons (C4-C12)	<47		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Surrogate: Dibromofluoromethane	92%			6J06002	6J06002-BLK1	10/06/06 08:16
Surrogate: Toluene-d8	97%			6J06002	6J06002-BLK1	10/06/06 08:16
Surrogate: 4-Bromofluorobenzene	97%			6J06002	6J06002-BLK1	10/06/06 08:16
BTEX/OXYGENATES by GC/MS (EPA 8260B)						
6J05018-BLK1						
Benzene	<0.28		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Ethylbenzene	<0.25		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Toluene	<0.36		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
o-Xylene	<0.30		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
m,p-Xylenes	<0.60		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Xylenes, Total	<0.90		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Methyl-tert-butyl Ether (MTBE)	<0.32		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Di-isopropyl Ether (DIPE)	<0.25		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Ethyl tert-Butyl Ether (ETBE)	<0.28		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
tert-Amyl Methyl Ether (TAME)	0.410		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
tert-Butanol (TBA)	<3.1		ug/l	6J05018	6J05018-BLK1	10/05/06 17:01
Surrogate: Dibromofluoromethane	104%			6J05018	6J05018-BLK1	10/05/06 17:01
Surrogate: Toluene-d8	95%			6J05018	6J05018-BLK1	10/05/06 17:01
Surrogate: 4-Bromofluorobenzene	90%			6J05018	6J05018-BLK1	10/05/06 17:01
6J06002-BLK1						
Benzene	<0.28		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Ethylbenzene	<0.25		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Toluene	<0.36		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
o-Xylene	<0.30		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
m,p-Xylenes	<0.60		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Xylenes, Total	<0.90		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Methyl-tert-butyl Ether (MTBE)	<0.32		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Di-isopropyl Ether (DIPE)	<0.25		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Ethyl tert-Butyl Ether (ETBE)	<0.28		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
tert-Amyl Methyl Ether (TAME)	<0.33		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
tert-Butanol (TBA)	<3.1		ug/l	6J06002	6J06002-BLK1	10/06/06 08:16
Surrogate: Dibromofluoromethane	92%			6J06002	6J06002-BLK1	10/06/06 08:16
Surrogate: Toluene-d8	97%			6J06002	6J06002-BLK1	10/06/06 08:16

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
BTEX/OXYGENATES by GC/MS (EPA 8260B)						
6J06002-BLK1						
Surrogate: 4-Bromofluorobenzene	97%			6J06002	6J06002-BLK1	10/06/06 08:16
6J06009-BLK1						
Benzene	<0.28		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
Ethylbenzene	<0.25		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
Toluene	<0.36		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
o-Xylene	<0.30		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
m,p-Xylenes	<0.60		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
Xylenes, Total	<0.90		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
Methyl-tert-butyl Ether (MTBE)	<0.32		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
Di-isopropyl Ether (DIPE)	<0.25		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
Ethyl tert-Butyl Ether (ETBE)	<0.28		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
tert-Amyl Methyl Ether (TAME)	<0.33		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
tert-Butanol (TBA)	<3.1		ug/l	6J06009	6J06009-BLK1	10/06/06 09:19
Surrogate: Dibromofluoromethane	95%			6J06009	6J06009-BLK1	10/06/06 09:19
Surrogate: Toluene-d8	95%			6J06009	6J06009-BLK1	10/06/06 09:19
Surrogate: 4-Bromofluorobenzene	84%			6J06009	6J06009-BLK1	10/06/06 09:19

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)								
6J05018-BS2								
Volatile Fuel Hydrocarbons (C4-C12)	500	442		ug/l	88%	60 - 130	6J05018	10/05/06 17:56
Surrogate: Dibromofluoromethane	25.0	24.8			99%	80 - 120	6J05018	10/05/06 17:56
Surrogate: Toluene-d8	25.0	23.8			95%	80 - 120	6J05018	10/05/06 17:56
Surrogate: 4-Bromofluorobenzene	25.0	23.0			92%	80 - 120	6J05018	10/05/06 17:56
6J06002-BS2								
Volatile Fuel Hydrocarbons (C4-C12)	500	417		ug/l	83%	60 - 130	6J06002	10/06/06 09:12
Surrogate: Dibromofluoromethane	25.0	23.9			96%	80 - 120	6J06002	10/06/06 09:12
Surrogate: Toluene-d8	25.0	24.3			97%	80 - 120	6J06002	10/06/06 09:12
Surrogate: 4-Bromofluorobenzene	25.0	24.9			100%	80 - 120	6J06002	10/06/06 09:12
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
6J05018-BS1								
Benzene	25.0	26.0		ug/l	104%	65 - 120	6J05018	10/05/06 17:29
Ethylbenzene	25.0	25.7		ug/l	103%	70 - 125	6J05018	10/05/06 17:29
Toluene	25.0	27.1		ug/l	108%	70 - 125	6J05018	10/05/06 17:29
o-Xylene	25.0	25.8		ug/l	103%	70 - 125	6J05018	10/05/06 17:29
m,p-Xylenes	50.0	51.5		ug/l	103%	70 - 125	6J05018	10/05/06 17:29
Xylenes, Total	75.0	77.3		ug/l	103%	70 - 125	6J05018	10/05/06 17:29
Methyl-tert-butyl Ether (MTBE)	25.0	29.6		ug/l	118%	55 - 140	6J05018	10/05/06 17:29
Di-isopropyl Ether (DIPE)	25.0	31.4		ug/l	126%	60 - 135	6J05018	10/05/06 17:29
Ethyl tert-Butyl Ether (ETBE)	25.0	31.2		ug/l	125%	60 - 135	6J05018	10/05/06 17:29
tert-Amyl Methyl Ether (TAME)	25.0	33.8		ug/l	135%	60 - 135	6J05018	10/05/06 17:29
tert-Butanol (TBA)	125	130		ug/l	104%	65 - 135	6J05018	10/05/06 17:29
Surrogate: Dibromofluoromethane	25.0	28.7			115%	80 - 120	6J05018	10/05/06 17:29
Surrogate: Toluene-d8	25.0	23.9			96%	80 - 120	6J05018	10/05/06 17:29
Surrogate: 4-Bromofluorobenzene	25.0	22.7			91%	80 - 120	6J05018	10/05/06 17:29
6J06002-BS1								
Benzene	25.0	22.9		ug/l	92%	65 - 120	6J06002	10/06/06 08:44
Ethylbenzene	25.0	25.0		ug/l	100%	70 - 125	6J06002	10/06/06 08:44
Toluene	25.0	23.8		ug/l	95%	70 - 125	6J06002	10/06/06 08:44
o-Xylene	25.0	25.1		ug/l	100%	70 - 125	6J06002	10/06/06 08:44
m,p-Xylenes	50.0	51.0		ug/l	102%	70 - 125	6J06002	10/06/06 08:44
Xylenes, Total	75.0	76.1		ug/l	101%	70 - 125	6J06002	10/06/06 08:44
Methyl-tert-butyl Ether (MTBE)	25.0	19.9		ug/l	80%	55 - 140	6J06002	10/06/06 08:44
Di-isopropyl Ether (DIPE)	25.0	25.7		ug/l	103%	60 - 135	6J06002	10/06/06 08:44
Ethyl tert-Butyl Ether (ETBE)	25.0	19.0		ug/l	76%	60 - 135	6J06002	10/06/06 08:44
tert-Amyl Methyl Ether (TAME)	25.0	17.0		ug/l	68%	60 - 135	6J06002	10/06/06 08:44
tert-Butanol (TBA)	125	141		ug/l	113%	65 - 135	6J06002	10/06/06 08:44
Surrogate: Dibromofluoromethane	25.0	24.2			97%	80 - 120	6J06002	10/06/06 08:44
Surrogate: Toluene-d8	25.0	24.1			96%	80 - 120	6J06002	10/06/06 08:44

