Denis L. Brown

Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
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Email denis.l.brown@shell.com

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

Re: Shell-branded Service Station
2120 Montana Street
Oakland, California
SAP Code 135675
Incident No. 98995740
ACHCSA Case No. 0173

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 20, 2006

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

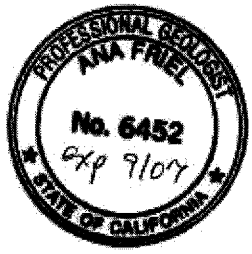
Re: **Groundwater Monitoring and Remediation Report – Third Quarter 2006**
Shell-branded Service Station
2120 Montana Street
Oakland, California
SAP Code 135675
Incident No. 98995740

Dear Mr. Wickham:

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

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

Sincerely,
Cambria Environmental Technology, Inc.



Ana Friel, P.G.
Senior Project Geologist

Enclosure: Groundwater Monitoring Report – Third Quarter 2006

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

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	2120 Montana Street, 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.	0173
Shell SAP Code	135675
Shell Incident No.	98995740
Date of Most Recent Agency Correspondence	August 24, 2006

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. Submitted a *Remediation System Expansion and Offsite Investigation Status Report* (August 17, 2006).
4. Received correspondence (September 13, 2006) from adjacent property owner's representative concerning Shell's request for site access and forwarded correspondence to Shell.

Current Quarter's Findings

Groundwater Flow Direction	South-Southwest
Hydraulic Gradient	0.02
Depth to Water	11.21 to 13.92 feet below top of well casing

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

System Up-Time	74%
Volume Extracted	710,820 gallons of groundwater
Mass Removed	21.7 pounds of TPHg, 0.824 pounds of benzene, and 4.85 pounds of MTBE.

Proposed Activities for Next Quarter

1. Gauge and sample wells during the third month of the quarter, according to the established monitoring program for this site.
2. Continue access negotiations in order to perform outstanding proposed off site investigation.

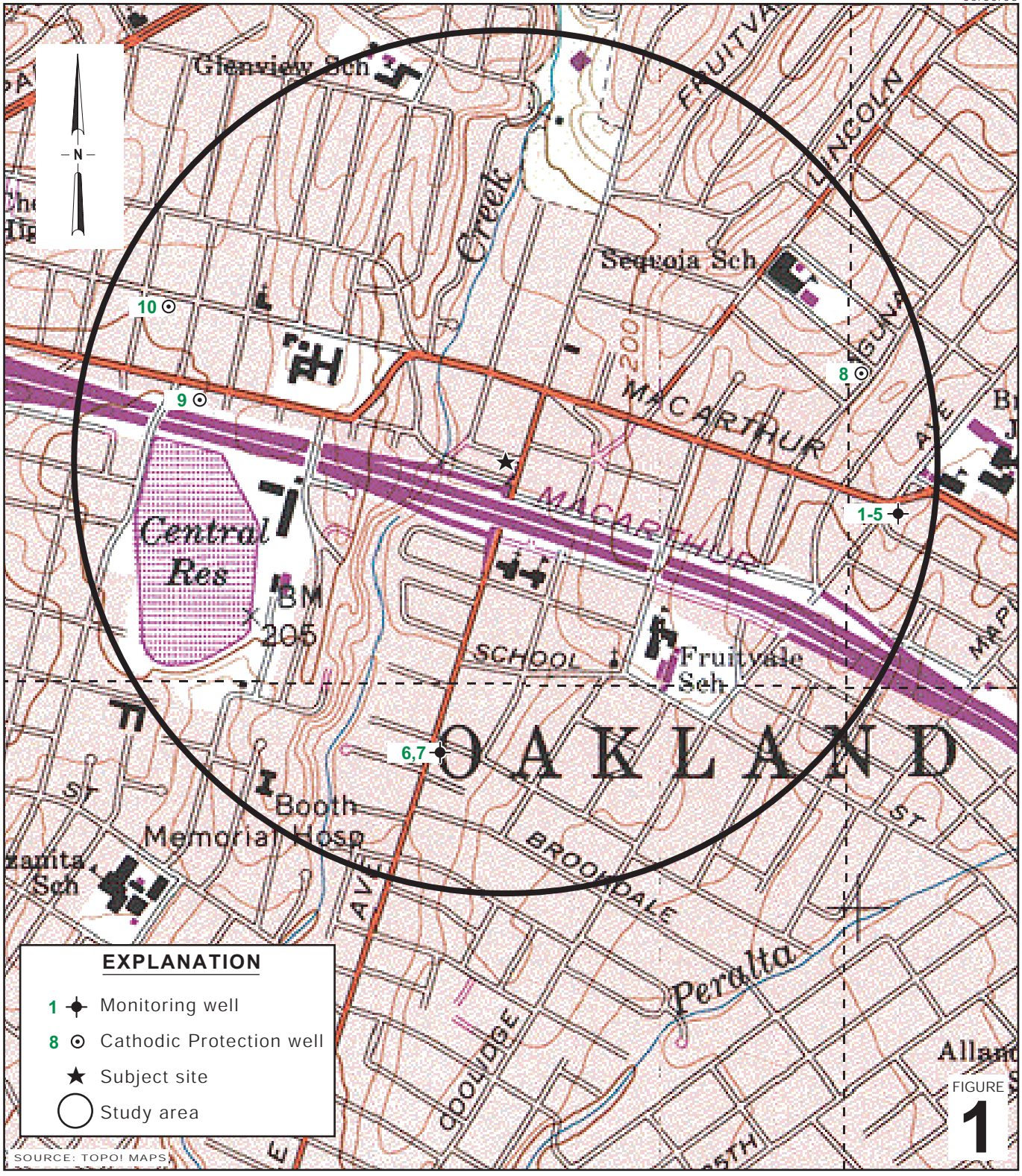
Figures: 1 - Vicinity Map
2 - Groundwater Contour Map

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

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

K:\Oakland 2120 Montana\Qm\2006\3Q06\Text 2120 Montana Oakland 3Q06.doc

05/30/06



G:\OAKLAND 2120 MONTANA\FIGURES\VIC-WELL-SURVEY.AI

0 1/6 1/3 1/2 1

SCALE : 1" = 1/6 MILE

FIGURE 1

Shell-branded Service Station
2120 Montana Street
Oakland, California
Incident No.98995740

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Vicinity Map

(1/2-Mile Radius)

11/19/06

EXPLANATION

- SV-F — Proposed soil vapor probe location
- EW-1 — Extraction well location
- MW-1 — Well used for groundwater extraction
- MW-2 — Monitoring well location
- TBW-N — Tank backfill well location
- SB-1 — Cambria soil boring location (10/99)
- INF — GWE system sampling location
- Remediation piping (R)
- Proposed remediation piping (P-R)
- Discharge line (D)
- Electrical and overhead electric line (E, OE)
- Sanitary sewer (SS)
- Water line (W)
- Telecommunications line (T)
- Product dispenser number
- NS — Not surveyed

Approximate hydraulic gradient = 0.02

- xx.xx — Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred

Well
ELEV
Benzene
MTBE

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

ND = Below laboratory detection limit

Groundwater Gradient Direction
(1Q01 through 3Q06)

Sausal Creek
(730 ft. SW)

Location of Sensitive Receptor
Relative to Site

parking lot

Commercial
property

sidewalk

power pole

10"Ø SS

SLOAN STREET

Building

planter

Relocated Trash Enclosure

TBW-N
148.46
ND
15.3

air/water

storage

INF

EFF

D

Remediation Compound

planter

SS

R

E

SV-I

W

SV-H

TBW-W

USTs

TBW-E

MW-3
148.59
ND
1.62

Shell Station
2120 Montana St.

sidewalk

driveway

MW-1
146.96
24.8
106

SV-G

canopy

148.00

SB-1

TBW-S

kiosk

dispensers

SB-2

EW-1
146.19
28.3
325

gate

RI

SB-3

147.00

Sewer
connection

SV-F

F

2102 Montana

2106 Montana

2110 Montana

MW-4
146.17
2.04
95.9

EW-2
146.30
41.1
87.8

driveway

sidewalk

planter

OE

T

SS

MW-5
145.55
4.23
1.77

MW-2
145.81
683
96.7

146.00

MONTANA STREET

power poles

FRUITVALE AVENUE

INTERSTATE 580 ON-RAMP

0 15 30 60
Scale (ft)

FIGURE
2

Groundwater Contour and Chemical Concentration Map

Shell-branded Service Station
2120 Montana Street
Oakland, California

September 5, 2006

CAMBRIA

K:\OAKLAND 2120 MONTANA\FIGURES\3Q06.DWG

Table 1: Groundwater Extraction - System Analytical Data
Shell-branded Service Station, Incident #98995740, 2120 Montana Street, 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)
03/03/2006	1,900	29	320	<50	<0.50	1.4	50	<0.50	<0.50	<50	<0.50	<0.50
04/13/2006	3,900	180	450	61	<0.50	5.8	76	<0.50	<0.50	51 c	<0.50	<0.50
05/11/2006	1,700	55	140	<50	<0.50	5.3	<50	<0.50	<0.50	<50	<0.50	<0.50
06/08/2006	6,500	450	420	76	<0.50	6.5	98	<0.50	<0.50	86 c	<0.50	<0.50
07/07/2006	**270**	**5.6**	**82**	**58**	**<0.50**	**8.9**	**100 c**	**<0.50**	**<0.50**	**75 c**	**<0.50**	**<0.50**
08/02/2006	**140**	**7.9**	**31**	**76**	**<0.50**	**8.9**	**130 c**	**<0.50**	**<0.50**	**110 c**	**<0.50**	**<0.50**
09/05/2006	**160**	**0.53**	**10**	**<50**	**<0.50**	**<0.50**	**<50**	**<0.50**	**<0.50**	**<50**	**<0.50**	**<0.50**

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tertiary butyl ether
Conc. = Concentration
ppb = parts per billion, equivalent to µg/L
µg/L = Micrograms per liter
TPHg, benzene, and MTBE analyzed by EPA Method 8260B
a = TPHg contains a discreet peak of ethylhexanol, which are not believed to be gasoline related
b = Siloxane peaks were found is sample which are not believed to be gasoline related
c = Concentration reported presented individual or discrete peaks not matching a typical fuel pattern but quantitated as 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 1: Groundwater Extraction - System Analytical Data
Shell-branded Service Station, Incident #98995740, 2120 Montana Street, 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)
04/02/2003	51,000	1,300	7,100	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
04/08/2003	45,000	1,200	8,600	1,600	5.3	3.2	220	<0.50	<0.50	<50	<0.50	<0.50
04/22/2003	<50	<25	1,700	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
05/01/2003	45,000	1,600	8,300	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
05/21/2003	12,000	370	1,500	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/03/2003	10,000	470	1,900	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/17/2003	1,200	42	29	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
04/21/2004	10,000	540	950	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/08/2004	970	26	290	<50	<0.50	<0.50	<50	<0.50	<0.50	94	<0.50	<0.50
06/30/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	<50	<0.50	<0.50
07/07/2004	1,700	71	500	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
08/03/2004	1,000	52	390	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
09/14/2004	4,100	230	1,100	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
10/12/2004	140	3.9	140	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
11/12/2004	2,600	180	680	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
12/02/2004	690	41	340	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
01/03/2005	<500	17	1,500	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
02/14/2005	<100	<1.0	120	<50	<0.50	<0.50	<50	<0.50	<0.50	150 a	<0.50	<0.50
03/02/2005	4,900	190	1,000	<50	<0.50	<0.50	<50 b	<0.50	<0.50	<50 b	<0.50	<0.50
04/11/2005	440	6.7	320	<50 b	<0.50	<0.50	<50	<0.50	<0.50	<50 b	<0.50	<0.50
05/09/2005	120	<0.50	79	<50 b	<0.50	<0.50	<50 b	<0.50	<0.50	<50 b	<0.50	<0.50
06/09/2005	<500	<0.50	<0.50	<500	<5.0	<5.0	<50	<0.50	<0.50	<50	<0.50	<0.50
07/15/2005	480	18	220	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
08/04/2005	290	18	130	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
09/30/2005	<50	<0.50	52	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
10/14/2005	160	1.9	150	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
11/11/2005	240	4.8	140	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
12/05/2005	770	12	1,100	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
01/05/2006	5,700	140	740	<50	<0.50	0.66	<50	<0.50	<0.50	<50	<0.50	<0.50
02/17/2006	4,300	43	330	77	<0.50	0.85	54	<0.50	<0.50	<50	<0.50	<0.50