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
BTEX/OXYGENATES by GC/MS (EPA 8260B)								
6J06002-BS1								
Surrogate: 4-Bromofluorobenzene	25.0	24.8			99%	80 - 120	6J06002	10/06/06 08:44
6J06009-BS1								
Benzene	25.0	22.0		ug/l	88%	65 - 120	6J06009	10/06/06 09:49
Ethylbenzene	25.0	23.3		ug/l	93%	70 - 125	6J06009	10/06/06 09:49
Toluene	25.0	22.8		ug/l	91%	70 - 125	6J06009	10/06/06 09:49
o-Xylene	25.0	23.1		ug/l	92%	70 - 125	6J06009	10/06/06 09:49
m,p-Xylenes	50.0	47.5		ug/l	95%	70 - 125	6J06009	10/06/06 09:49
Xylenes, Total	75.0	70.5		ug/l	94%	70 - 125	6J06009	10/06/06 09:49
Methyl-tert-butyl Ether (MTBE)	25.0	20.6		ug/l	82%	55 - 140	6J06009	10/06/06 09:49
Di-isopropyl Ether (DIPE)	25.0	20.7		ug/l	83%	60 - 135	6J06009	10/06/06 09:49
Ethyl tert-Butyl Ether (ETBE)	25.0	19.8		ug/l	79%	60 - 135	6J06009	10/06/06 09:49
tert-Amyl Methyl Ether (TAME)	25.0	21.4		ug/l	86%	60 - 135	6J06009	10/06/06 09:49
tert-Butanol (TBA)	125	124		ug/l	99%	65 - 135	6J06009	10/06/06 09:49
Surrogate: Dibromofluoromethane	25.0	22.7			91%	80 - 120	6J06009	10/06/06 09:49
Surrogate: Toluene-d8	25.0	24.7			99%	80 - 120	6J06009	10/06/06 09:49
Surrogate: 4-Bromofluorobenzene	25.0	24.4			98%	80 - 120	6J06009	10/06/06 09:49

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)										
6J05018-MS1										
Volatile Fuel Hydrocarbons (C4-C12)	160	1580		ug/l	1720	83%	60 - 140	6J05018	NPI4080-01	10/05/06 18:52
Surrogate: Dibromofluoromethane		27.7		ug/l	25.0	111%	80 - 120	6J05018	NPI4080-01	10/05/06 18:52
Surrogate: Toluene-d8		24.4		ug/l	25.0	98%	80 - 120	6J05018	NPI4080-01	10/05/06 18:52
Surrogate: 4-Bromofluorobenzene		22.8		ug/l	25.0	91%	80 - 120	6J05018	NPI4080-01	10/05/06 18:52
6J06002-MS1										
Volatile Fuel Hydrocarbons (C4-C12)	6800	17100		ug/l	17200	60%	60 - 140	6J06002	IPJ0338-03	10/06/06 10:07
Surrogate: Dibromofluoromethane		237		ug/l	250	95%	80 - 120	6J06002	IPJ0338-03	10/06/06 10:07
Surrogate: Toluene-d8		236		ug/l	250	94%	80 - 120	6J06002	IPJ0338-03	10/06/06 10:07
Surrogate: 4-Bromofluorobenzene		246		ug/l	250	98%	80 - 120	6J06002	IPJ0338-03	10/06/06 10:07
BTEX/OXYGENATES by GC/MS (EPA 8260B)										
6J05018-MS1										
Benzene	16	38.8		ug/l	25.0	91%	60 - 125	6J05018	NPI4080-01	10/05/06 18:52
Ethylbenzene	2.1	27.7		ug/l	25.0	102%	65 - 130	6J05018	NPI4080-01	10/05/06 18:52
Toluene	0.49	26.4		ug/l	25.0	104%	65 - 125	6J05018	NPI4080-01	10/05/06 18:52
o-Xylene	0.75	25.8		ug/l	25.0	100%	60 - 125	6J05018	NPI4080-01	10/05/06 18:52
m,p-Xylenes	10	60.0		ug/l	50.0	100%	60 - 130	6J05018	NPI4080-01	10/05/06 18:52
Xylenes, Total	11	85.8		ug/l	75.0	100%	60 - 130	6J05018	NPI4080-01	10/05/06 18:52
Methyl-tert-butyl Ether (MTBE)	23	49.0		ug/l	25.0	104%	50 - 150	6J05018	NPI4080-01	10/05/06 18:52
Di-isopropyl Ether (DIPE)	ND	29.0		ug/l	25.0	116%	60 - 140	6J05018	NPI4080-01	10/05/06 18:52
Ethyl tert-Butyl Ether (ETBE)	ND	28.5		ug/l	25.0	114%	55 - 135	6J05018	NPI4080-01	10/05/06 18:52
tert-Amyl Methyl Ether (TAME)	ND	31.7		ug/l	25.0	127%	55 - 140	6J05018	NPI4080-01	10/05/06 18:52
tert-Butanol (TBA)	ND	134		ug/l	125	107%	60 - 145	6J05018	NPI4080-01	10/05/06 18:52
Surrogate: Dibromofluoromethane		27.7		ug/l	25.0	111%	80 - 120	6J05018	NPI4080-01	10/05/06 18:52
Surrogate: Toluene-d8		24.4		ug/l	25.0	98%	80 - 120	6J05018	NPI4080-01	10/05/06 18:52
Surrogate: 4-Bromofluorobenzene		22.8		ug/l	25.0	91%	80 - 120	6J05018	NPI4080-01	10/05/06 18:52
6J06002-MS1										
Benzene	480	641		ug/l	250	64%	60 - 125	6J06002	IPJ0338-03	10/06/06 10:07
Ethylbenzene	58	287		ug/l	250	92%	65 - 130	6J06002	IPJ0338-03	10/06/06 10:07
Toluene	4.8	221		ug/l	250	86%	65 - 125	6J06002	IPJ0338-03	10/06/06 10:07
o-Xylene	4.3	232		ug/l	250	91%	60 - 125	6J06002	IPJ0338-03	10/06/06 10:07
m,p-Xylenes	55	512		ug/l	500	91%	60 - 130	6J06002	IPJ0338-03	10/06/06 10:07
Xylenes, Total	59	745		ug/l	750	91%	60 - 130	6J06002	IPJ0338-03	10/06/06 10:07
Methyl-tert-butyl Ether (MTBE)	51	237		ug/l	250	74%	50 - 150	6J06002	IPJ0338-03	10/06/06 10:07
Di-isopropyl Ether (DIPE)	330	540		ug/l	250	84%	60 - 140	6J06002	IPJ0338-03	10/06/06 10:07
Ethyl tert-Butyl Ether (ETBE)	ND	163		ug/l	250	65%	55 - 135	6J06002	IPJ0338-03	10/06/06 10:07