Table 2: Groundwater Extraction - Operation and Mass Removal Data
Shell-branded Service Station, Incident #98995740, 2120 Montana 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)
04/02/2003	0.0	393	0	0	0		0.000	0.000		0.000	0.000		0.000	0.000
04/02/2003	5.3	1,006	613	1.93	613	51,000	0.261	0.261	1,300	0.007	0.007	7,100	0.036	0.036
04/08/2003	11.4	2,010	1,004	2.74	1,617	45,000	0.377	0.638	1,200	0.010	0.017	8,600	0.072	0.108
04/22/2003	303.0	15,640	13,630	0.78	15,247	<50	0.003	0.641	<25	0.001	0.018	1,700	0.193	0.302
05/01/2003	399.0	17,840	2,200	0.38	17,447	45,000	0.826	1.47	1,600	0.029	0.047	8,300	0.152	0.454
05/20/2003	784.0	43,320	25,480	1.10	42,927		9.568	11.0		0.340	0.388		1.765	2.22
05/21/2003	808.5	44,639	1,319	0.90	44,246	12,000	0.132	11.2	370	0.004	0.392	1,500	0.017	2.24
06/03/2003	1116.9	59,813	15,174	0.82	59,420	10,000	1.266	12.4	470	0.060	0.451	1,900	0.241	2.48
06/17/2003	1455.5	64,741	4,928	0.24	64,348	1,200	0.049	12.5	42	0.002	0.453	29	0.001	2.48
07/01/2003	1697.4	68,668	3,927	0.27	68,275		0.039	12.5		0.001	0.454		0.001	2.48
07/18/2003	1867.0	69,099	431	0.04	68,706		0.004	12.5		0.000	0.455		0.000	2.48
	System Shutdown due to presence of SPH													
04/21/2004	1984.4	1,516.3	0	0.00	68,706	10,000	0.000	12.5	540	0.000	0.455	950	0.000	2.48
05/25/2004	1984.4	1,516.3	0	0.00	68,706		0.000	12.5		0.000	0.455		0.000	2.48
06/08/2004	2,107.5	4,798.2	3,282	0.44	71,988	970	0.027	12.6	26	0.001	0.455	290	0.008	2.49
06/22/2004	2280.6	10,108	5,310	0.51	77,298		0.043	12.6		0.001	0.456		0.013	2.50
06/30/2004	2475.2	18,527.5	8,420	0.72	85,717		0.068	12.7		0.002	0.458		0.020	2.52
07/07/2004	2494.5	19,377	850	0.73	86,567	1,700	0.012	12.7	71	0.001	0.459	500	0.004	2.52
07/22/2004	2861.5	34,214	14,837	0.67	101,404		0.210	12.9		0.009	0.468		0.062	2.58
08/03/2004	3142.1	59,767	25,553	1.52	126,957	1,000	0.213	13.1	52	0.011	0.479	390	0.083	2.67
08/17/2004	3501.3	81,350	21,583	1.00	148,540		0.180	13.3		0.009	0.488		0.070	2.74
08/31/2004	3813.2	81,571	221	0.01	148,761		0.002	13.3		0.000	0.488		0.001	2.74
09/14/2004	4153.4	101,123	19,552	0.96	168,313	4,100	0.669	13.9	230	0.038	0.526	1,100	0.179	2.92
09/29/2004	4513.1	120,885	19,762	0.92	188,075		0.676	14.6		0.038	0.564		0.181	3.10
10/12/2004	4824.1	134,612	13,727	0.74	201,802	140	0.016	14.6	3.9	0.000	0.564	140	0.016	3.12
10/22/2004	4990.6	145,220	10,608	1.06	212,410		0.012	14.7		0.000	0.564		0.012	3.13
11/02/2004	5021.0	147,500	2,280	1.25	214,690		0.003	14.7		0.000	0.564		0.003	3.13
11/12/2004	5263.0	163,212	15,712	1.08	230,402	2,600	0.341	15.0	180	0.024	0.588	680	0.089	3.22
11/22/2004	5498.2	164,899	1,687	0.12	232,089		0.037	15.0		0.003	0.590		0.010	3.23
12/02/2004	5734.9	172,940	8,041	0.57	240,130	690	0.046	15.1	41	0.003	0.593	340	0.023	3.25
12/13/2004	6001.6	178,400	5,460	0.34	245,590		0.031	15.1		0.002	0.595		0.015	3.27
12/27/2004	6338.4	180,207	1,807	0.09	247,397		0.010	15.1		0.001	0.596		0.005	3.27
01/03/2005	6501.9	182,474	2,267	0.23	249,664	<500	0.005	15.1	17	0.000	0.596	1,500	0.028	3.30
01/21/2005	6941.6	197,770	15,296	0.58	264,960		0.032	15.2		0.002	0.598		0.191	3.49
01/31/2005	7172.4	209,951	12,181	0.88	277,141		0.025	15.2		0.002	0.600		0.152	3.65
02/14/2005	7512.9	210,719	768	0.04	277,909	<100	0.000	15.2	<1.0	0.000	0.600	120	0.001	3.65
03/02/2005	7897.9	231,103	20,384	0.88	298,293	4,900	0.833	16.0	190	0.032	0.632	1,000	0.170	3.82

Table 2: Groundwater Extraction - Operation and Mass Removal Data
Shell-branded Service Station, Incident #98995740, 2120 Montana 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			Benzene			MTBE		
						TPHg Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	Benzene Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (ppb)	Period Removal (pounds)	Cumulative Removal (pounds)
03/17/2005	7901.2	231,419	316	1.60	298,609		0.013	16.0		0.001	0.633		0.003	3.82
03/29/2005	8042.9	241,058	9,639	1.13	308,248		0.394	16.4		0.015	0.648		0.080	3.90
04/11/2005	8168.4	249,172	8,114	1.08	316,362	440	0.030	16.5	6.7	0.000	0.649	320	0.022	3.92
04/25/2005	8503.2	269,805	20,633	1.03	336,995		0.076	16.5		0.001	0.650		0.055	3.98
05/09/2005	8841.9	283,739	13,934	0.69	350,929	120	0.014	16.5	<0.50	0.000	0.650	79	0.009	3.99
05/27/2005	9271.3	290,449	6,710	0.26	357,639		0.007	16.6		0.000	0.650		0.004	3.99
06/09/2005	9581.5	290,688	239	0.01	357,878	<500	0.000	16.6	<0.50	0.000	0.650	<0.50	0.000	3.99
06/20/2005	9682.4	291,021	333	0.06	358,211		0.001	16.6		0.000	0.650		0.000	3.99
07/15/2005	10283.3	306,225	15,204	0.42	373,415	480	0.061	16.6	18	0.002	0.652	220	0.028	4.02
07/29/2005	10621.9	313,437	7,212	0.35	380,627		0.029	16.6		0.001	0.653		0.013	4.03
08/04/2005	10762.1	315,854	2,417	0.29	383,044	290	0.006	16.6	18	0.000	0.653	130	0.003	4.03
08/23/2005	11213.3	319,640	3,786	0.14	386,830		0.009	16.7		0.001	0.654		0.004	4.04
09/02/2005	11452.0	319,642	2	0.00	386,832		0.000	16.7		0.000	0.654		0.000	4.04
09/20/2005	11452.0	319,642	0	0.00	386,832		0.000	16.7		0.000	0.654		0.000	4.04
09/30/2005	11693.8	320,701	1,059	0.07	387,891	<50	0.000	16.7	<0.50	0.000	0.654	52	0.000	4.04
10/14/2005	11810.0	324,654	3,953	0.57	391,844	160	0.005	16.7	1.9	0.000	0.654	150	0.005	4.04
10/28/2005	*12146.0*	338,868	14,214	0.71	406,058		0.019	16.7		0.000	0.654		0.018	4.06
11/11/2005	*12482.0*	345,193	6,325	0.31	412,383	240	0.013	16.7	4.8	0.000	0.655	140	0.007	4.07
11/23/2005	*12482.0*	345,259	66	0.00	412,449		0.000	16.7		0.000	0.655		0.000	4.07
12/05/2005	0.5	348,540	3,281	0.19	415,730	770	0.021	16.7	12	0.000	0.655	1,100	0.030	4.10
12/19/2005	26.1	350,253	1,713	1.12	417,443		0.011	16.7		0.000	0.655		0.016	4.11
12/30/2005	286.3	364,949	14,696	0.94	432,139		0.094	16.8		0.001	0.657		0.135	4.25
01/05/2006	427.8	372,368	7,419	0.87	439,558	5,700	0.353	17.2	140	0.009	0.665	740	0.046	4.29
01/20/2006	791.4	390,500	18,132	0.83	457,690		0.862	18.0		0.021	0.686		0.112	4.41
01/30/2006	912.5	398,790	8,290	1.14	465,980		0.394	18.4		0.010	0.696		0.051	4.46
02/17/2006	956.6	401,816	3,026	1.14	469,006	4,300	0.109	18.5	43	0.001	0.697	330	0.008	4.47
03/03/2006	1049.2	408,675	6,859	1.23	475,865	1,900	0.109	18.6	29	0.002	0.699	320	0.018	4.48
03/17/2006	1384.9	433,900	25,225	1.25	501,090		0.400	19.0		0.006	0.705		0.067	4.55
03/31/2006	1721.2	458,770	24,870	1.23	525,960		0.394	19.4		0.006	0.711		0.066	4.62
04/13/2006	2030.3	481,365	22,595	1.22	548,555	3,900	0.735	20.2	180	0.034	0.745	450	0.085	4.70
04/27/2006	2063.1	483,653	2,288	1.16	550,843		0.074	20.3		0.003	0.748		0.009	4.71
05/11/2006	2397.6	506,301	22,648	1.13	573,491	1,700	0.321	20.6	55	0.010	0.759	140	0.026	4.74
05/22/2006	2661.1	519,010	12,709	0.80	586,200		0.180	20.8		0.006	0.765		0.015	4.75
06/08/2006	2664.4	519,447	437	2.21	586,637	6,500	0.024	20.8	450	0.002	0.766	420	0.002	4.75
06/22/2006	2666.4	519,670	223	0.00	586,860		0.012	20.8		0.001	0.767		0.001	4.76
06/23/2006	2689.2	522,566	2,896	2.12	589,756		0.157	20.9		0.011	0.778		0.010	4.77
06/26/2006	2763.5	533,562	10,996	2.47	600,752		0.596	21.5		0.041	0.819		0.039	4.80

Table 2: Groundwater Extraction - Operation and Mass Removal Data
Shell-branded Service Station, Incident #98995740, 2120 Montana 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)
						TPHg			**Benzene**			**MTBE**		
07/07/2006	**3025.9**	**564,498**	**30,936**	**1.96**	**631,688**	**270**	**0.070**	**21.6**	**5.6**	**0.001**	**0.821**	**82**	**0.021**	**4.83**
07/18/2006	**3289.3**	**586,303**	**21,805**	**1.38**	**653,493**		**0.049**	**21.7**		**0.001**	**0.822**		**0.015**	**4.84**
08/02/2006	**3647.0**	**613,860**	**27,557**	**1.28**	**681,050**	**140**	**0.032**	**21.7**	**7.9**	**0.002**	**0.823**	**31**	**0.007**	**4.85**
08/09/2006	**3745.5**	**620,674**	**6,814**	**1.15**	**687,864**		**0.008**	**21.7**		**0.000**	**0.824**		**0.002**	**4.85**
08/11/2006	**3772.3**	**622,160**	**1,486**	**0.92**	**689,350**		**0.002**	**21.7**		**0.000**	**0.824**		**0.000**	**4.85**
08/16/2006	**3890.2**	**628,629**	**6,469**	**0.91**	**695,819**		**0.008**	**21.7**		**0.000**	**0.824**		**0.002**	**4.85**
09/05/2006	**3963.9**	**636,466**	**7,837**	**1.77**	**703,656**	**160**	**0.010**	**21.7**	**0.53**	**0.000**	**0.824**	**10**	**0.001**	**4.85**
09/19/2006	**4042.2**	**643,630**	**7,164**	**1.52**	**710,820**		**0.010**	**21.7**		**0.000**	**0.824**		**0.001**	**4.85**
			Total Extracted Volume =		**710,820**	**Total Pounds Removed:**		**21.7**	**Total Pounds Removed:**		**0.824**	**Total Pounds Removed:**		**4.85**
			Average Operational Flow Rate =		**0.717**	**Total Gallons Removed:**		**3.57**	**Total Gallons Removed:**		**0.112**	**Total Gallons Removed:**		**0.786**

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tertiary butyl ether
Conc. = Concentration
ppb = Parts per billion, equivalent to mg/L
mg/L = Micrograms per liter
L = Liter
gal = Gallon
gpm = Gallons per minute
g = Gram
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10^6µg) 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
Italicized hour meter reading is calculated value.
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 4, 2006

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

Third Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Monitoring performed on September 5, 2006

Groundwater Monitoring Report **060905-WC-2**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana 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)	SPH Thickness (ft.)
MW-1	03/19/3001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.14	147.45	ND
MW-1	03/23/2001	16,600	753	1,720	407	2,330	NA	27,500	NA	NA	NA	NA	159.59	12.25	147.34	ND
MW-1	05/31/2001	<20,000 d	1,000 d	920 d	490 d	2,000 d	NA	54,000 d	NA	NA	NA	NA	161.13	12.22	148.91	ND
MW-1	06/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.00b	NA	ND
MW-1	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.17	146.67	0.31
MW-1	09/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	14.27	145.66	0.43
MW-1	11/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.49	146.14	0.05
MW-1	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	11.32	148.31	0.05
MW-1	03/01/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.22	146.56	0.24
MW-1	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.99	147.00	0.50
MW-1	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.37	146.22	ND
MW-1	09/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	13.30	146.70	0.54
MW-1	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	13.78	146.61	1.03
MW-1	03/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	11.21	148.38	0.03
MW-1	06/30/2003	7,800	<25	37	<25	380	NA	2,000	NA	NA	NA	NA	159.57	12.20	147.37	ND
MW-1	09/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	15.70	145.28	2.38
MW-1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	11.25	147.89	0.07
MW-1	03/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	11.80	147.40	0.15
MW-1	05/24/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	12.42	146.71	0.06
MW-1	09/17/2004	8,000	530	380	330	960	NA	1,100	<20	<20	<20	4,100	159.08	15.95	143.13	ND
MW-1	12/06/2004	2,800	150	<5.0	120	120	NA	300	NA	NA	NA	NA	159.08	13.15	145.93	ND
MW-1	03/02/2005	13,000	490	710	360	2,200	NA	5,000	NA	NA	NA	NA	159.08	12.14	146.94	ND
MW-1	06/10/2005	5,600	210	120	120	910	NA	3,100	NA	NA	NA	NA	159.08	NA	NA	<0.01
MW-1	09/01/2005	<1,300	73	<13	30	42	NA	2,400	<50	<50	<50	13,000	159.08	11.71	147.37	ND
MW-1	11/16/2005	4,150	62.7	10.9	45.2	98.9	NA	845	NA	NA	NA	NA	159.08	11.71	147.37	ND
MW-1 i	03/03/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	0.790	NA	NA	NA	<10.0	159.08	13.37	145.71	ND
MW-1	05/12/2006	3,430	80.0	0.530	26.8	71.9	NA	154	NA	NA	NA	1,040	159.08	17.41	141.67	ND
MW-1	**09/05/2006**	**5,390**	**24.8**	**2.44**	**6.69**	**22.2**	**NA**	**106**	**<0.500**	**<0.500**	**<0.500**	**4,860**	**159.08**	**12.12**	**146.96**	**ND**
MW-2	03/19/3001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	11.60	146.43	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana 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)	SPH Thickness (ft.)
MW-2	03/23/2001	4,450	280	41.0	62.1	63.0	NA	16,600	NA	NA	NA	NA	158.03	11.76	146.27	ND
MW-2	05/31/2001	<20,000 a	820 a	<200 a	<200 a	<200 a	NA	63,000 a	NA	NA	NA	NA	158.03	11.40	146.63	ND
MW-2	06/27/2001	<50,000	610	4.0	13	9.2	NA	47,000	NA	NA	NA	NA	158.03	12.65	145.38	ND
MW-2	09/25/2001	<2,000	41	<20	<20	<20	NA	6,400	NA	NA	NA	NA	158.03	12.89	145.14	ND
MW-2	12/05/2001	<2,000	74	<20	<20	<20	NA	8,400	NA	NA	NA	NA	158.03	10.40	147.63	ND
MW-2	03/01/2002	<1,000	<10	<10	<10	<10	NA	2,900	NA	NA	NA	NA	158.03	11.52	146.51	ND
MW-2	06/06/2002	<5,000	210	<50	<50	<50	NA	23,000	NA	NA	NA	NA	158.03	12.15	145.88	ND
MW-2	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	12.25	145.78	ND
MW-2	09/06/2002	<2,000	56	<20	<20	<20	NA	11,000	NA	NA	NA	NA	158.01	12.44	145.57	ND
MW-2	12/12/2002	<2,500	80	<25	<25	<25	NA	13,000	NA	NA	NA	NA	158.01	12.53	145.48	ND
MW-2	03/31/2003	<5,000	230	1,200	95	150	NA	13,000	NA	NA	NA	NA	158.01	11.98	146.03	ND
MW-2	06/30/2003	<12,000	780	<120	170	250	NA	9,000	NA	NA	NA	NA	158.01	12.10	145.91	ND
MW-2	09/09/2003	140,000	4,600	40,000	4,800	32,000	NA	11,000	NA	NA	NA	NA	158.01	12.94	145.07	ND
MW-2	12/29/2003	220,000	240	4,800	2,900	19,000	NA	1,000	NA	NA	NA	NA	158.01	11.20	146.81	ND
MW-2	03/17/2004	25,000	170	390	280	1,400	NA	1,500	NA	NA	NA	NA	158.01	11.40	146.61	ND
MW-2	05/24/2004	140,000	<25	220	1,200	6,800	NA	320	NA	NA	NA	NA	158.01	12.28	145.73	ND
MW-2	09/17/2004	64,000	2,900	230	2,300	9,700	NA	6,300	<100	<100	<100	4,100	158.01	12.90	145.11	ND
MW-2	12/06/2004	47,000	1,200	46	1,300	6,000	NA	3,900	NA	NA	NA	NA	158.01	13.02	144.99	ND
MW-2	03/02/2005	85,000	1,600	81	1,900	6,900	NA	2,500	NA	NA	NA	NA	158.01	11.06	146.95	ND
MW-2	06/10/2005	100,000	450	<25	440	800	NA	300	NA	NA	NA	NA	158.01	11.71	146.30	ND
MW-2	09/01/2005	140,000 g	490	<25	550	850	NA	110	<100	<100	<100	1,900	158.01	12.11	145.90	ND
MW-2	11/16/2005	473,000 h	776	18.7	1,300	2,730	NA	374	NA	NA	NA	NA	158.01	12.15	145.86	ND
MW-2 i	03/03/2006	4,830	6.25	2.29	14.6	5.45	NA	106	NA	NA	NA	228	158.01	11.40	146.61	ND
MW-2	05/12/2006	7,610	1,200	27.9	858	396	NA	688	NA	NA	NA	681	158.01	14.22	143.79	ND
MW-2	**09/05/2006**	**84,000**	**683**	**10.2**	**314**	**300**	**NA**	**96.7**	**<0.500**	**<0.500**	**<0.500**	**1,250**	**158.01**	**12.20**	**145.81**	**ND**
MW-3	03/19/3001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.42	149.71	ND
MW-3	03/23/2001	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.26	NA	NA	NA	NA	161.13	11.42	149.71	ND
MW-3	05/31/2001	<50 e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	NA	<5.0 e	NA	NA	NA	NA	159.59	13.00	146.59	ND
MW-3	06/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	161.13	12.32	148.81	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana 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)	SPH Thickness (ft.)
MW-3	09/25/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	161.13	12.50	148.63	ND
MW-3	12/05/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.13	10.13	151.00	ND
MW-3	03/01/2002	<50	<0.50	<0.50	<0.50	0.73	NA	<5.0	NA	NA	NA	NA	161.13	11.63	149.50	ND
MW-3	06/06/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.13	11.55	149.58	ND
MW-3	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.72	149.41	ND
MW-3	09/06/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.11	12.24	148.87	ND
MW-3	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.11	12.18	148.93	ND
MW-3	03/31/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.78	NA	NA	NA	NA	161.11	11.94	149.17	ND
MW-3	06/30/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	161.11	12.50	148.61	ND
MW-3	09/09/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	161.11	12.55	148.56	ND
MW-3	12/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.70	NA	NA	NA	NA	161.11	10.90	150.21	ND
MW-3	03/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.1	NA	NA	NA	NA	161.11	11.63	149.48	ND
MW-3	05/24/2004	<50	<0.50	<0.50	<0.50	1.0	NA	0.96	NA	NA	NA	NA	161.11	11.32	149.79	ND
MW-3	09/17/2004	<50	<0.50	<0.50	<0.50	1.0	NA	2.6	<2.0	<2.0	<2.0	<5.0	161.11	12.13	148.98	ND
MW-3	12/06/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	6.1	NA	NA	NA	NA	161.11	12.28	148.83	ND
MW-3	03/02/2005	<50 f	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	NA	161.11	10.42	150.69	ND
MW-3	06/10/2005	<50 f	<0.50	<0.50	<0.50	<1.0	NA	1.6	NA	NA	NA	NA	161.11	11.15	149.96	ND
MW-3	09/01/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.54	<2.0	<2.0	<2.0	<5.0	161.11	12.55	148.56	ND
MW-3	11/16/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	0.570	NA	NA	NA	NA	161.11	12.04	149.07	ND
MW-3 i	03/03/2006	16,000 j	191	107 j	127	997 j	NA	1090 j	NA	NA	NA	NA	161.11	10.36	150.75	ND
MW-3	05/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.45	NA	NA	NA	NA	161.11	12.24	148.87	ND
MW-3	**09/05/2006**	**<50.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**1.62**	**<0.500**	**<0.500**	**<0.500**	**<10.0**	**161.11**	**12.52**	**148.59**	**ND**
MW-4	07/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	13.19	NA	ND
MW-4	07/16/2002	800	1.1	1.1	2.6	2.4	NA	450	NA	NA	NA	NA	NM	13.56	NA	ND
MW-4	09/06/2002	1,100	3.0	1.8	8.0	4.6	NA	110	NA	NA	NA	NA	160.09	13.67	146.42	ND
MW-4	12/12/2002	130	<0.50	<0.50	<0.50	<0.50	NA	940	NA	NA	NA	NA	160.09	14.06	146.03	ND
MW-4	03/31/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	500	NA	NA	NA	NA	160.09	13.69	146.40	ND
MW-4	06/30/2003	3,100	5.3	<5.0	7.1	<10	NA	420	NA	NA	NA	NA	160.09	14.12	145.97	ND
MW-4	09/09/2003	1,400	2.4	2.0	2.6	3.2	NA	140	NA	NA	NA	NA	160.09	14.92	145.17	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana 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)	SPH Thickness (ft.)
MW-4	12/29/2003	2,700	10	6.2	20	11	NA	420	NA	NA	NA	NA	160.09	12.71	147.38	ND
MW-4	03/17/2004	1,900	6.9	3.0	33	22	NA	290	NA	NA	NA	NA	160.09	13.24	146.85	ND
MW-4	05/24/2004	1,800	<2.5	<2.5	<2.5	11	NA	44	NA	NA	NA	NA	160.09	14.03	146.06	ND
MW-4	09/17/2004	3,300	57	10	47	32	NA	310	<10	<10	<10	700	160.09	13.58	146.51	ND
MW-4	12/06/2004	4,700	9.4	3.8	34	12	NA	150	NA	NA	NA	NA	160.09	14.65	145.44	ND
MW-4	03/02/2005	<1,300	<13	<13	<13	<25	NA	150	NA	NA	NA	NA	160.09	12.67	147.42	ND
MW-4	06/10/2005	2,600	4.1	1.9	25	5.6	NA	61	NA	NA	NA	NA	160.09	13.11	146.98	ND
MW-4	09/01/2005	4,000 g	<13	<13	22	<25	NA	36	<50	<50	<50	<130	160.09	14.00	146.09	ND
MW-4	11/16/2005	4,740	3.23	1.75	12.8	6.06	NA	12.2	NA	NA	NA	NA	160.09	13.87	146.22	ND
MW-4 i	03/03/2006	79,300 j	649 j	37.2	470 j	326	NA	577 j	NA	NA	NA	NA	160.09	12.80	147.29	ND
MW-4	05/12/2006	2,750	8.03	<0.500	<0.500	<0.500	NA	244	NA	NA	NA	NA	160.09	16.26	143.83	ND
MW-4	**09/05/2006**	**2,230**	**2.04**	**1.24**	**<0.500**	**1.50**	**NA**	**95.9**	**<0.500**	**<0.500**	**<0.500**	**239**	**160.09**	**13.92**	**146.17**	**ND**
MW-5	07/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.22	NA	ND
MW-5	07/16/2002	6,100	65	7.2	100	130	NA	410	NA	NA	NA	NA	NM	12.50	NA	ND
MW-5	09/06/2002	5,900	100	8.1	41	32	NA	230	NA	NA	NA	NA	158.25	12.77	145.48	ND
MW-5	12/12/2002	4,900	70	5.7	25	17	NA	280	NA	NA	NA	NA	158.25	12.71	145.54	ND
MW-5	03/31/2003	6,400	61	4.9	23	13	NA	330	NA	NA	NA	NA	158.25	11.93	146.32	ND
MW-5	06/30/2003	3,400	18	<2.5	17	5.5	NA	47	NA	NA	NA	NA	158.25	11.97	146.28	ND
MW-5	09/09/2003	6,800	46	23	39	42	NA	67	NA	NA	NA	NA	158.25	12.44	145.81	ND
MW-5	12/29/2003	8,400	44	6.2	36	16	NA	60	NA	NA	NA	NA	158.25	11.38	146.87	ND
MW-5	03/17/2004	7,100	120	22	42	27	NA	300	NA	NA	NA	NA	158.25	11.68	146.57	ND
MW-5	05/24/2004	6,100	72	17	34	23	NA	110	NA	NA	NA	NA	158.25	12.30	145.95	ND
MW-5	09/17/2004	5,700	27	5.3	35	<10	NA	28	<20	<20	<20	<50	158.25	12.15	146.10	ND
MW-5	12/06/2004	4,500	11	<5.0	22	<10	NA	7.5	NA	NA	NA	NA	158.25	12.85	145.40	ND
MW-5	03/02/2005	6,500	14	<2.5	18	<5.0	NA	6.0	NA	NA	NA	NA	158.25	10.83	147.42	ND
MW-5	06/10/2005	5,300	19	2.4	17	4.3	NA	7.2	NA	NA	NA	NA	158.25	12.00	146.25	ND
MW-5	09/01/2005	1,900 g	5.3	<2.5	6.9	<5.0	NA	<2.5	<10	<10	<10	<25	158.25	12.30	145.95	ND
MW-5	11/16/2005	3,590	4.66	0.580	7.69	1.45	NA	1.13	NA	NA	NA	NA	158.25	12.58	145.67	ND
MW-5	03/03/2006	5,760	7.08	0.960	8.46	2.18	NA	2.65	NA	NA	NA	NA	158.25	11.15	147.10	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana 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)	SPH Thickness (ft.)
MW-5	05/12/2006	1,960	3.66	<0.500	1.03	<0.500	NA	1.45	NA	NA	NA	NA	158.25	12.55	145.70	ND
MW-5	**09/05/2006**	**3,730**	**4.23**	**0.780**	**3.19**	**0.790**	**NA**	**1.77**	**<0.500**	**<0.500**	**<0.500**	**32.9**	**158.25**	**12.70**	**145.55**	**ND**
TBW-N	09/25/2001 c	120,000	3,200	2,800	4,000	18,000	NA	31,000	NA	NA	NA	NA	NM	12.25	NM	ND
TBW-N	11/20/2001	72,000	2,200	3,600	2,600	14,000	NA	35,000	NA	NA	NA	NA	NM	12.13	NM	ND
TBW-N	12/05/2001	76,000	1,600	3,200	2,900	15,000	NA	30,000	NA	NA	NA	NA	NM	11.51	NM	ND
TBW-N	03/01/2002	91,000	1,200	4,200	2,800	14,000	NA	29,000	NA	NA	NA	NA	NM	11.88	NM	ND
TBW-N	06/06/2002	100,000	2,100	8,200	3,400	17,000	NA	18,000	NA	NA	NA	NA	NM	12.48	NM	ND
TBW-N	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.39	NM	ND
TBW-N	09/06/2002	69,000	870	4,800	2,300	11,000	NA	17,000	NA	NA	NA	NA	161.26	12.36	148.90	ND
TBW-N	12/12/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	161.26	NA	NA	NA
TBW-N	12/19/2002	110,000	1,900	13,000	3,100	18,000	NA	19,000	NA	NA	NA	NA	161.26	10.82	150.44	ND
TBW-N	03/31/2003	62,000	1,600	6,500	2,200	11,000	NA	11,000	NA	NA	NA	NA	161.26	10.63	150.63	ND
TBW-N	06/30/2003	260,000	7,700	<120	5,800	40,000	NA	8,400	NA	NA	NA	NA	161.26	11.51	149.75	ND
TBW-N	09/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.92	11.37	148.64	0.11
TBW-N	12/29/2003	130,000	840	8,200	2,400	18,000	NA	5,400	NA	NA	NA	NA	159.92	10.40	149.52	ND
TBW-N	03/17/2004	32,000	440	1,500	580	4,500	NA	3,700	NA	NA	NA	NA	159.92	10.49	149.44	0.01
TBW-N	05/24/2004	110,000	380	2,600	1,600	11,000	NA	3,100	NA	NA	NA	NA	159.92	10.72	149.20	ND
TBW-N	09/17/2004	25,000	120	490	570	3,900	NA	490	<200	<200	<200	4,500	159.92	10.80	149.12	ND
TBW-N	12/06/2004	15,000	33	11	410	1,500	NA	200	NA	NA	NA	NA	159.92	11.00	148.92	ND
TBW-N	03/02/2005	7,900	15	<10	120	610	NA	460	NA	NA	NA	NA	159.92	10.58	149.34	ND
TBW-N	06/10/2005	1,200	<5.0	<5.0	13	25	NA	93	NA	NA	NA	NA	159.92	10.68	149.24	ND
TBW-N	09/01/2005	3,500 g	<10	<10	86	330	NA	47	<40	<40	<40	1,700	159.92	11.05	148.87	ND
TBW-N	11/16/2005	8,830	1.53	1.59	86.6	404	NA	35.0	NA	NA	NA	NA	159.92	10.95	148.97	ND
TBW-N	03/03/2006	955	<0.500	<0.500	1.25	<0.500	NA	70.4	NA	NA	NA	4,930	159.92	10.31	149.61	ND
TBW-N	05/12/2006	706	<0.500	<0.500	5.81	<0.500	NA	14.5	NA	NA	NA	488	159.92	10.73	149.19	ND
TBW-N	**09/05/2006**	**1,230**	**<0.500**	**<0.500**	**6.05**	**2.68**	**NA**	**15.3**	**<0.500**	**<0.500**	**<0.500**	**265**	**159.92**	**11.46**	**148.46**	**ND**
EW-1	05/05/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.42	NA	ND
EW-1	05/12/2006	5,550	52.9	30.2	86.9	249	NA	939	<0.500	<0.500	<0.500	3,900	NA	17.33	NA	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana 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)	SPH Thickness (ft.)
EW-1	**09/05/2006**	**2,700**	**28.3**	**1.64**	**11.8**	**7.98**	**NA**	**325**	**<0.500**	**<0.500**	**<0.500**	**1,900**	**158.63**	**12.44**	**146.19**	**ND**
EW-2	05/05/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.83	NA	ND
EW-2	05/12/2006	11,400	377	135	335	313	NA	401	<0.500	<0.500	<0.500	1,220	NA	15.91	NA	ND
EW-2	**09/05/2006**	**1,810**	**41.1**	**4.52**	**17.2**	**74.0**	**NA**	**87.8**	**<0.500**	**<0.500**	**<0.500**	**606**	**157.51**	**11.21**	**146.30**	**ND**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 31, 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
TBW-N = tank backfill well-North
NA = Not analyzed
ND = Not detected
NM = Not measured
ug/L = parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana 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)	SPH Thickness (ft.)