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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. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
BTEX/OXYGENATES by GC/MS (EPA 8260B)										
6J06002-MS1										
tert-Amyl Methyl Ether (TAME)	ND	148		ug/l	250	59%	55 - 140	6J06002	IPJ0338-03	10/06/06 10:07
tert-Butanol (TBA)	4100	5390		ug/l	1250	103%	60 - 145	6J06002	IPJ0338-03	10/06/06 10:07
Surrogate: Dibromofluoromethane		237		ug/l	250	95%	80 - 120	6J06002	IPJ0338-03	10/06/06 10:07
Surrogate: Toluene-d8		236		ug/l	250	94%	80 - 120	6J06002	IPJ0338-03	10/06/06 10:07
Surrogate: 4-Bromofluorobenzene		246		ug/l	250	98%	80 - 120	6J06002	IPJ0338-03	10/06/06 10:07
6J06009-MS1										
Benzene	ND	50.5		ug/l	50.0	101%	60 - 125	6J06009	IPJ0336-02	10/06/06 12:47
Ethylbenzene	ND	53.3		ug/l	50.0	107%	65 - 130	6J06009	IPJ0336-02	10/06/06 12:47
Toluene	ND	51.9		ug/l	50.0	104%	65 - 125	6J06009	IPJ0336-02	10/06/06 12:47
o-Xylene	ND	51.5		ug/l	50.0	103%	60 - 125	6J06009	IPJ0336-02	10/06/06 12:47
m,p-Xylenes	ND	100		ug/l	100	100%	60 - 130	6J06009	IPJ0336-02	10/06/06 12:47
Xylenes, Total	ND	152		ug/l	150	101%	60 - 130	6J06009	IPJ0336-02	10/06/06 12:47
Methyl-tert-butyl Ether (MTBE)	0.68	52.0		ug/l	50.0	103%	50 - 150	6J06009	IPJ0336-02	10/06/06 12:47
Di-isopropyl Ether (DIPE)	ND	50.0		ug/l	50.0	100%	60 - 140	6J06009	IPJ0336-02	10/06/06 12:47
Ethyl tert-Butyl Ether (ETBE)	ND	48.5		ug/l	50.0	97%	55 - 135	6J06009	IPJ0336-02	10/06/06 12:47
tert-Amyl Methyl Ether (TAME)	ND	53.4		ug/l	50.0	107%	55 - 140	6J06009	IPJ0336-02	10/06/06 12:47
tert-Butanol (TBA)	1600	1900		ug/l	250	120%	60 - 145	6J06009	IPJ0336-02	10/06/06 12:47
Surrogate: Dibromofluoromethane		47.8		ug/l	50.0	96%	80 - 120	6J06009	IPJ0336-02	10/06/06 12:47
Surrogate: Toluene-d8		49.3		ug/l	50.0	99%	80 - 120	6J06009	IPJ0336-02	10/06/06 12:47
Surrogate: 4-Bromofluorobenzene		48.4		ug/l	50.0	97%	80 - 120	6J06009	IPJ0336-02	10/06/06 12:47

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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. (Sonoma) / SHELL (13674)
270 Perkins Street
Sonoma, CA 95476
Attn: Ana Friel

Work Order: NPI4080
Project Name: 610 Market Street, Oakland, CA
Project Number: SAP 135692
Received: 09/30/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)												
6J05018-MSD1												
Volatile Fuel Hydrocarbons (C4-C12)	160	1660		ug/l	1720	87%	60 - 140	5	20	6J05018	NPI4080-01	10/05/06 19:19
Surrogate: Dibromofluoromethane		28.7		ug/l	25.0	115%	80 - 120			6J05018	NPI4080-01	10/05/06 19:19
Surrogate: Toluene-d8		24.3		ug/l	25.0	97%	80 - 120			6J05018	NPI4080-01	10/05/06 19:19
Surrogate: 4-Bromofluorobenzene		23.9		ug/l	25.0	96%	80 - 120			6J05018	NPI4080-01	10/05/06 19:19
6J06002-MSD1												
Volatile Fuel Hydrocarbons (C4-C12)	6800	17100		ug/l	17200	60%	60 - 140	0	20	6J06002	IPJ0338-03	10/06/06 10:34
Surrogate: Dibromofluoromethane		235		ug/l	250	94%	80 - 120			6J06002	IPJ0338-03	10/06/06 10:34
Surrogate: Toluene-d8		233		ug/l	250	93%	80 - 120			6J06002	IPJ0338-03	10/06/06 10:34
Surrogate: 4-Bromofluorobenzene		245		ug/l	250	98%	80 - 120			6J06002	IPJ0338-03	10/06/06 10:34
BTEX/OXYGENATES by GC/MS (EPA 8260B)												
6J05018-MSD1												
Benzene	16	39.2		ug/l	25.0	93%	60 - 125	1	20	6J05018	NPI4080-01	10/05/06 19:19
Ethylbenzene	2.1	27.3		ug/l	25.0	101%	65 - 130	1	20	6J05018	NPI4080-01	10/05/06 19:19
Toluene	0.49	26.3		ug/l	25.0	103%	65 - 125	0.4	20	6J05018	NPI4080-01	10/05/06 19:19
o-Xylene	0.75	26.3		ug/l	25.0	102%	60 - 125	2	20	6J05018	NPI4080-01	10/05/06 19:19
m,p-Xylenes	10	59.9		ug/l	50.0	100%	60 - 130	0.2	25	6J05018	NPI4080-01	10/05/06 19:19
Xylenes, Total	11	86.2		ug/l	75.0	100%	60 - 130	0.5	20	6J05018	NPI4080-01	10/05/06 19:19
Methyl-tert-butyl Ether (MTBE)	23	54.4		ug/l	25.0	126%	50 - 150	10	25	6J05018	NPI4080-01	10/05/06 19:19
Di-isopropyl Ether (DIPE)	ND	31.0		ug/l	25.0	124%	60 - 140	7	25	6J05018	NPI4080-01	10/05/06 19:19
Ethyl tert-Butyl Ether (ETBE)	ND	31.3		ug/l	25.0	125%	55 - 135	9	25	6J05018	NPI4080-01	10/05/06 19:19
tert-Amyl Methyl Ether (TAME)	ND	34.3		ug/l	25.0	137%	55 - 140	8	30	6J05018	NPI4080-01	10/05/06 19:19
tert-Butanol (TBA)	ND	134		ug/l	125	107%	60 - 145	0	25	6J05018	NPI4080-01	10/05/06 19:19
Surrogate: Dibromofluoromethane		28.7		ug/l	25.0	115%	80 - 120			6J05018	NPI4080-01	10/05/06 19:19
Surrogate: Toluene-d8		24.3		ug/l	25.0	97%	80 - 120			6J05018	NPI4080-01	10/05/06 19:19
Surrogate: 4-Bromofluorobenzene		23.9		ug/l	25.0	96%	80 - 120			6J05018	NPI4080-01	10/05/06 19:19
6J06002-MSD1												
Benzene	480	623	M2	ug/l	250	57%	60 - 125	3	20	6J06002	IPJ0338-03	10/06/06 10:34
Ethylbenzene	58	272		ug/l	250	86%	65 - 130	5	20	6J06002	IPJ0338-03	10/06/06 10:34
Toluene	4.8	203		ug/l	250	79%	65 - 125	8	20	6J06002	IPJ0338-03	10/06/06 10:34
o-Xylene	4.3	214		ug/l	250	84%	60 - 125	8	20	6J06002	IPJ0338-03	10/06/06 10:34
m,p-Xylenes	55	491		ug/l	500	87%	60 - 130	4	25	6J06002	IPJ0338-03	10/06/06 10:34
Xylenes, Total	59	705		ug/l	750	86%	60 - 130	6	20	6J06002	IPJ0338-03	10/06/06 10:34
Methyl-tert-butyl Ether (MTBE)	51	229		ug/l	250	71%	50 - 150	3	25	6J06002	IPJ0338-03	10/06/06 10:34
Di-isopropyl Ether (DIPE)	330	532		ug/l	250	81%	60 - 140	1	25	6J06002	IPJ0338-03	10/06/06 10:34
Ethyl tert-Butyl Ether (ETBE)	ND	159		ug/l	250	64%	55 - 135	2	25	6J06002	IPJ0338-03	10/06/06 10:34
tert-Amyl Methyl Ether (TAME)	ND	146		ug/l	250	58%	55 - 140	1	30	6J06002	IPJ0338-03	10/06/06 10:34
tert-Butanol (TBA)	4100	5370		ug/l	1250	102%	60 - 145	0.4	25	6J06002	IPJ0338-03	10/06/06 10:34
Surrogate: Dibromofluoromethane		235		ug/l	250	94%	80 - 120			6J06002	IPJ0338-03	10/06/06 10:34
Surrogate: Toluene-d8		233		ug/l	250	93%	80 - 120			6J06002	IPJ0338-03	10/06/06 10:34