Notes:

a = Resampled on June 27, 2001 due to possible mislabeling.

b = Separate phase hydrocarbons encountered during purge; groundwater elevation may not be accurate.

c = Sample TBW-N was analyzed once within hold time, but the analyte concentrations all exceeded the instrument working ranges. The sample was diluted and re-analyzed out of hold time. The diluted analysis is reported because it more accurately reflects the concentrations present.

d = These results are listed as MW-3 on analytical report due to possible mislabeling in field or laboratory. Resampled on June 27, 2001, to confirm mislabeling.

e = These results are listed as MW-1 on analytical report due to possible mislabeling in field or laboratory. Resampled on June 27, 2001, to confirm mislabeling.

f= The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

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

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

i = Several of the results were above the instrument calibration range and should be considered estimated values. The results from the different VOA vials were not consistent; therefore the highest results were reported.

j = Concentration exceeds the calibration range and therefore result is semi-quantitative.

Survey data provided by Cambria Environmental Technology, May 2001.

Site surveyed February 12, 2002 and June 26, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-1 and TBW-N surveyed September 23, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

When separate phase hydrocarbons are present, ground water elevation is adjusted using the relation:

Corrected groundwater elevation = Top-of-casing elevation - Depth to water + (0.8 x Hydrocarbon thickness).

Wells EW-1 and EW-2 surveyed July 7, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

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

September 22, 2006

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

Work Order: NPI0880
Project Name: 2120 Montana Street, Oakland, CA
Project Nbr: SAP 135675
P/O Nbr: 98995740
Date Received: 09/08/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPI0880-01	09/05/06 13:20
MW-2	NPI0880-02	09/05/06 12:34
MW-3	NPI0880-03	09/05/06 12:55
MW-4	NPI0880-04	09/05/06 13:45
MW-5	NPI0880-05	09/05/06 12:15
TBW-N	NPI0880-06	09/05/06 11:21
EW-1	NPI0880-07	09/05/06 13:55
EW-2	NPI0880-08	09/05/06 14:20

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

California Certification Number: 01168CA

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

Report Approved By:

Jim Hatfield
Project Management

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:	NPI0880
	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0880-01 (MW-1 - Water) Sampled: 09/05/06 13:20								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Benzene	**24.8**		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Ethylbenzene	**6.69**		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Methyl tert-Butyl Ether	**106**		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Toluene	**2.44**		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Tertiary Butyl Alcohol	**4860**		ug/L	100	10	09/16/06 16:06	SW846 8260B	6093102
Xylenes, total	**22.2**		ug/L	0.500	1	09/15/06 19:08	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*114 %*					*09/15/06 19:08*	*SW846 8260B*	*6093005*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*					*09/16/06 16:06*	*SW846 8260B*	*6093102*
Surr: Dibromofluoromethane (79-122%)	*107 %*					*09/15/06 19:08*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*109 %*					*09/16/06 16:06*	*SW846 8260B*	*6093102*
Surr: Toluene-d8 (78-121%)	*106 %*					*09/15/06 19:08*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*104 %*					*09/16/06 16:06*	*SW846 8260B*	*6093102*
Surr: 4-Bromofluorobenzene (78-126%)	*107 %*					*09/15/06 19:08*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*09/16/06 16:06*	*SW846 8260B*	*6093102*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**5390**		ug/L	50.0	1	09/15/06 19:08	CA LUFT GC/MS	6093005
Sample ID: NPI0880-02 (MW-2 - Water) Sampled: 09/05/06 12:34								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 19:33	SW846 8260B	6093005
Benzene	**683**		ug/L	5.00	10	09/16/06 16:30	SW846 8260B	6093102
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 19:33	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 19:33	SW846 8260B	6093005
Ethylbenzene	**314**		ug/L	5.00	10	09/16/06 16:30	SW846 8260B	6093102
Methyl tert-Butyl Ether	**96.7**		ug/L	0.500	1	09/15/06 19:33	SW846 8260B	6093005
Toluene	**10.2**		ug/L	0.500	1	09/15/06 19:33	SW846 8260B	6093005
Tertiary Butyl Alcohol	**1250**		ug/L	10.0	1	09/15/06 19:33	SW846 8260B	6093005
Xylenes, total	**300**		ug/L	0.500	1	09/15/06 19:33	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*09/15/06 19:33*	*SW846 8260B*	*6093005*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*112 %*					*09/16/06 16:30*	*SW846 8260B*	*6093102*
Surr: Dibromofluoromethane (79-122%)	*93 %*					*09/15/06 19:33*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*09/16/06 16:30*	*SW846 8260B*	*6093102*
Surr: Toluene-d8 (78-121%)	*106 %*					*09/15/06 19:33*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*103 %*					*09/16/06 16:30*	*SW846 8260B*	*6093102*
Surr: 4-Bromofluorobenzene (78-126%)	*115 %*					*09/15/06 19:33*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*09/16/06 16:30*	*SW846 8260B*	*6093102*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**84000**		ug/L	500	10	09/16/06 16:30	CA LUFT GC/MS	6093102

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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:	NPI0880
	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0880-03 (MW-3 - Water) Sampled: 09/05/06 12:55								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Benzene	ND		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Diisopropyl Ether	ND		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Ethylbenzene	ND		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Methyl tert-Butyl Ether	**1.62**		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Toluene	ND		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	09/16/06 12:52	SW846 8260B	6093102
Xylenes, total	ND		ug/L	0.500	1	09/16/06 12:52	SW846 8260B	6093102
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*09/16/06 12:52*	*SW846 8260B*	*6093102*
Surr: Dibromofluoromethane (79-122%)	*107 %*					*09/16/06 12:52*	*SW846 8260B*	*6093102*
Surr: Toluene-d8 (78-121%)	*107 %*					*09/16/06 12:52*	*SW846 8260B*	*6093102*
Surr: 4-Bromofluorobenzene (78-126%)	*110 %*					*09/16/06 12:52*	*SW846 8260B*	*6093102*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	09/16/06 12:52	CA LUFT GC/MS	6093102
Sample ID: NPI0880-04 (MW-4 - Water) Sampled: 09/05/06 13:45								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Benzene	**2.04**		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Ethylbenzene	ND		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Methyl tert-Butyl Ether	**95.9**		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Toluene	**1.24**		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Tertiary Butyl Alcohol	**239**		ug/L	10.0	1	09/15/06 20:21	SW846 8260B	6093005
Xylenes, total	**1.50**		ug/L	0.500	1	09/15/06 20:21	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*09/15/06 20:21*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*09/15/06 20:21*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*105 %*					*09/15/06 20:21*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*113 %*					*09/15/06 20:21*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**2230**		ug/L	50.0	1	09/15/06 20:21	CA LUFT GC/MS	6093005
Sample ID: NPI0880-05 (MW-5 - Water) Sampled: 09/05/06 12:15								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005
Benzene	**4.23**		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005
Ethylbenzene	**3.19**		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005
Methyl tert-Butyl Ether	**1.77**		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005
Toluene	**0.780**		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005