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
BTEX/OXYGENATES by GC/MS (EPA 8260B)												
6J06002-MSD1												
Surrogate: 4-Bromofluorobenzene		245		ug/l	250	98%	80 - 120			6J06002	IPJ0338-03	10/06/06 10:34
6J06009-MSD1												
Benzene	ND	49.2		ug/l	50.0	98%	60 - 125	3	20	6J06009	IPJ0336-02	10/06/06 13:17
Ethylbenzene	ND	49.1		ug/l	50.0	98%	65 - 130	8	20	6J06009	IPJ0336-02	10/06/06 13:17
Toluene	ND	49.8		ug/l	50.0	100%	65 - 125	4	20	6J06009	IPJ0336-02	10/06/06 13:17
o-Xylene	ND	49.4		ug/l	50.0	99%	60 - 125	4	20	6J06009	IPJ0336-02	10/06/06 13:17
m,p-Xylenes	ND	99.1		ug/l	100	99%	60 - 130	0.9	25	6J06009	IPJ0336-02	10/06/06 13:17
Xylenes, Total	ND	148		ug/l	150	99%	60 - 130	3	20	6J06009	IPJ0336-02	10/06/06 13:17
Methyl-tert-butyl Ether (MTBE)	0.68	48.7		ug/l	50.0	96%	50 - 150	7	25	6J06009	IPJ0336-02	10/06/06 13:17
Di-isopropyl Ether (DIPE)	ND	48.2		ug/l	50.0	96%	60 - 140	4	25	6J06009	IPJ0336-02	10/06/06 13:17
Ethyl tert-Butyl Ether (ETBE)	ND	45.8		ug/l	50.0	92%	55 - 135	6	25	6J06009	IPJ0336-02	10/06/06 13:17
tert-Amyl Methyl Ether (TAME)	ND	51.2		ug/l	50.0	102%	55 - 140	4	30	6J06009	IPJ0336-02	10/06/06 13:17
tert-Butanol (TBA)	1600	1920		ug/l	250	128%	60 - 145	1	25	6J06009	IPJ0336-02	10/06/06 13:17
Surrogate: Dibromofluoromethane		48.3		ug/l	50.0	97%	80 - 120			6J06009	IPJ0336-02	10/06/06 13:17
Surrogate: Toluene-d8		49.1		ug/l	50.0	98%	80 - 120			6J06009	IPJ0336-02	10/06/06 13:17
Surrogate: 4-Bromofluorobenzene		46.0		ug/l	50.0	92%	80 - 120			6J06009	IPJ0336-02	10/06/06 13:17

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

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

Subcontracted Laboratories

Del Mar Analytical, Irvine (11405)

17461 Derian, Suite 100 - Irvine, CA 92614

Method Performed: EPA 8260B

Samples: NPI4080-01, NPI4080-02, NPI4080-03, NPI4080-04, NPI4080-05, NPI4080-06, NPI4080-07, NPI4080-08, NPI4080-09

Method Performed: TPH by GC/MS

Samples: NPI4080-01, NPI4080-02, NPI4080-03, NPI4080-04, NPI4080-05, NPI4080-06, NPI4080-07, NPI4080-08, NPI4080-09

Del Mar Analytical, Irvine (11405)

17461 Derian, Suite 100 - Irvine, CA 92614

Analysis Performed: 8260B BTEX (Low)

Samples: NPI4080-01, NPI4080-02, NPI4080-03, NPI4080-04, NPI4080-05, NPI4080-06, NPI4080-07, NPI4080-08, NPI4080-09

Analysis Performed: 8260B GRO

Samples: NPI4080-01, NPI4080-02, NPI4080-03, NPI4080-04, NPI4080-05, NPI4080-06, NPI4080-07, NPI4080-08, NPI4080-09

Analysis Performed: 8260B Oxygenates (5) (Low)

Samples: NPI4080-01, NPI4080-02, NPI4080-03, NPI4080-04, NPI4080-05, NPI4080-06, NPI4080-07, NPI4080-08, NPI4080-09

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte

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

Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI4080
	270 Perkins Street	Project Name:	610 Market Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135692
Attn	Ana Friel	Received:	09/30/06 08:30

DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

QP Hydrocarbon result partly due to individual peak(s) in quantitation range.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC# NPI4080

Cooler Received/Opened On 09/30/2006 @ 0830

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1Z975W134124 0021

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

2. Temperature of representative sample or temperature blank when opened: _____ 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: NA

4. Were the seals intact, signed, and dated correctly?..... YES....NO...(NA)

5. Were custody papers inside cooler?..... YES....NO...NA 9/30/06

I certify that I opened the cooler and answered questions 1-5 (intial)..... 1.6

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)..... KC

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)..... KC

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)..... KC

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

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

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#**

Cooler Received/Opened On 09/30/2006 @ 0830

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 12 97E 15W 13 4188 5639

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

2. Temperature of representative sample or temperature blank when opened: 3.8 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: NA

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)..... RG

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)..... MC

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)..... MC

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)..... MC

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

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:
- ☐ TA - Irvine, California
- ☒ ~~TA - Morgan Hill, California~~
- ☐ TA - Sacramento, California
- ☑ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

NAME OF PERSON TO BILL: Denis Brown
- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 7 5 0

PO #:

SAP or CRMT #:

DATE: 9-25-06

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:
Blaine Tech Services	BTSS

SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
610 Market St., Oakland	CA	T0600102121

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.: 060925-1301

BTS #

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

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

SAMPLER NAME(S) (Print): B Proud

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:
- ☐ EDD NOT NEEDED
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMB RATE APPLIES
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

NPI4080

10/16/06 23:59

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

1.6°C

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	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)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)		
	MW-1	9-25	1155	W	3	X		X	X													NPI	4080-01
	MW-2	"	1150	"	"	X		X	X															02
	MW-3	"	1230	"	"	X		X	X															03
	MW-4	"	1040	"	"	X		X	X															04
	MW-5	"	1045	"	"	X		X	X															05
	MW-6	"	1220	"	"	X		X	X															06
	MW-7	"	1210	"	"	X		X	X															07
	MW-8	"	1235	"	"	X		X	X															08
	MW-9	"	1200	"	"	X		X	X															09
																								10

Relinquished by: (Signature) B Proud	Received by: (Signature) Sandy Oesterle	Date: 9/25/06	Time: 1200
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/27/06	Time: 1400
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/27/06	Time: 1455

JULIE NG (NH) 9.28.06 1500

9/30/06 -830

05/02/06 Revision

Q&Q Graphic (714) 898-9702

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: SHELL / BLAINE
REC. BY (PRINT): EH
WORKORDER:

DATE REC'D AT LAB: 9/27/06
TIME REC'D AT LAB: 1455
DATE LOGGED IN:

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*								
2. Chain-of-Custody (Present) / Absent*								
3. Traffic Reports or Packing List: Present / (Absent)								
4. Airbill: Airbill / Sticker Present / (Absent)								
5. Airbill #: ~~~								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time? (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper preservatives used? (Yes) / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No)								
14. Read Temp: 5.0 °C Corrected Temp: ~~~ Is corrected temp 4 +/-2°C? (Yes) / No**								

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

9/27/06 EH

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SHELL WELLHEAD INSPECTION CHECKLIST

Client Shell Date 9-25-06

Site Address 610 Market Oakland

Job Number 060925-BP1 Technician B Prow

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL." (12"or less)	WELL TAG IS PRESENT, SECURE, AND CORRECT	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
mw-1	X	X	X	X						
mw-2		N/A	N/A	No						X
mw-3	X	N/A	N/A	X						
mw-4	X	X	X	X						
mw-5	X	∝	X	X						
mw-6		N/A	N/A	X		X	X			
mw-7	X	N/A	N/A	X						
mw-8		N/A	N/A	X		X	X			
mw-9	∝	X	X	X						

NOTES: mw-2 well tag broken but still in well

mw-6, 8, no cap on well @ arrival

WELL GAUGING DATA

Project # 060925-BP1 Date 9-25-06 Client Shell

Site 610 Market Oakland

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 TOC	Notes
MW-1	939	4					14.07	24.56		
MW-2	936	4					11.08	18.13		
MW-3	954	4	pump	off			~~10.64~~ 11.23 BP	18.64		
MW-4	1015	4					11.23	19.67		
MW-5	1028	4					10.96	20.00		
MW-6	950	4					11.08	18.58		
MW-7	946	4					12.04	18.12		
MW-8	959	4					11.42	18.16		
MW-9	942	4					11.78	19.69		

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 24.56	Depth to Water (DTW): 14.07
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]: 16.17	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

6.8 (Gals.) X 3 = 20.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1102	73.4	6.3	886	18	7.0	
1104	72.6	6.3	906	20	14.0	
well	Dewatered	@			15.0	
1155	73.7	6.3	897	19	—	

Did well dewater? (Yes) No Gallons actually evacuated: 15.0

Sampling Date: 9/25/06 Sampling Time: 1155 Depth to Water: 14.18

Sample I.D.: MW-1 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.13	Depth to Water (DTW): 11.08
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]: 12.49	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

4.6 (Gals.) X	3 =	13.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1056	75.3	6.4	1052	19	5.0	
	well	Dewatered @			8.0	
1150	72.2	6.4	1034	17	—	

Did well dewater? (Yes) No Gallons actually evacuated: 8.0

Sampling Date: 9/25/06 Sampling Time: 1150 Depth to Water: 11.16

Sample I.D.: MW-2 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: mw-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.64	Depth to Water (DTW): 11.23
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]: 12.71	

Purge Method: Bailer ✓ Waterra
Disposable Bailer Peristaltic
Positive Air Displacement Extraction Pump
Electric Submersible ✓ Other ____

Sampling Method: Bailer ✓
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: ____

4.8 (Gals.) X 3 = 14.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or ~~uS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1128	74.0	6.5	1150	213	5.0	
	well dewatered			0	5.0	
1230	74.4	6.7	1122	186	—	

Did well dewater? Yes ✓ No Gallons actually evacuated: 5.0

Sampling Date: 9/25/06 Sampling Time: 1230 Depth to Water: 11.48

Sample I.D.: mw-3 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.67	Depth to Water (DTW): 11.23
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]: 12.92	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible ✓ / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: Bailer ✓ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

5.5 (Gals.) X	3	=	16.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1022	73.1	6.1	1053	50	5.5	
	well	Dewatered @			9.0	
1040	72.2	6.1	1065	89	—	

Did well dewater? (Yes) No Gallons actually evacuated: 9.0

Sampling Date: 9/25/06 Sampling Time: 1040 Depth to Water: 12.88

Sample I.D.: MW-4 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: mw-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 20.00	Depth to Water (DTW): 10.96
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]: 12.77	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible ✓ / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: Bailer ✓ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

5.9 (Gals.) X	3	=	17.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1031	74.0	6.57	1190	42	6.0	
		well	Dewatered	(0)	9.0	
1045	75.0	6.6	1161	31		

Did well dewater? (Yes) No Gallons actually evacuated: 9.0

Sampling Date: 9/25/06 Sampling Time: ~~1275~~ BP 1045 Depth to Water: 12.75

Sample I.D.: mw-5 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: mw-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.58	Depth to Water (DTW): 11.08
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]: 12.58	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible ✓ / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer ✓ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

4.9 (Gals.) X	3	=	14.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1121	73.9	6.6	866	28	5.0	
	well dewatered @				10.0	
1220	74.7	6.6	958	32	—	

Did well dewater? (Yes) No Gallons actually evacuated: 10.0

Sampling Date: 9/25/06 Sampling Time: 1220 Depth to Water: 11.12

Sample I.D.: mw-6 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: mw-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.12	Depth to Water (DTW): 12.04
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]: 13.26	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible (✓) / Waterra / Peristaltic / Extraction Pump / Other____

Sampling Method: Bailer (✓) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

4.0 (Gals.) X	3 =	11.86 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1115	70.5	6.5	959	76	4.0	
	well	Purged	dry @		7.0	
1210	71.9	6.6	999	58	—	

Did well dewater? (Yes) No Gallons actually evacuated: 7.0

Sampling Date: 9/25/06 Sampling Time: 1210 Depth to Water: 12.43

Sample I.D.: mw-7 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: mw-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.16	Depth to Water (DTW): 11.92
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]: 12.77	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible ✓, Waterra, Peristaltic, Extraction Pump, Other ____

Sampling Method: Bailer ✓, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ____

4.4 (Gals.) X 3 = 13.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1142	71.3	6.5	1188	10	4.5	
	well	Dewatered @			8.0	
1235	71.2	6.5	1124	73	—	

Did well dewater? (Yes) No Gallons actually evacuated: 8.0

Sampling Date: 9/25/06 Sampling Time: 1235 Depth to Water: 11.64

Sample I.D.: mw-8 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060925-BP1	Site: 98995750
Sampler: B Prowd	Date: 9/25/2006
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.69	Depth to Water (DTW): 11.78
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]: 13.36	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible ✓ / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer ✓ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

5.1 (Gals.) X	3 =	15.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1109	70.0	6.2	1473	26	5.5	
1110	68.9	6.2	1505	70	10.5	
	well	Dewatered	@		13.0	
1200	69.9	6.2	1447	35		

Did well dewater? ~~Yes~~ No Gallons actually evacuated: 13.0

Sampling Date: 9/25/06 Sampling Time: 1200 Depth to Water: 11.83

Sample I.D.: MW-9 Laboratory: Test America

Analyzed for: TPH-G BTEX Oxygenates(5)

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G Oxygenates(5) 1,2-DCA EDB 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

Attachment B

Laboratory Analytical Data

ANALYTICAL REPORT

Job Number: 720-4467-1

Job Description: 610 Market Street, Oakland

For:
Cambria Environmental Tech
5900 Hollis Street, Suite A
Emeryville, CA 94508

Attention: Trey Jackson

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
07/13/2006

cc: Cynthia Vasko

Project Manager: Melissa Brewer

EXECUTIVE SUMMARY - Detections

Client: Cambria Environmental Tech Job Number: 720-4467-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-4467-1	**INF**				
Benzene		1.6	0.50	ug/L	8260B
Ethylbenzene		0.66	0.50	ug/L	8260B
MTBE		9.9	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C6-C12		120	50	ug/L	8260B

METHOD SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-4467-1	INF	Water	07/07/2006 0815	07/07/2006 1237
720-4467-2	MID 1	Water	07/07/2006 0810	07/07/2006 1237
720-4467-3	MID-2	Water	07/07/2006 0805	07/07/2006 1237
720-4467-4	EFF	Water	07/07/2006 0800	07/07/2006 1237

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Client Sample ID: **INF**

Lab Sample ID: 720-4467-1
Client Matrix: Water

Date Sampled: 07/07/2006 0815
Date Received: 07/07/2006 1237

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/11/2006 1107
Date Prepared: 07/11/2006 1107