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	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0880-05 (MW-5 - Water) - cont. Sampled: 09/05/06 12:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tertiary Butyl Alcohol	**32.9**		ug/L	10.0	1	09/15/06 20:45	SW846 8260B	6093005
Xylenes, total	**0.790**		ug/L	0.500	1	09/15/06 20:45	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*106 %*					*09/15/06 20:45*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*09/15/06 20:45*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*105 %*					*09/15/06 20:45*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*09/15/06 20:45*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**3730**		ug/L	50.0	1	09/15/06 20:45	CA LUFT GC/MS	6093005
Sample ID: NPI0880-06 (TBW-N - Water) Sampled: 09/05/06 11:21								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Benzene	ND		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Ethylbenzene	**6.05**		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Methyl tert-Butyl Ether	**15.3**		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Toluene	ND		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Tertiary Butyl Alcohol	**265**		ug/L	10.0	1	09/15/06 21:10	SW846 8260B	6093005
Xylenes, total	**2.68**		ug/L	0.500	1	09/15/06 21:10	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*09/15/06 21:10*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*09/15/06 21:10*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*99 %*					*09/15/06 21:10*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*09/15/06 21:10*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**1230**		ug/L	50.0	1	09/15/06 21:10	CA LUFT GC/MS	6093005
Sample ID: NPI0880-07 (EW-1 - Water) Sampled: 09/05/06 13:55								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 21:34	SW846 8260B	6093005
Benzene	**28.3**		ug/L	0.500	1	09/15/06 21:34	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 21:34	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 21:34	SW846 8260B	6093005
Ethylbenzene	**11.8**		ug/L	0.500	1	09/15/06 21:34	SW846 8260B	6093005
Methyl tert-Butyl Ether	**325**		ug/L	5.00	10	09/16/06 16:55	SW846 8260B	6093102
Toluene	**1.64**		ug/L	0.500	1	09/15/06 21:34	SW846 8260B	6093005
Tertiary Butyl Alcohol	**1900**		ug/L	100	10	09/16/06 16:55	SW846 8260B	6093102
Xylenes, total	**7.98**		ug/L	0.500	1	09/15/06 21:34	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*09/15/06 21:34*	*SW846 8260B*	*6093005*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*09/16/06 16:55*	*SW846 8260B*	*6093102*
Surr: Dibromofluoromethane (79-122%)	*101 %*					*09/15/06 21:34*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*09/16/06 16:55*	*SW846 8260B*	*6093102*
Surr: Toluene-d8 (78-121%)	*102 %*					*09/15/06 21:34*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*101 %*					*09/16/06 16:55*	*SW846 8260B*	*6093102*

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	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI0880-07 (EW-1 - Water) - cont. Sampled: 09/05/06 13:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	*110 %*					*09/15/06 21:34*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*09/16/06 16:55*	*SW846 8260B*	*6093102*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**2700**		ug/L	50.0	1	09/15/06 21:34	CA LUFT GC/MS	6093005
Sample ID: NPI0880-08 (EW-2 - Water) Sampled: 09/05/06 14:20								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Benzene	**41.1**		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Diisopropyl Ether	ND		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Ethylbenzene	**17.2**		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Methyl tert-Butyl Ether	**87.8**		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Toluene	**4.52**		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Tertiary Butyl Alcohol	**606**		ug/L	10.0	1	09/15/06 21:58	SW846 8260B	6093005
Xylenes, total	**74.0**		ug/L	0.500	1	09/15/06 21:58	SW846 8260B	6093005
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*09/15/06 21:58*	*SW846 8260B*	*6093005*
Surr: Dibromofluoromethane (79-122%)	*102 %*					*09/15/06 21:58*	*SW846 8260B*	*6093005*
Surr: Toluene-d8 (78-121%)	*103 %*					*09/15/06 21:58*	*SW846 8260B*	*6093005*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*09/15/06 21:58*	*SW846 8260B*	*6093005*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**1810**		ug/L	50.0	1	09/15/06 21:58	CA LUFT GC/MS	6093005

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Attn	Ana Friel	Received:	09/08/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6093005-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Benzene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Ethyl tert-Butyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Diisopropyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Ethylbenzene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Methyl tert-Butyl Ether	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Toluene	<0.200		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Tertiary Butyl Alcohol	<5.06		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Xylenes, total	<0.350		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 1,2-Dichloroethane-d4	109%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 1,2-Dichloroethane-d4	109%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Dibromofluoromethane	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Dibromofluoromethane	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Toluene-d8	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Toluene-d8	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 4-Bromofluorobenzene	107%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 4-Bromofluorobenzene	107%			6093005	6093005-BLK1	09/15/06 14:00
6093102-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Benzene	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Ethyl tert-Butyl Ether	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Diisopropyl Ether	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Ethylbenzene	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Methyl tert-Butyl Ether	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Toluene	<0.200		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Tertiary Butyl Alcohol	<5.06		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Xylenes, total	<0.350		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 1,2-Dichloroethane-d4	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 1,2-Dichloroethane-d4	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Dibromofluoromethane	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Dibromofluoromethane	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Toluene-d8	105%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Toluene-d8	105%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 4-Bromofluorobenzene	109%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 4-Bromofluorobenzene	109%			6093102	6093102-BLK1	09/16/06 12:27
Purgeable Petroleum Hydrocarbons						
6093005-BLK1						
Gasoline Range Organics	<50.0		ug/L	6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 1,2-Dichloroethane-d4	109%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: Dibromofluoromethane	106%			6093005	6093005-BLK1	09/15/06 14:00

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Attn	Ana Friel	Received:	09/08/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6093005-BLK1						
Surrogate: Toluene-d8	106%			6093005	6093005-BLK1	09/15/06 14:00
Surrogate: 4-Bromofluorobenzene	107%			6093005	6093005-BLK1	09/15/06 14:00
6093102-BLK1						
Gasoline Range Organics	<50.0		ug/L	6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 1,2-Dichloroethane-d4	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Dibromofluoromethane	106%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: Toluene-d8	105%			6093102	6093102-BLK1	09/16/06 12:27
Surrogate: 4-Bromofluorobenzene	109%			6093102	6093102-BLK1	09/16/06 12:27

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	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6093005-BS1								
Tert-Amyl Methyl Ether	50.0	50.0		ug/L	100%	56 - 145	6093005	09/15/06 12:23
Benzene	50.0	49.6		ug/L	99%	79 - 123	6093005	09/15/06 12:23
Ethyl tert-Butyl Ether	50.0	53.8		ug/L	108%	64 - 141	6093005	09/15/06 12:23
Diisopropyl Ether	50.0	48.7		ug/L	97%	73 - 135	6093005	09/15/06 12:23
Ethylbenzene	50.0	50.4		ug/L	101%	79 - 125	6093005	09/15/06 12:23
Methyl tert-Butyl Ether	50.0	47.8		ug/L	96%	66 - 142	6093005	09/15/06 12:23
Toluene	50.0	49.8		ug/L	100%	78 - 122	6093005	09/15/06 12:23
Tertiary Butyl Alcohol	500	425		ug/L	85%	42 - 154	6093005	09/15/06 12:23
Xylenes, total	150	158		ug/L	105%	79 - 130	6093005	09/15/06 12:23
Surrogate: 1,2-Dichloroethane-d4	50.0	54.5			109%	70 - 130	6093005	09/15/06 12:23
Surrogate: 1,2-Dichloroethane-d4	50.0	54.5			109%	70 - 130	6093005	09/15/06 12:23
Surrogate: Dibromofluoromethane	50.0	53.8			108%	79 - 122	6093005	09/15/06 12:23
Surrogate: Dibromofluoromethane	50.0	53.8			108%	79 - 122	6093005	09/15/06 12:23
Surrogate: Toluene-d8	50.0	52.7			105%	78 - 121	6093005	09/15/06 12:23
Surrogate: Toluene-d8	50.0	52.7			105%	78 - 121	6093005	09/15/06 12:23
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	78 - 126	6093005	09/15/06 12:23
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	78 - 126	6093005	09/15/06 12:23
6093102-BS1								
Tert-Amyl Methyl Ether	50.0	49.6		ug/L	99%	56 - 145	6093102	09/16/06 11:14
Benzene	50.0	47.6		ug/L	95%	79 - 123	6093102	09/16/06 11:14
Ethyl tert-Butyl Ether	50.0	52.2		ug/L	104%	64 - 141	6093102	09/16/06 11:14
Diisopropyl Ether	50.0	47.9		ug/L	96%	73 - 135	6093102	09/16/06 11:14
Ethylbenzene	50.0	50.2		ug/L	100%	79 - 125	6093102	09/16/06 11:14
Methyl tert-Butyl Ether	50.0	48.5		ug/L	97%	66 - 142	6093102	09/16/06 11:14
Toluene	50.0	46.7		ug/L	93%	78 - 122	6093102	09/16/06 11:14
Tertiary Butyl Alcohol	500	454		ug/L	91%	42 - 154	6093102	09/16/06 11:14
Xylenes, total	150	153		ug/L	102%	79 - 130	6093102	09/16/06 11:14
Surrogate: 1,2-Dichloroethane-d4	50.0	51.5			103%	70 - 130	6093102	09/16/06 11:14
Surrogate: 1,2-Dichloroethane-d4	50.0	51.5			103%	70 - 130	6093102	09/16/06 11:14
Surrogate: Dibromofluoromethane	50.0	52.0			104%	79 - 122	6093102	09/16/06 11:14
Surrogate: Dibromofluoromethane	50.0	52.0			104%	79 - 122	6093102	09/16/06 11:14
Surrogate: Toluene-d8	50.0	49.7			99%	78 - 121	6093102	09/16/06 11:14
Surrogate: Toluene-d8	50.0	49.7			99%	78 - 121	6093102	09/16/06 11:14
Surrogate: 4-Bromofluorobenzene	50.0	53.8			108%	78 - 126	6093102	09/16/06 11:14
Surrogate: 4-Bromofluorobenzene	50.0	53.8			108%	78 - 126	6093102	09/16/06 11:14
Purgeable Petroleum Hydrocarbons								
6093005-BS1								
Gasoline Range Organics	3050	3570		ug/L	117%	67 - 130	6093005	09/15/06 12:23
Surrogate: 1,2-Dichloroethane-d4	50.0	54.5			109%	70 - 130	6093005	09/15/06 12:23
Surrogate: Dibromofluoromethane	50.0	53.8			108%	70 - 130	6093005	09/15/06 12:23

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:	NPI0880
	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6093005-BS1								
Surrogate: Toluene-d8	50.0	52.7			105%	70 - 130	6093005	09/15/06 12:23
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	70 - 130	6093005	09/15/06 12:23
6093102-BS1								
Gasoline Range Organics	3050	3070		ug/L	101%	67 - 130	6093102	09/16/06 11:14
Surrogate: 1,2-Dichloroethane-d4	50.0	51.5			103%	70 - 130	6093102	09/16/06 11:14
Surrogate: Dibromofluoromethane	50.0	52.0			104%	70 - 130	6093102	09/16/06 11:14
Surrogate: Toluene-d8	50.0	49.7			99%	70 - 130	6093102	09/16/06 11:14
Surrogate: 4-Bromofluorobenzene	50.0	53.8			108%	70 - 130	6093102	09/16/06 11:14