Analysis Batch: 720-10886

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	1.6		0.50
Ethylbenzene	0.66		0.50
Toluene	ND		0.50
MTBE	9.9		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	120		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	106	77 - 121
1,2-Dichloroethane-d4	105	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4467-1

Client Sample ID: **MID 1**

Lab Sample ID: 720-4467-2
Client Matrix: Water

Date Sampled: 07/07/2006 0810
Date Received: 07/07/2006 1237

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/07/2006 1752
Date Prepared: 07/07/2006 1752

Analysis Batch: 720-10748

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	106	77 - 121
1,2-Dichloroethane-d4	100	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4467-1

Client Sample ID: **MID-2**

Lab Sample ID: 720-4467-3
Client Matrix: Water

Date Sampled: 07/07/2006 0805
Date Received: 07/07/2006 1237

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/07/2006 1819
Date Prepared: 07/07/2006 1819

Analysis Batch: 720-10748

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	111	77 - 121
1,2-Dichloroethane-d4	105	73 - 130

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Client Sample ID: **EFF**

Lab Sample ID: 720-4467-4
Client Matrix: Water

Date Sampled: 07/07/2006 0800
Date Received: 07/07/2006 1237

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/07/2006 1845
Date Prepared: 07/07/2006 1845

Analysis Batch: 720-10748

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	108	77 - 121
1,2-Dichloroethane-d4	105	73 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Cambria Environmental Tech

Job Number: 720-4467-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-10748				
LCS 720-10748/3	Lab Control Spike	Water	8260B	
LCSD 720-10748/2	Lab Control Spike Duplicate	Water	8260B	
MB 720-10748/4	Method Blank	Water	8260B	
720-4467-2	MID 1	Water	8260B	
720-4467-3	MID-2	Water	8260B	
720-4467-4	EFF	Water	8260B	
Analysis Batch:720-10886				
LCS 720-10886/21	Lab Control Spike	Water	8260B	
LCSD 720-10886/20	Lab Control Spike Duplicate	Water	8260B	
MB 720-10886/22	Method Blank	Water	8260B	
720-4467-1	INF	Water	8260B	
720-4469-A-1 MS	Matrix Spike	Water	8260B	
720-4469-A-1 MSD	Matrix Spike Duplicate	Water	8260B	

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(12DCE) (%Rec)	(TOL) (%Rec)
720-4467-1	INF	105	106
720-4467-2	MID 1	100	106
720-4467-3	MID-2	105	111
720-4467-4	EFF	105	108
720-4469-A-1 MS		100	108
720-4469-A-1 MSD		101	104
LCS 720-10748/3		94	102
LCS 720-10886/21		98	105
LCSD 720-10748/2		101	103
LCSD 720-10886/20		97	106
MB 720-10748/4		103	104
MB 720-10886/22		107	103

Surrogate		Acceptance Limits
(12DCE)	1,2-Dichloroethane-d4	73 - 130
(TOL)	Toluene-d8	77 - 121

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Method Blank - Batch: 720-10748

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-10748/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/07/2006 1004
Date Prepared: 07/07/2006 1004

Analysis Batch: 720-10748
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	104	77 - 121
1,2-Dichloroethane-d4	103	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-10748

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-10748/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/07/2006 0844
Date Prepared: 07/07/2006 0844

Analysis Batch: 720-10748
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-10748/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/07/2006 0911
Date Prepared: 07/07/2006 0911

Analysis Batch: 720-10748
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	94	101	69 - 129	7	25		
Toluene	104	105	70 - 130	1	25		
MTBE	95	106	65 - 165	11	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	102	103	77 - 121
1,2-Dichloroethane-d4	94	101	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Method Blank - Batch: 720-10886

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-10886/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/11/2006 1040
Date Prepared: 07/11/2006 1040

Analysis Batch: 720-10886
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\07
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	103	77 - 121
1,2-Dichloroethane-d4	107	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-10886

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-10886/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/11/2006 0920
Date Prepared: 07/11/2006 0920

Analysis Batch: 720-10886
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\0
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-10886/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/11/2006 0947
Date Prepared: 07/11/2006 0947

Analysis Batch: 720-10886
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200607\071
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	94	98	69 - 129	4	25		
Toluene	102	101	70 - 130	1	25		
MTBE	91	101	65 - 165	10	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	105	106	77 - 121
1,2-Dichloroethane-d4	98	97	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-10886

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4469-A-1 MS	Analysis Batch: 720-10886	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\(
Dilution:	10		Initial Weight/Volume: 40 mL
Date Analyzed:	07/11/2006 1415		Final Weight/Volume: 40 mL
Date Prepared:	07/11/2006 1415		

MSD Lab Sample ID:	720-4469-A-1 MSD	Analysis Batch: 720-10886	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\07
Dilution:	10		Initial Weight/Volume: 40 mL
Date Analyzed:	07/11/2006 1442		Final Weight/Volume: 40 mL
Date Prepared:	07/11/2006 1442		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	98	97	69 - 129	0	20		
Toluene	104	103	70 - 130	1	20		
MTBE	105	108	65 - 165	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	108	104	77 - 121
1,2-Dichloroethane-d4	100	101	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-4467

STL-San Francisco — SHELL Chain Of Custody Record

106748

1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

Denis Brown

INCIDENT NUMBER (S&E ONLY)								DATE:
9	8	9	9	5	7	5	0	
SAP or CRMT NUMBER (TS/CRMT)								PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS (Street and City):	GLOBAL ID NO.:
Cambria Environmental Technology, Inc.	CETO	610 Market Street, Oakland	T0600102121

ADDRESS:	EDF DELIVERABLE TO (Responsible Party or Designee):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
5900 Hollis Street, Suite A, Emeryville, CA 94608	Cynthia Vasko	(510) 420-3344	shell.em.edf@cambria-env.com	247-0594-003

PROJECT CONTACT (Hardcopy or PDF Report to): Trey Jackson

TELEPHONE:	FAX:	E-MAIL:
510-420-3341	510-420-9170	tjackson@cambria-env.com

SAMPLER NAME(S) (Print): Rick Buskey

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 ☐

Strip Midfluent Data from EDF files

Compliance Samples

Flowmeter = 220631 Hour Meter = 1046.4

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (8015m)	BTEX	MTBE (8260B 0.5 ppb DL)	TBA	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal	OGHC (EPA 1664)					TEMPERATURE ON RECEIPT C°
	INF	7/7/06	8:15	AQ	5	X		X	X																	VOAs w/HCl
	MID 1	"	8:10	AQ	5	X		X	X																	VOAs w/HCl
	MID-2	"	8:05	AQ	5	X		X	X																	VOAs w/HCl
	EFF	✓	8:03	AQ	5	X		X	X																	VOAs w/HCl

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Rick Buskey	Jason Mulder	7/7/06	1237
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

10/16/00 Shell Revision
11/1/05 Cambria Revision

Q&Q Graphic (714) 898-9702

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Cambria Environmental Tech

Job Number: 720-4467-1

Login Number: 4467

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 720-4850-1

Job Description: 610 Market Street, Oakland

For:
Cambria Environmental Tech
5900 Hollis Street, Suite A
Emeryville, CA 94508

Attention: Trey Jackson

Melissa Brewer
Project Manager I
mbrewer@stl-inc.com
08/07/2006

cc: Cynthia Vasko

Project Manager: Melissa Brewer

EXECUTIVE SUMMARY - Detections

Client: Cambria Environmental Tech Job Number: 720-4850-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-4850-1	**INF**				
Benzene		0.93	0.50	ug/L	8260B
MTBE		20	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C6-C12		170	50	ug/L	8260B

METHOD SUMMARY

Client: Cambria Environmental Tech Job Number: 720-4850-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Cambria Environmental Tech

Job Number: 720-4850-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-4850-1	INF	Water	08/01/2006 1525	08/01/2006 1617
720-4850-2	MID-1	Water	08/01/2006 1520	08/01/2006 1617
720-4850-3	MID-2	Water	08/01/2006 1515	08/01/2006 1617
720-4850-4	EFF	Water	08/01/2006 1510	08/01/2006 1617

Client: Cambria Environmental Tech | Job Number: 720-4850-1

Client Sample ID: **INF**

Lab Sample ID: 720-4850-1 | Date Sampled: 08/01/2006 1525
Client Matrix: Water | Date Received: 08/01/2006 1617

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-11640 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: c:\saturnws\data\200608\08
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 08/02/2006 1516 | Final Weight/Volume: 10 mL
Date Prepared: 08/02/2006 1516

Analyte	Result (ug/L)	Qualifier	RL
Benzene	0.93		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	20		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	170		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	87	77 - 121
1,2-Dichloroethane-d4	98	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4850-1

Client Sample ID: **MID-1**

Lab Sample ID: 720-4850-2
Client Matrix: Water

Date Sampled: 08/01/2006 1520
Date Received: 08/01/2006 1617

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/02/2006 1453
Date Prepared: 08/02/2006 1453

Analysis Batch: 720-11640

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200608\08
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	95	77 - 121
1,2-Dichloroethane-d4	98	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4850-1

Client Sample ID: **MID-2**

Lab Sample ID: 720-4850-3 | Date Sampled: 08/01/2006 1515
Client Matrix: Water | Date Received: 08/01/2006 1617

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-11640 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: c:\saturnws\data\200608\08
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 08/02/2006 1431 | Final Weight/Volume: 10 mL
Date Prepared: 08/02/2006 1431

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	95	77 - 121
1,2-Dichloroethane-d4	99	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4850-1

Client Sample ID: **EFF**

Lab Sample ID: 720-4850-4 | Date Sampled: 08/01/2006 1510
Client Matrix: Water | Date Received: 08/01/2006 1617

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-11640 | Instrument ID: Varian 3900A
Preparation: 5030B | Lab File ID: c:\saturnws\data\200608\08
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 08/02/2006 1324 | Final Weight/Volume: 10 mL
Date Prepared: 08/02/2006 1324

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	93	77 - 121
1,2-Dichloroethane-d4	94	73 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Cambria Environmental Tech

Job Number: 720-4850-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-11640				
LCS 720-11640/10	Lab Control Spike	Water	8260B	
LCSD 720-11640/9	Lab Control Spike Duplicate	Water	8260B	
MB 720-11640/11	Method Blank	Water	8260B	
720-4850-1	INF	Water	8260B	
720-4850-2	MID-1	Water	8260B	
720-4850-3	MID-2	Water	8260B	
720-4850-4	EFF	Water	8260B	
720-4850-4MS	Matrix Spike	Water	8260B	
720-4850-4MSD	Matrix Spike Duplicate	Water	8260B	

Client: Cambria Environmental Tech

Job Number: 720-4850-1

Method Blank - Batch: 720-11640

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-11640/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2006 1002
Date Prepared: 08/02/2006 1002

Analysis Batch: 720-11640
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200608\08
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
Toluene	ND		0.50
MTBE	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	94	77 - 121
1,2-Dichloroethane-d4	91	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-4850-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-11640

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-11640/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2006 0918
Date Prepared: 08/02/2006 0918

Analysis Batch: 720-11640
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200608\08
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-11640/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/02/2006 0940
Date Prepared: 08/02/2006 0940

Analysis Batch: 720-11640
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200608\080
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	87	90	69 - 129	3	25		
Toluene	91	94	70 - 130	4	25		
MTBE	83	92	65 - 165	10	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	95	96	77 - 121
1,2-Dichloroethane-d4	87	91	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Cambria Environmental Tech

Job Number: 720-4850-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-11640

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4850-4	Analysis Batch: 720-11640	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200608\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/02/2006 1346		Final Weight/Volume: 10 mL
Date Prepared:	08/02/2006 1346		

MSD Lab Sample ID:	720-4850-4	Analysis Batch: 720-11640	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200608\08
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/02/2006 1408		Final Weight/Volume: 10 mL
Date Prepared:	08/02/2006 1408		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	99	94	69 - 129	5	20		
Toluene	101	95	70 - 130	6	20		
MTBE	104	93	65 - 165	11	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	94	96	77 - 121
1,2-Dichloroethane-d4	93	92	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-4850

STL-San Francisco — SHELL Chain Of Custody Record

101132

1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be invoiced:

- [x] SCIENCE & ENGINEERING
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON

Denis Brown

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 7 5 0

SAP or CRMT NUMBER (TS/CRMT): [redacted]

DATE: ______

PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technology, Inc.
LOG CODE: CETO
SITE ADDRESS (Street and City): 610 Market Street, Oakland
GLOBAL ID NO.: T0600102121
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608
EDF DELIVERABLE TO (Responsible Party or Designee): Cynthia Vasko
PHONE NO.: (510) 420-3344
E-MAIL: shell.em.edf@cambria-env.com
CONSULTANT PROJECT NO.: 247-0594-003
PROJECT CONTACT (Hardcopy or PDF Report to): Trey Jackson
TELEPHONE: 510-420-3341
FAX: 510-420-9170
E-MAIL: tjackson@cambria-env.com
SAMPLER NAME(S) (Print): Rick Buskey
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 ☐

Strip Midfluent Data from EDF files

Compliance Samples

Flowmeter = 1206370 Hour Meter = 11103.7

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (8015m)	BTEX	MTBE (8260B 0.5 ppb DL)	TBA	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal	OGHC (EPA 1664)					FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	INF	8/1/06	3:25	AQ	5	X		X	X																	VOAs w/HCl
	MID 1	↓	3:20	AQ	5	X		X	X																	VOAs w/HCl
	MID-2	↓	3:15	AQ	5	X		X	X																	VOAs w/HCl
	EFF	↓	3:10	AQ	5	X		X	X																	VOAs w/HCl

1042

TEMPERATURE ON RECEIPT C°: 9 < 4 HRS

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	8/1/06	16:17

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

Q&Q Graphic (714) 898-9702

10/16/00 Shell Revision
11/1/05 Cambria Revision

G:\Oakland 610 Market\Remediation\o&m\Field Forms\0594 GWE COCMonthly

08/07/2006

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Cambria Environmental Tech

Job Number: 720-4850-1

Login Number: 4850

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
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819 Striker Avenue, Suite 8
Sacramento, CA 95834
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FAX (916) 921-0100
www.testamericainc.com

25 September, 2006

Trey Jackson
Cambria Environmental - 5900 Hollis, Emeryville
5900 Hollis St., Ste. A
Emeryville, CA 94608

RE: Shell 610 Market, Oakland
Work Order: S609122

Enclosed are the results of analyses for samples received by the laboratory on 09/06/06 18:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Alan B. Kemp For Sylvia Krenn
Project Manager

CA ELAP Certificate # 2630

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 610 Market, Oakland	S609122
5900 Hollis St., Ste. A	Project Number: 98995750 SAP# 135692	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 11:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INF	S609122-01	Water	09/05/06 12:05	09/06/06 18:30
MID 1	S609122-02	Water	09/05/06 12:10	09/06/06 18:30
MID-2	S609122-03	Water	09/05/06 11:55	09/06/06 18:30
EFF	S609122-04	Water	09/05/06 11:50	09/06/06 18:30

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 610 Market, Oakland	S609122
5900 Hollis St., Ste. A	Project Number: 98995750 SAP# 135692	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 11:30