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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI0880
	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6093005-MS1										
Tert-Amyl Methyl Ether	ND	52.6		ug/L	50.0	105%	45 - 155	6093005	NPI0868-01	09/15/06 22:23
Benzene	ND	50.1		ug/L	50.0	100%	71 - 137	6093005	NPI0868-01	09/15/06 22:23
Ethyl tert-Butyl Ether	ND	53.6		ug/L	50.0	107%	57 - 148	6093005	NPI0868-01	09/15/06 22:23
Diisopropyl Ether	ND	50.4		ug/L	50.0	101%	67 - 143	6093005	NPI0868-01	09/15/06 22:23
Ethylbenzene	ND	53.1		ug/L	50.0	106%	72 - 139	6093005	NPI0868-01	09/15/06 22:23
Methyl tert-Butyl Ether	ND	49.2		ug/L	50.0	98%	55 - 152	6093005	NPI0868-01	09/15/06 22:23
Toluene	ND	50.2		ug/L	50.0	100%	73 - 133	6093005	NPI0868-01	09/15/06 22:23
Tertiary Butyl Alcohol	ND	651		ug/L	500	130%	19 - 183	6093005	NPI0868-01	09/15/06 22:23
Xylenes, total	ND	161		ug/L	150	107%	70 - 143	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	70 - 130	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	79 - 122	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	79 - 122	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Toluene-d8		51.3		ug/L	50.0	103%	78 - 121	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Toluene-d8		51.3		ug/L	50.0	103%	78 - 121	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	78 - 126	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	78 - 126	6093005	NPI0868-01	09/15/06 22:23
Purgeable Petroleum Hydrocarbons										
6093005-MS1										
Gasoline Range Organics	57.4	2740		ug/L	3050	88%	60 - 140	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 1,2-Dichloroethane-d4		52.9		ug/L	50.0	106%	0 - 200	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Dibromofluoromethane		53.2		ug/L	50.0	106%	0 - 200	6093005	NPI0868-01	09/15/06 22:23
Surrogate: Toluene-d8		51.3		ug/L	50.0	103%	0 - 200	6093005	NPI0868-01	09/15/06 22:23
Surrogate: 4-Bromofluorobenzene		53.3		ug/L	50.0	107%	0 - 200	6093005	NPI0868-01	09/15/06 22:23

TestAmerica
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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:	NPI0880
	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6093005-MSD1												
Tert-Amyl Methyl Ether	ND	53.2		ug/L	50.0	106%	45 - 155	1	24	6093005	NPI0868-01	09/15/06 22:47
Benzene	ND	50.5		ug/L	50.0	101%	71 - 137	0.8	23	6093005	NPI0868-01	09/15/06 22:47
Ethyl tert-Butyl Ether	ND	55.6		ug/L	50.0	111%	57 - 148	4	22	6093005	NPI0868-01	09/15/06 22:47
Diisopropyl Ether	ND	51.3		ug/L	50.0	103%	67 - 143	2	22	6093005	NPI0868-01	09/15/06 22:47
Ethylbenzene	ND	51.7		ug/L	50.0	103%	72 - 139	3	23	6093005	NPI0868-01	09/15/06 22:47
Methyl tert-Butyl Ether	ND	51.0		ug/L	50.0	102%	55 - 152	4	27	6093005	NPI0868-01	09/15/06 22:47
Toluene	ND	51.1		ug/L	50.0	102%	73 - 133	2	25	6093005	NPI0868-01	09/15/06 22:47
Tertiary Butyl Alcohol	ND	686		ug/L	500	137%	19 - 183	5	39	6093005	NPI0868-01	09/15/06 22:47
Xylenes, total	ND	163		ug/L	150	109%	70 - 143	1	27	6093005	NPI0868-01	09/15/06 22:47
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	70 - 130			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	70 - 130			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Dibromofluoromethane		52.7		ug/L	50.0	105%	79 - 122			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Dibromofluoromethane		52.7		ug/L	50.0	105%	79 - 122			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Toluene-d8		52.3		ug/L	50.0	105%	78 - 121			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Toluene-d8		52.3		ug/L	50.0	105%	78 - 121			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 4-Bromofluorobenzene		54.5		ug/L	50.0	109%	78 - 126			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 4-Bromofluorobenzene		54.5		ug/L	50.0	109%	78 - 126			6093005	NPI0868-01	09/15/06 22:47
Purgeable Petroleum Hydrocarbons												
6093005-MSD1												
Gasoline Range Organics	57.4	2740		ug/L	3050	88%	60 - 140	0	40	6093005	NPI0868-01	09/15/06 22:47
Surrogate: 1,2-Dichloroethane-d4		53.4		ug/L	50.0	107%	0 - 200			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Dibromofluoromethane		52.7		ug/L	50.0	105%	0 - 200			6093005	NPI0868-01	09/15/06 22:47
Surrogate: Toluene-d8		52.3		ug/L	50.0	105%	0 - 200			6093005	NPI0868-01	09/15/06 22:47
Surrogate: 4-Bromofluorobenzene		54.5		ug/L	50.0	109%	0 - 200			6093005	NPI0868-01	09/15/06 22:47

TestAmerica
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Client	Cambria Env. Tech. (Sonoma) / SHELL (13674)	Work Order:	NPI0880
	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

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

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:	NPI0880
	270 Perkins Street	Project Name:	2120 Montana Street, Oakland, CA
	Sonoma, CA 95476	Project Number:	SAP 135675
Attn	Ana Friel	Received:	09/08/06 08:00

NELAC CERTIFICATION SUMMARY

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

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

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC# NPI0880

Cooler Received/Opened On: 9/8/06@8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 2863

Fed-EX

Temperature of representative sample or temperature blank when opened: 2.5 **Degrees Celsius**
(indicate IR Gun ID#)

A00750

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

a. If yes, how many and where: 2 Fay

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)..... ~

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... (YES)...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...(NO)...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA

17. Were correct containers used for the analysis requested?..... (YES)...NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

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

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

BIS = Broken in shipment
Cooler Receipt Form

SHELL Chain Of Custody Record

LAB: TA
- ☐ 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 4 0

PO #:

SAP or CRMT #:

DATE: 9-5-06

PAGE: 1 of 1

SAMPLING COMPANY:	Blaine Tech Services
LOG CODE:	BTSS
ADDRESS:	1680 Rogers Avenue, San Jose, CA 95112
PROJECT CONTACT (Hardcopy or PDF Report to):	Michael Ninokata
TELEPHONE:	408-573-0555
FAX:	408-573-7771
E-MAIL:	mninokata@blainetech.com
SITE ADDRESS: Street and City	2120 Montana St., Oakland
State	CA
GLOBAL ID NO.:	T0600101805
EDF DELIVERABLE TO (Name, Company, Office Location):	Ana Friel, Cambria, Eureka Office
PHONE NO.:	(707) 268-3812
E-MAIL:	sonomaedf@cambria-env.com
CONSULTANT PROJECT NO.:	BTS # 060905-WC-2
SAMPLER NAME(S) (Print):	Dan Lompf / Will Crow
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

NPI0880
09/22/06 23:59

REQUESTED ANALYSIS

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

TEMPERATURE ON RECEIPT C°: 3.0

LAB USE ONLY	Field Sample Identification	DATE	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)		Total Oil and Grease (1664A)		Field Notes
	MW-1	9-5-06	1320	H2O	3	X		X	X	NPI 0880-1																
	MW-2	↓	1234	↓	↓	X		X	X						2											
	MW-3		1255			X		X	X						3											
	MW-4		1345			X		X	X						4											
	MW-5		1215			X		X	X						5											
	TBW-N		1121			X		X	X						6											
	EW-1		1355			X		X	X						7											
	EW-2	↓	1420	↓	↓	X		X	X						8											

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	9/5/06	1843
[signature]	[signature]	9/6/06	1600
[signature]	[signature] (M.H)	9/6/06	1700

Release by/ [signature] (M.H) 9-7-06 1600 / [signature] 9-8-06 8:00 2.5°C

05/02/06 Revision

Q&Q Graphic (714) 898-9702

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Blaine Tech/Shell 98995740
REC. BY (PRINT) Felix
WORKORDER:

DATE REC'D AT LAB: 9.6.06
TIME REC'D AT LAB: 1700
DATE LOGGED IN:

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*									All VOCs/HCL each samples 3 voas
2. Chain-of-Custody (Present) / Absent*									
3. Traffic Reports or Packing List: Present / (Absent)									
4. Airbill: Airbill / Sticker (Present) / Absent									
5. Airbill #: Lab Courier									
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: 3.0C Corrected Temp: 3.0C Is corrected temp 4+/-2°C? (Yes) / No** (Acceptance range for samples requiring thermal pres.)									
Exception (if any): METALS / DFF ONICE, or Problem COC									

9-7-06 9-8-06

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

SRL Revision 7
Replaces Rev 5 (07/13/04)
Effective 07/19/05

9-8-06

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 9-05-06

Site Address 2120 Montana St, Oakland

Job Number 060905-WC-2 Technician Will

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	4" cap required for TOC (2" well)					X	X			
MW-2	~~X~~ 2/2 TABS STRIPPED									
MW-3	X									
MW-4	X									
MW-5	X									
TBW-N	X									
EW-1	X									
EW-2	X									

NOTES:

WELL GAUGING DATA

Project # 060905-WC-2 Date 9-05-06 Client Shell

Site 2120 Montana St, 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	0957	2	no sph detected				12.12	27.45		sph 5
MW-2	1221	2					12.20	19.87		TRAFFIC 7
MW-3	0951	2					12.52	19.97		1
MW-4	1011	4					13.92	19.88	purge 1st slow recharge	4
MW-5	1159	2					12.70	19.71		TRAFFIC 3
TBW-N	1004	4					11.46	13.12		2
EW-1	1015	4	ext system	in well	off		w/ pump 12.44	~~15.59~~ 25.68		ext. 6
EW-2	1024	4	"turned on" by	cambria-tech			11.21	—	↓	ext. 8
	⊗ gauged dtw w/ interface probe									
EW-1	1331	4	no	sph detected			~~13.50~~ 14.50	25.68	TOC	w/out ⊗

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-WC-2	Site: Shell oakland, Montana St.
Sampler: Will / Dan	Date: 9-5-06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 27.45	Depth to Water (DTW): 12.12
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]: 15.19	

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:

2.4 (Gals.) X 3 = 7.2 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
1310	69.6	6.8	1077	47	2.4	odor
1313	67.5	6.8	1118	31	4.8	↓
1316	67.3	6.9	1028	35	7.2	↓

Did well dewater? Yes (No) Gallons actually evacuated: 7.2

Sampling Date: 9-05-06 Sampling Time: 1320 Depth to Water: 14.32

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D ~~Other:~~ OXYS

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-WC-2	Site: Shell, Oakland - Montana St.
Sampler: Will / Dan	Date: 9-5-06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.87	Depth to Water (DTW): 12.20
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]: 13.7	

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:

1.2 (Gals.) X	3	= 3.6 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 ~~uS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1224	67.4	6.9	1018	87	1.2	Strong odor, sheen
1227	67.2	6.8	1012	83	2.4	Strong odor, sheen
1230	66.5	6.8	1020	64	3.6	strong odor

Did well dewater? Yes (No)		Gallons actually evacuated: 3.6	
Sampling Date: 9-5-06	Sampling Time: 1234	Depth to Water: 13.50	
Sample I.D.: MW-2		Laboratory: STL ~~Other~~ TA	
Analyzed for: (TPH-G) ~~BTEX~~ MTBE TPH-D ~~Other:~~		OXY's	
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-WC-2	Site: Shell, Oakland, Montana St.
Sampler: Will/Dan	Date: 9-5-06
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.97	Depth to Water (DTW): 12.52
Depth to Free Product:	Thickness of Free Product (feet): 14.01
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.50	

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: _____

1-2 (Gals.) X	3	= 3.6 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
1245	70.4	7.0	785	157	1.2	odor
1248	71.5	6.7	640	201	2.4	cloudy, odor
1251	72.5	6.6	638	165	3.6	cloudy, odor

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Date: 9-5-06 Sampling Time: 1255 Depth to Water: 14.42

Sample I.D.: MW-3 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Other:) OXY's

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-WC-2	Site: Shell, Oakland
Sampler: Will/Dan	Date: 9-5-06
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.88	Depth to Water (DTW): 13.92
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]: 15.11	

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: ___

3.9 (Gals.) X 3 = 11.7 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1045	68.4	6.9	690	14	3.9	
well De-watered @ 4 gallons						
1343	68.8	7.1	655	13	—	

Did well dewater? (Yes) No Gallons actually evacuated: 4

Sampling Date: 9/05/06 Sampling Time: 1345 Depth to Water: 14.68

Sample I.D.: MW-4 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Other: OXY's)

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-WC-2	Site: Shell Oakland, Montana St.
Sampler: Will / Day	Date: 9-5-06
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.71	Depth to Water (DTW): 12.70
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]: 14.10	

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: ____

traffic

1.1 (Gals.) X 3 = 3.3 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
1204	66.1	7.3	573	>1000	1.1	grey / slight odor
1207	66.0	7.1	567	>1000	2.2	↓
1210	66.9	6.9	563	>1000	3.3	↓

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 9/05/06 Sampling Time: 1215 Depth to Water: 12.71

Sample I.D.: MW-5 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-WC-2	Site: Shell, Oakland
Sampler: Will/Dan	Date: 9-5-06
Well I.D.: T3W-N	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 13.12	Depth to Water (DTW): 11.46
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]: 11.79	

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:

1.1 (Gals.) X	3 =	3.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1104	70.8	6.8	1140	71000	1.1	dark/blackish
1107	71.4	6.8	1156	>1000	2.2	
1110	71.8	6.8	1157	>1000	3.3	

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 9/05/06 Sampling Time: 1121 Depth to Water: 11.71

Sample I.D.: T3W-N Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXYS

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060905-WC-2	Site: Shell, Oakland, Montana St.
Sampler: Will/Dan	Date: 9-5-06
Well I.D.: EW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 25.68	Depth to Water (DTW): 12.44 → 14.50 w/o pump
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]: 16.7	

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: _____

7.3 (Gals.) X 3 = 21.9 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
1336	73.9	7	986	761	7.3	odor
1338	71.1	7	981	71,000	14.6	odor
1340	69.3	6.9	932	299	21.9	odor - clearer water

Did well dewater? Yes (No) Gallons actually evacuated: 21.9

Sampling Date: 9-5-06 Sampling Time: 1355 Depth to Water: 16.05

Sample I.D.: EW-1 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Other): OXY's

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

Analyzed for: ~~TPH-G~~ ~~BTEX~~ MTBE TPH-D ~~Other:~~ ~~OXY's~~ JK

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 #: 060905-WC-2	Site: Shell, Oakland - Montana St.
Sampler: Will/Dan	Date: 9-5-06
Well I.D.: EW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 11.21
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]: —	

Purge Method: ~~Bailer~~ WC
Disposable Bailer
Positive Air Displacement
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other ___

Sampling Method: ~~Bailer~~ DX
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: ___

ext. sys
___ (Gals.) X ___ = ___ 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
1418	70.1	7.0	784	14	—	clear
→ Well was not running upon arrival, turned on by Cambria technician @ ~ 1230 → let run for 2 hours						

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

Sampling Date: 9-5-06 Sampling Time: 1420 Depth to Water: —

Sample I.D.: EW-2 Laboratory: STL (Other) TA

Analyzed for: ~~TPH-G~~ ~~BTEX~~ MTBE ~~TPH-D~~ ~~Other~~: OXYS

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

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

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

Attachment B

Monitoring Well Survey Data

ANALYTICAL REPORT

Job Number: 720-4469-1

Job Description: 2120 Montana 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
07/14/2006
Revision: 1

cc: Cynthia Vasko

Project Manager: Melissa Brewer

Client: Cambria Environmental Tech
Date: 07/14/2006

Volatiles MS

Other Deficiency

The reported gasoline concentrations in the MID-2 and EFF samples are due to a non-target analyte.

Affected Items

720-4469-A-4

Batch: 720-10886
Method: 720-8260B

EXECUTIVE SUMMARY - Detections

Client: Cambria Environmental Tech Job Number: 720-4469-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-4469-1	**INF**				
Benzene		5.6	0.50	ug/L	8260B
Ethylbenzene		4.7	0.50	ug/L	8260B
MTBE		82	0.50	ug/L	8260B
Toluene		0.79	0.50	ug/L	8260B
Xylenes, Total		8.5	1.0	ug/L	8260B
Gasoline Range Organics (GRO)-C6-C12		270	50	ug/L	8260B
720-4469-2	**MID 1**				
MTBE		8.9	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C6-C12		58	50	ug/L	8260B
720-4469-3	**MID 2**				
Gasoline Range Organics (GRO)-C6-C12		100	50	ug/L	8260B
720-4469-4	**EFF**				
Gasoline Range Organics (GRO)-C6-C12		75	50	ug/L	8260B

METHOD SUMMARY

Client: Cambria Environmental Tech Job Number: 720-4469-1

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: 720-4469-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-4469-1	INF	Water	07/07/2006 1135	07/07/2006 1237
720-4469-2	MID 1	Water	07/07/2006 1130	07/07/2006 1237
720-4469-3	MID 2	Water	07/07/2006 1125	07/07/2006 1237
720-4469-4	EFF	Water	07/07/2006 1120	07/07/2006 1237

Client: Cambria Environmental Tech | Job Number: 720-4469-1

Client Sample ID: **INF**

Lab Sample ID: 720-4469-1
Client Matrix: Water

Date Sampled: 07/07/2006 1135
Date Received: 07/07/2006 1237

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 07/12/2006 1712
Date Prepared: 07/12/2006 1712

Analysis Batch: 720-10899

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	5.6		0.50
Ethylbenzene	4.7		0.50
MTBE	82		0.50
Toluene	0.79		0.50
Xylenes, Total	8.5		1.0
Gasoline Range Organics (GRO)-C6-C12	270		50

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

Client: Cambria Environmental Tech | Job Number: 720-4469-1

Client Sample ID: **MID 1**

Lab Sample ID: 720-4469-2
Client Matrix: Water

Date Sampled: 07/07/2006 1130
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 1509
Date Prepared: 07/11/2006 1509

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	ND		0.50
Ethylbenzene	ND		0.50
MTBE	8.9		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	58		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	102	77 - 121
1,2-Dichloroethane-d4	106	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4469-1

Client Sample ID: **MID 2**

Lab Sample ID: 720-4469-3 | Date Sampled: 07/07/2006 1125
Client Matrix: Water | Date Received: 07/07/2006 1237

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-10886 | Instrument ID: Varian 3900C
Preparation: 5030B | Lab File ID: c:\saturnws\data\200607\07
Dilution: 1.0 | Initial Weight/Volume: 40 mL
Date Analyzed: 07/11/2006 1602 | Final Weight/Volume: 40 mL
Date Prepared: 07/11/2006 1602

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8	103	77 - 121
1,2-Dichloroethane-d4	109	73 - 130

Method: 8260B | Analysis Batch: 720-10936 | Instrument ID: Saturn 2100
Preparation: 5030B | Lab File ID: c:\saturnws\data\200607\07
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 07/13/2006 1525 | Final Weight/Volume: 10 mL
Date Prepared: 07/13/2006 1525

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C12	100		50

Client: Cambria Environmental Tech | Job Number: 720-4469-1

Client Sample ID: **EFF**

Lab Sample ID: 720-4469-4
Client Matrix: Water

Date Sampled: 07/07/2006 1120
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 1629
Date Prepared: 07/11/2006 1629

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	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	75		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	107	77 - 121
1,2-Dichloroethane-d4	108	73 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Cambria Environmental Tech

Job Number: 720-4469-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
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	
720-4469-1MS	Matrix Spike	Water	8260B	
720-4469-1MSD	Matrix Spike Duplicate	Water	8260B	
720-4469-2	MID 1	Water	8260B	
720-4469-3	MID 2	Water	8260B	
720-4469-4	EFF	Water	8260B	
Analysis Batch:720-10899				
LCS 720-10899/2	Lab Control Spike	Water	8260B	
LCSD 720-10899/4	Lab Control Spike Duplicate	Water	8260B	
MB 720-10899/3	Method Blank	Water	8260B	
720-4469-1	INF	Water	8260B	
720-4471-B-13 MS	Matrix Spike	Water	8260B	
720-4471-B-13 MSD	Matrix Spike Duplicate	Water	8260B	
Analysis Batch:720-10936				
LCS 720-10936/4	Lab Control Spike	Water	8260B	
LCSD 720-10936/3	Lab Control Spike Duplicate	Water	8260B	
MB 720-10936/5	Method Blank	Water	8260B	
720-4469-3	MID 2	Water	8260B	
720-4484-A-2 MS	Matrix Spike	Water	8260B	
720-4484-A-2 MSD	Matrix Spike Duplicate	Water	8260B	

Client: Cambria Environmental Tech

Job Number: 720-4469-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(12DCE) (%Rec)	(TOL) (%Rec)
720-4469-1	INF	108	104
720-4469-2	MID 1	106	102
720-4469-3	MID 2	109	103
720-4469-4	EFF	108	107
720-4469-1MS	INF	100	108
720-4469-1MSD	INF	101	104
720-4471-B-13 MS		97	106
720-4471-B-13 MSD		99	108
720-4484-A-2 MS		93	97
720-4484-A-2 MSD		100	97
LCS 720-10886/21		98	105
LCS 720-10899/2		99	107
LCS 720-10936/4		87	98
LCSD 720-10886/20		97	106
LCSD 720-10899/4		99	105
LCSD 720-10936/3		93	95
MB 720-10886/22		107	103
MB 720-10899/3		103	104
MB 720-10936/5		101	99

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

Client: Cambria Environmental Tech

Job Number: 720-4469-1

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
MTBE	ND		0.50
Toluene	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: 720-4469-1

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		
MTBE	91	101	65 - 165	10	25		
Toluene	102	101	70 - 130	1	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: 720-4469-1

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

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4469-1	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:	720-4469-1	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		
MTBE	105	108	65 - 165	2	20		
Toluene	104	103	70 - 130	1	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.

Client: Cambria Environmental Tech

Job Number: 720-4469-1

Method Blank - Batch: 720-10899

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-10899/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2006 1057
Date Prepared: 07/12/2006 1057

Analysis Batch: 720-10899
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
MTBE	ND		0.50
Toluene	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: 720-4469-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-10899

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-10899/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2006 0937
Date Prepared: 07/12/2006 0937

Analysis Batch: 720-10899
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 720-10899/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/12/2006 1004
Date Prepared: 07/12/2006 1004

Analysis Batch: 720-10899
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

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	91	102	69 - 129	11	25		
MTBE	99	103	65 - 165	5	25		
Toluene	94	102	70 - 130	8	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	107	105	77 - 121
1,2-Dichloroethane-d4	99	99	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4469-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-10899

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4471-B-13 MS	Analysis Batch: 720-10899	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\(
Dilution:	20		Initial Weight/Volume: 40 mL
Date Analyzed:	07/12/2006 1244		Final Weight/Volume: 40 mL
Date Prepared:	07/12/2006 1244		

MSD Lab Sample ID:	720-4471-B-13 MSD	Analysis Batch: 720-10899	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\07
Dilution:	20		Initial Weight/Volume: 40 mL
Date Analyzed:	07/12/2006 1311		Final Weight/Volume: 40 mL
Date Prepared:	07/12/2006 1311		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	99	98	69 - 129	1	20		
MTBE	114	113	65 - 165	0	20		
Toluene	104	109	70 - 130	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	106	108	77 - 121
1,2-Dichloroethane-d4	97	99	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4469-1

Method Blank - Batch: 720-10936

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-10936/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2006 1122
Date Prepared: 07/13/2006 1122

Analysis Batch: 720-10936
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
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
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	99	77 - 121
1,2-Dichloroethane-d4	101	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4469-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-10936

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-10936/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2006 1030
Date Prepared: 07/13/2006 1030

Analysis Batch: 720-10936
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200607\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-10936/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/13/2006 1056
Date Prepared: 07/13/2006 1056

Analysis Batch: 720-10936
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200607\071
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	92	80	69 - 129	13	25		
MTBE	91	91	65 - 165	1	25		
Toluene	103	92	70 - 130	12	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	98	95	77 - 121
1,2-Dichloroethane-d4	87	93	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4469-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-10936

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4484-A-2 MS	Analysis Batch: 720-10936	Instrument ID: Saturn 2100
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	07/13/2006 1803		Final Weight/Volume: 10 mL
Date Prepared:	07/13/2006 1803		

MSD Lab Sample ID:	720-4484-A-2 MSD	Analysis Batch: 720-10936	Instrument ID: Saturn 2100
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200607\07
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	07/13/2006 1829		Final Weight/Volume: 10 mL
Date Prepared:	07/13/2006 1829		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	105	92	69 - 129	12	20		
MTBE	102	95	65 - 165	6	20		
Toluene	108	100	70 - 130	7	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	97	97	77 - 121
1,2-Dichloroethane-d4	93	100	73 - 130

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

SHELL Chain Of Custody Record

100747

STL-San Francisco

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

720-4469

Denis Brown

INCIDENT NUMBER (S&E ONLY)							
9	8	9	9	5	7	4	0

SAP or CRMT NUMBER (TS/CRMT)

DATE: _____

PAGE: ___1___ of ___1___

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS (Street and City):	GLOBAL ID NO.:
Cambria Environmental Technology, Inc.	CETO	2120 Montana Street, Oakland	T0600101805

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	247-0733-003

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:
Trey Jackson	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 = 0564275 Hour Meter = 03023.0

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
																										TEMPERATURE ON RECEIPT C° 6°
	INF	7/7/06	11:35	AQ	5	X		X	X																	VOAs w/HCl
	MID 1	↓	11:30	AQ	5	X		X	X																	VOAs w/HCl
	MID 2		11:25	AQ	5	X		X	X																	VOAs w/HCl
	EFF	↓	11:20	AQ	5	X		X	X																	VOAs w/HCl

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Rick Buskey	Ian McLean	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