Gasoline\BTEX\Oxygenates by GCMS\8260B

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INF (S609122-01) Water Sampled: 09/05/06 12:05 Received: 09/06/06 18:30									
Methyl tert-butyl ether	**55**	0.50	ug/l	1	6090284	09/19/06	09/19/06	GCMS \ 8260B	
Benzene	**23**	0.50	"	"	"	"	"	"	
Ethylbenzene	**13**	0.50	"	"	"	"	"	"	
Toluene	**2.0**	0.50	"	"	"	"	"	"	
Xylenes (total)	**77**	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**660**	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*94 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*94 %*		*60-140*	"	"	"	"	
MID 1 (S609122-02) Water Sampled: 09/05/06 12:10 Received: 09/06/06 18:30									
Methyl tert-butyl ether	**5.1**	0.50	ug/l	1	6090284	09/19/06	09/19/06	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	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*97 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*94 %*		*60-140*	"	"	"	"	
MID-2 (S609122-03) Water Sampled: 09/05/06 11:55 Received: 09/06/06 18:30									
Methyl tert-butyl ether	ND	0.50	ug/l	1	6090284	09/19/06	09/19/06	GCMS \ 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**97**	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*98 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*99 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*96 %*		*60-140*	"	"	"	"	

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 610 Market, Oakland	S609122
5900 Hollis St., Ste. A	Project Number: 98995750 SAP# 135692	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 11:30

Gasoline\BTEX\Oxygenates by GCMS\8260B

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFF (S609122-04) Water Sampled: 09/05/06 11:50 Received: 09/06/06 18:30									
Methyl tert-butyl ether	ND	0.50	ug/l	1	6090284	09/19/06	09/19/06	GCMS \ 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**110**	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*96 %*	*60-140*		"	"	"	"	
Surrogate: Toluene-d8		*96 %*	*60-140*		"	"	"	"	
Surrogate: 4-BFB		*99 %*	*60-140*		"	"	"	"	

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 610 Market, Oakland	S609122
5900 Hollis St., Ste. A	Project Number: 98995750 SAP# 135692	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 11:30

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
Batch 6090284 - EPA 5030B [P/T] / GCMS \ 8260B										
Blank (6090284-BLK1)				Prepared & Analyzed: 09/19/06						
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	"							
Surrogate: 1,2-DCA-d4	*9.24*		*"*	*10.0*		*92*	*60-140*			
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*60-140*			
Surrogate: 4-BFB	*9.43*		*"*	*10.0*		*94*	*60-140*			
Laboratory Control Sample (6090284-BS1)				Prepared & Analyzed: 09/19/06						
Methyl tert-butyl ether	32.9	0.50	ug/l	52.0		63	60-140			
Toluene	153	0.50	"	188		81	70-130			
Gasoline Range Organics (C4-C12)	2160	50	"	2200		98	70-130			
Surrogate: 1,2-DCA-d4	*9.05*		*"*	*10.0*		*90*	*60-140*			
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*60-140*			
Surrogate: 4-BFB	*9.64*		*"*	*10.0*		*96*	*60-140*			
Laboratory Control Sample (6090284-BS2)				Prepared & Analyzed: 09/19/06						
Methyl tert-butyl ether	19.0	0.50	ug/l	20.0		95	60-140			
Benzene	18.6	0.50	"	20.0		93	70-130			
Toluene	19.3	0.50	"	20.0		96	70-130			
Surrogate: 1,2-DCA-d4	*9.41*		*"*	*10.0*		*94*	*60-140*			
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*99*	*60-140*			
Surrogate: 4-BFB	*9.45*		*"*	*10.0*		*94*	*60-140*			

TestAmerica
ANALYTICAL TESTING CORPORATION

819 Striker Avenue, Suite 8
Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
www.testamericainc.com

Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 610 Market, Oakland	S609122
5900 Hollis St., Ste. A	Project Number: 98995750 SAP# 135692	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 11:30

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
Batch 6090284 - EPA 5030B [P/T] / GCMS \ 8260B										
Laboratory Control Sample Dup (6090284-BSD1)				Prepared: 09/19/06 Analyzed: 09/20/06						
Methyl tert-butyl ether	33.0	0.50	ug/l	52.0		63	60-140	0.3	25	
Toluene	152	0.50	"	188		81	70-130	0.7	25	
Gasoline Range Organics (C4-C12)	2140	50	"	2200		97	70-130	0.9	25	
Surrogate: 1,2-DCA-d4	*9.05*		*"*	*10.0*		*90*	*60-140*			
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*60-140*			
Surrogate: 4-BFB	*9.53*		*"*	*10.0*		*95*	*60-140*			
Laboratory Control Sample Dup (6090284-BSD2)				Prepared: 09/19/06 Analyzed: 09/20/06						
Methyl tert-butyl ether	18.7	0.50	ug/l	20.0		94	60-140	2	25	
Benzene	19.1	0.50	"	20.0		96	70-130	3	25	
Toluene	19.5	0.50	"	20.0		98	70-130	1	25	
Surrogate: 1,2-DCA-d4	*9.54*		*"*	*10.0*		*95*	*60-140*			
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*60-140*			
Surrogate: 4-BFB	*9.25*		*"*	*10.0*		*92*	*60-140*			

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5900 Hollis St., Ste. A	Project Number: 98995750 SAP# 135692	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 11:30

Notes and Definitions

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

SHELL Chain Of Custody Record

SC0412

TEST AMERICA

Shell Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

Denis Brown

INCIDENT NUMBER (S&E ONLY): 98995750

SAP or CRMT NUMBER (TS/CRMT):

DATE:

PAGE: 1 of 1

SAMPLING COMPANY: Cambria Environmental Technology, Inc.	LOG CODE: CETO	SITE ADDRESS (Street and City): 610 Market Street, Oakland	GLOBAL ID NO.: T0600102121
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608		EDF DELIVERABLE TO (Responsible Party or Designee): Cynthia Vasko	PHONE NO.: (510) 420-3344
PROJECT CONTACT (Hardcopy or PDF Report to): Trey Jackson		E-MAIL: shell.em.edf@cambria-env.com	CONSULTANT PROJECT NO.: 247-0594-003
TELEPHONE: 510-420-3341	FAX: 510-420-9170	E-MAIL: tjackson@cambria-env.com	SAMPLER NAME(S) (Print): Rick Buskey

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 ☐

Strip Midfluent Data from EDF files

Compliance Samples

Flowmeter = 22515.26 Hour Meter = 1194.3

LAB USE ONLY

Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (8015m)	BTEX	MTBE (8260B 0.5 ppb DL)	TBA	5 Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by 8260B	Semi-Volatiles by 8270C	Lead ☐ Total ☐ STLC ☐ TCLP	LUFT5 ☐ Total ☐ STLC ☐ TCLP	CAM17 ☐ Total ☐ STLC ☐ TCLP	Test for Disposal	OGHC (EPA 1664)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
INF	9/5/06	12:05	AQ	5	X		X	X							-01						VOAs w/HCl
MID 1		12:10	AQ	5	X		X	X							-02						VOAs w/HCl
MID-2		11:55	AQ	5	X		X	X							-03						VOAs w/HCl
EFF		11:52	AQ	5	X		X	X							-04						VOAs w/HCl

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature) Rick Buskey	Received by: (Signature) Secure location	Date: 9/5/06	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/5/06	Time: 1430
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/5/06	Time: 1750

DISTRIBUTION: White with final report, Green for File, Yellow and Pink to Client.

9-6-06 09:00 9/6/06 0900 9/6/06 1500 9-6-06 1830

3.9°

10/16/00 Shell Revision
11/1/05 Cambria Revision

Q&Q Graphic (714) 895-9702