07/14/2006

G:\Oakland 2120 Montana\Remediation\O&M\Field Forms\0733 GWE COCRoutine

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Cambria Environmental Tech

Job Number: 720-4469-1

Login Number: 4469

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: 720-4856-1

Job Description: 2120 Montana 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
08/09/2006

cc: Cynthia Vasko

Project Manager: Melissa Brewer

EXECUTIVE SUMMARY - Detections

Client: Cambria Environmental Tech Job Number: 720-4856-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-4856-1	**INF**				
Benzene		7.9	0.50	ug/L	8260B
Ethylbenzene		1.0	0.50	ug/L	8260B
MTBE		31	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C6-C12		140	50	ug/L	8260B
720-4856-2	**MID 1**				
MTBE		8.9	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C6-C12		76	50	ug/L	8260B
720-4856-3	**MID 2**				
Gasoline Range Organics (GRO)-C6-C12		130	50	ug/L	8260B
720-4856-4	**EFF**				
Gasoline Range Organics (GRO)-C6-C12		110	50	ug/L	8260B

METHOD SUMMARY

Client: Cambria Environmental Tech Job Number: 720-4856-1

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: 720-4856-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-4856-1	INF	Water	08/02/2006 0915	08/02/2006 1253
720-4856-2	MID 1	Water	08/02/2006 0910	08/02/2006 1253
720-4856-3	MID 2	Water	08/02/2006 0905	08/02/2006 1253
720-4856-4	EFF	Water	08/02/2006 0900	08/02/2006 1253

Client: Cambria Environmental Tech | Job Number: 720-4856-1

Client Sample ID: **INF**

Lab Sample ID: 720-4856-1
Client Matrix: Water

Date Sampled: 08/02/2006 0915
Date Received: 08/02/2006 1253

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/04/2006 1249
Date Prepared: 08/04/2006 1249

Analysis Batch: 720-11714

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200608\08
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	7.9		0.50
Ethylbenzene	1.0		0.50
MTBE	31		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	140		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	107	77 - 121
1,2-Dichloroethane-d4	110	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4856-1

Client Sample ID: **MID 1**

Lab Sample ID: 720-4856-2
Client Matrix: Water

Date Sampled: 08/02/2006 0910
Date Received: 08/02/2006 1253

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/03/2006 1215
Date Prepared: 08/03/2006 1215

Analysis Batch: 720-11681

Instrument ID: Saturn 2100
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
MTBE	8.9		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	76		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	91	77 - 121
1,2-Dichloroethane-d4	97	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4856-1

Client Sample ID: **MID 2**

Lab Sample ID: 720-4856-3 | Date Sampled: 08/02/2006 0905
Client Matrix: Water | Date Received: 08/02/2006 1253

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-11681 | Instrument ID: Saturn 2100
Preparation: 5030B | Lab File ID: c:\saturnws\data\200608\08
Dilution: 1.0 | Initial Weight/Volume: 10 mL
Date Analyzed: 08/03/2006 1148 | Final Weight/Volume: 10 mL
Date Prepared: 08/03/2006 1148

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	130		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	88	77 - 121
1,2-Dichloroethane-d4	102	73 - 130

Client: Cambria Environmental Tech | Job Number: 720-4856-1

Client Sample ID: **EFF**

Lab Sample ID: 720-4856-4
Client Matrix: Water

Date Sampled: 08/02/2006 0900
Date Received: 08/02/2006 1253

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/03/2006 1122
Date Prepared: 08/03/2006 1122

Analysis Batch: 720-11681

Instrument ID: Saturn 2100
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
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	110		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	90	77 - 121
1,2-Dichloroethane-d4	98	73 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: Cambria Environmental Tech

Job Number: 720-4856-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-11681				
LCS 720-11681/16	Lab Control Spike	Water	8260B	
LCSD 720-11681/15	Lab Control Spike Duplicate	Water	8260B	
MB 720-11681/17	Method Blank	Water	8260B	
720-4856-2	MID 1	Water	8260B	
720-4856-3	MID 2	Water	8260B	
720-4856-4	EFF	Water	8260B	
720-4856-4MS	Matrix Spike	Water	8260B	
720-4856-4MSD	Matrix Spike Duplicate	Water	8260B	
Analysis Batch:720-11714				
LCS 720-11714/21	Lab Control Spike	Water	8260B	
LCSD 720-11714/20	Lab Control Spike Duplicate	Water	8260B	
MB 720-11714/22	Method Blank	Water	8260B	
720-4848-B-1 MS	Matrix Spike	Water	8260B	
720-4848-B-1 MSD	Matrix Spike Duplicate	Water	8260B	
720-4856-1	INF	Water	8260B	

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(12DCE) (%Rec)	(TOL) (%Rec)
720-4856-1	INF	110	107
720-4856-2	MID 1	97	91
720-4856-3	MID 2	102	88
720-4856-4	EFF	98	90
720-4848-B-1 MS		101	108
720-4848-B-1 MSD		105	108
720-4856-4MS	EFF	88	88
720-4856-4MSD	EFF	95	88
LCS 720-11681/16		86	88
LCS 720-11714/21		101	106
LCSD 720-11681/15		88	87
LCSD 720-11714/20		102	103
MB 720-11681/17		92	88
MB 720-11714/22		111	110

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

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Method Blank - Batch: 720-11681

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-11681/17
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2006 1004
Date Prepared: 08/03/2006 1004

Analysis Batch: 720-11681
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
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
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	88	77 - 121
1,2-Dichloroethane-d4	92	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-11681

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-11681/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2006 0911
Date Prepared: 08/03/2006 0911

Analysis Batch: 720-11681
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200608\08
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-11681/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2006 0937
Date Prepared: 08/03/2006 0937

Analysis Batch: 720-11681
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200608\080
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	100	100	69 - 129	0	25		
MTBE	87	92	65 - 165	5	25		
Toluene	104	100	70 - 130	4	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	88	87	77 - 121
1,2-Dichloroethane-d4	86	88	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-11681

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4856-4	Analysis Batch: 720-11681	Instrument ID: Saturn 2100
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200608\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	08/03/2006 1030		Final Weight/Volume: 10 mL
Date Prepared:	08/03/2006 1030		

MSD Lab Sample ID:	720-4856-4	Analysis Batch: 720-11681	Instrument ID: Saturn 2100
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:	08/03/2006 1056		Final Weight/Volume: 10 mL
Date Prepared:	08/03/2006 1056		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	107	92	69 - 129	15	20		
MTBE	100	89	65 - 165	11	20		
Toluene	111	94	70 - 130	16	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	88	88	77 - 121
1,2-Dichloroethane-d4	88	95	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Method Blank - Batch: 720-11714

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-11714/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2006 1128
Date Prepared: 08/04/2006 1128

Analysis Batch: 720-11714
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200608\08
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

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

Surrogate	% Rec	Acceptance Limits
Toluene-d8	110	77 - 121
1,2-Dichloroethane-d4	111	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-11714

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-11714/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2006 1008
Date Prepared: 08/04/2006 1008

Analysis Batch: 720-11714
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200608\0
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-11714/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2006 1035
Date Prepared: 08/04/2006 1035

Analysis Batch: 720-11714
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200608\080
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	104	108	69 - 129	3	25		
MTBE	110	111	65 - 165	1	25		
Toluene	108	104	70 - 130	4	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	106	103	77 - 121
1,2-Dichloroethane-d4	101	102	73 - 130

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

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-11714

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-4848-B-1 MS	Analysis Batch: 720-11714	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200608\(
Dilution:	200		Initial Weight/Volume: 40 mL
Date Analyzed:	08/04/2006 1409		Final Weight/Volume: 40 mL
Date Prepared:	08/04/2006 1409		

MSD Lab Sample ID:	720-4848-B-1 MSD	Analysis Batch: 720-11714	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200608\08
Dilution:	200		Initial Weight/Volume: 40 mL
Date Analyzed:	08/04/2006 1436		Final Weight/Volume: 40 mL
Date Prepared:	08/04/2006 1436		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	98	109	69 - 129	10	20		
MTBE	151	162	65 - 165	2	20		
Toluene	106	113	70 - 130	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	108	108	77 - 121
1,2-Dichloroethane-d4	101	105	73 - 130

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

-San Francisco

720-4856

SHELL Chain Of Custody Record

101141

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): 9 8 9 9 5 7 4 0

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): 2120 Montana Street, Oakland	GLOBAL ID NO.: T0600101805
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.: 247-0733-003
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 = 06135841 Hour Meter = 03643.0

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	9/1/01	9:15	AQ	5	X		X	X																	VOAs w/HCl
	MID 1	"	9:10	AQ	5	X		X	X																	VOAs w/HCl
	MID 2	"	9:05	AQ	5	X		X	X																	VOAs w/HCl
	EFF	"	9:00	AQ	5	X		X	X																	VOAs w/HCl

TEMPERATURE ON RECEIPT C°: 2

Relinquished by: (Signature)	Received by: (Signature)	Date: 9/2/01	Time: 12:53
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.

10/17/00 Shell Revision
4/15/05 Cambria Revision

Q&Q Graphic (714) 898-9702

08/09/2006

Page 18 of 19

G:\Oakland 2120 Montana\Remediation\O&M\Field Forms\0733 GWE COCRoutine

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Cambria Environmental Tech

Job Number: 720-4856-1

Login Number: 4856

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	

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25 September, 2006

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

RE: Shell 2120 Montana Street, Oakland
Work Order: S609123

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 2120 Montana Street, Oakland	S609123
5900 Hollis St., Ste. A	Project Number: 98995740 SAP# 135675	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 10:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INF	S609123-01	Water	09/05/06 13:55	09/06/06 18:30
MID 1	S609123-02	Water	09/05/06 13:50	09/06/06 18:30
MID 2	S609123-03	Water	09/05/06 13:45	09/06/06 18:30
EFF	S609123-04	Water	09/05/06 13:40	09/06/06 18:30

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 2120 Montana Street, Oakland	S609123
5900 Hollis St., Ste. A	Project Number: 98995740 SAP# 135675	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 10:43

Gasoline\BTEX\Oxygenates by GCMS\8260B

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INF (S609123-01) Water Sampled: 09/05/06 13:55 Received: 09/06/06 18:30									
Methyl tert-butyl ether	**10**	0.50	ug/l	1	6090284	09/19/06	09/19/06	GCMS \ 8260B	
Benzene	**0.53**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**160**	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*101 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*98 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*90 %*		*60-140*	"	"	"	"	
MID 1 (S609123-02) Water Sampled: 09/05/06 13:50 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)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*97 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*99 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*94 %*		*60-140*	"	"	"	"	
MID 2 (S609123-03) Water Sampled: 09/05/06 13:45 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)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*100 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*96 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*93 %*		*60-140*	"	"	"	"	

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 2120 Montana Street, Oakland	S609123
5900 Hollis St., Ste. A	Project Number: 98995740 SAP# 135675	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 10:43

Gasoline\BTEX\Oxygenates by GCMS\8260B

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFF (S609123-04) Water Sampled: 09/05/06 13:40 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)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*100 %*		*60-140*		"	"	"	
Surrogate: Toluene-d8		*97 %*		*60-140*		"	"	"	
Surrogate: 4-BFB		*97 %*		*60-140*		"	"	"	

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 2120 Montana Street, Oakland	S609123
5900 Hollis St., Ste. A	Project Number: 98995740 SAP# 135675	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 10:43

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*			

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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 2120 Montana Street, Oakland	S609123
5900 Hollis St., Ste. A	Project Number: 98995740 SAP# 135675	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 10:43

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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Cambria Environmental - 5900 Hollis, Emeryville	Project: Shell 2120 Montana Street, Oakland	S609123
5900 Hollis St., Ste. A	Project Number: 98995740 SAP# 135675	**Reported:**
Emeryville CA, 94608	Project Manager: Trey Jackson	09/25/06 10:43

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

2004162

TEST AMERICA

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 4 0

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): 2120 Montana Street, Oakland	GLOBAL ID NO.: T0600101805
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.: 247-0733-003
PROJECT CONTACT (Hardcopy or PDF Report to): Trey Jackson	SAMPLER NAME(S) (Print): Rick Buskey
TELEPHONE: 510-420-3341	FAX: 510-420-9170
E-MAIL: tjackson@cambria-env.com	LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): [x] 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 = 0636328 Hour Meter = 09166.5

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
-01	INF	9/5/06	1:55	AQ	5	X		X	X																	VOAs w/HCl
-02	MID 1	↓	1:50	AQ	5	X		X	X																	VOAs w/HCl
-03	MID 2	↓	1:45	AQ	5	X		X	X																	VOAs w/HCl
-04	EFF	↓	1:40	AQ	5	X		X	X																	VOAs w/HCl

TEMPERATURE ON RECEIPT C°: 3.9°c

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

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

(signature) 9-6-06 09:00 (signature) 9/6/06 1500 9/6/06 0900

(signature) 9/6/06 1830

10/16/00 Shell Revision

11/1/05 Cambria Revision

Q&Q Graphic (714) 898-9702

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