Denis L. Brown

Shell Oil Products US
HSE – Environmental Services
20945 S. Wilmington Ave.
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February 14, 2006

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

Re: Fourth Quarter 2005 Monitoring Report
Shell-branded Service Station
610 Market Street
Oakland, California
SAP Code 135692
Incident No. 98995750

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Fourth Quarter 2005 Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

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

Sincerely,

Denis L. Brown
Sr. Environmental Engineer

CAMBRIA

February 14, 2006

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

Re: **Fourth Quarter 2005 Monitoring Report**
Shell-branded Service Station
610 Market Street
Oakland, California
Incident #99895750
Cambria Project #248-0594-002
ACHCSA Case # RO-0493

Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d. The site is located on Market Street between Sixth and Seventh Streets in Oakland, California (Figures 1 and 2).

REMEDIATION SUMMARY

Mobile Dual-Phase Vacuum Extraction (DVE) Treatment: From March to October 2000, Cambria coordinated mobile DVE from wells MW-2 and MW-3. Mobile DVE utilized a vacuum truck for extraction and off-hauling of groundwater. Carbon absorption vessels were used to abate extracted vapors. DVE was discontinued in October 2000 due to low groundwater extraction volumes.

DVE and Soil Vapor Extraction (SVE) Pilot Test: On March 22, 2001, Cambria performed a short-term (1-day) DVE test on well MW-3 and a short-term (1-day) SVE test on tank backfill well T-1. The tests were conducted using an internal combustion engine as the extraction and abatement device.

SVE Pilot Test: Between October 8 and 12, 2001, Cambria conducted a long-term (5-day) SVE pilot test on tank backfill well T-1. The test was conducted using an internal combustion engine as the extraction and abatement device.

Cambria Environmental Technology, Inc.

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

Mobile Groundwater Extraction (GWE): As recommended in the August 29, 2001 *Site Conceptual Model and Pilot Test Report*, Cambria began coordinating weekly GWE from well MW-3 using a vacuum truck in August 2001. Beginning in January 2002, well MW-2 was added to the weekly GWE schedule at the site. Mobile GWE was discontinued on January 8, 2003 in anticipation of starting the GWE system.

GWE System: As recommended in the August 19, 2002 *Interim Remedial Action Plan*, a GWE system was installed to address the elevated methyl tertiary butyl ether (MTBE) concentrations detected in groundwater beneath the site. The GWE system was started on February 18, 2003.

The following table summarizes the estimated total petroleum hydrocarbon as gasoline (TPHg), benzene, and MTBE mass removed by application of the remedial methods discussed:

Table A - Mass Removal Summary

		TPHg (pounds)		Benzene (pounds)		MTBE (pounds)	
Method	Period	Vapor-phase	Dissolved-phase	Vapor-phase	Dissolved-phase	Vapor-phase	Dissolved-phase
Mobile DVE	03/15/00 – 10/27/00	35.1	0.537	1.49	0.024	5.03	10.6
DVE/SVE Test	03/22/01	1.96	0.032	0.009	0	2.08	1.25
SVE Test	10/08/01 – 10/12/01	15.8	NA	1.33	NA	35.9	NA
Mobile GWE	03/22/01 – 01/28/03	NA	2.84	NA	0.063	NA	60.0
GWE System	02/18/03 – 1/9/06	NA	47.5	NA	0.381	NA	136.6
Subtotal (per phase)		52.9	5098	2.83	0.468	43.0	208.5
Total Mass Removed		**104 pounds**		**3.30 pounds**		**251 pounds**	

FOURTH QUARTER 2005 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells in December 2005, calculated groundwater elevations, and compiled the analytical data. In addition, at Shell's request, Blaine gauged the site wells and sampled wells MW-3, MW-5 and MW-6 in October 2005. Cambria prepared a vicinity map which includes previously submitted well survey information (Figure 1) and a groundwater elevation contour map for the December 2005 data (Figure 2). Blaine's report, presenting the laboratory reports and supporting field documents, is included as Attachment A.

Remedial Activities: Cambria began operating the fixed GWE system on February 18, 2003. Wells MW-2, MW-3, MW-6, MW-7, and MW-8 are equipped with pumps to be used as extraction points. As of July 22, 2005, the system has been pumping only from well MW-3. Table 1 summarizes system analytical data. Groundwater level measurements and flow meter readings have been recorded at various times of operation to assess system production. Table 2 summarizes the field data and system operation, and calculates mass removal. Based on the field data, the GWE system has operated at an average flow rate of approximately 1.66 gallons per minute since startup.

As of January 9, 2006, a total of 2,129,868 gallons of groundwater had been extracted. A total of 47.5 pounds of TPHg, 0.381 pounds of benzene, and 137 pounds of MTBE has been recovered.

The groundwater elevation contour map (Figure 2) does not demonstrate the hydraulic control typically maintained by groundwater extraction from MW-3. During routine maintenance visits, Cambria measured the depth to water in MW-3 at 16.81 feet below grade (fbg) on November 23, 2005, and at 16.72 fbg on December 30, 2005. Blaine's technician observed that the GWE system was operating on December 13, 2005, so it is not clear why the depth to water in MW-3 on this day was only 11.18 fbg. However, Cambria's field notes indicate that a significant level of drawdown was maintained throughout most of the fourth quarter 2005.

ANTICIPATED FIRST QUARTER 2006 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample all monitoring wells in the first quarter 2006 and tabulate the data. Cambria will prepare a monitoring report.

Remedial Activities: GWE system operation is expected to continue throughout the first quarter 2006. Per Cambria's standard operating procedures and East Bay Municipal Utilities District

treatment-system monitoring requirements, Cambria will perform routine operation and maintenance of the GWE system. Cambria will monitor concentration trends and GWE system effectiveness.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Cynthia Vasko at (510) 420-3344 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Cynthia Vasko
Project Engineer

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

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

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

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

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

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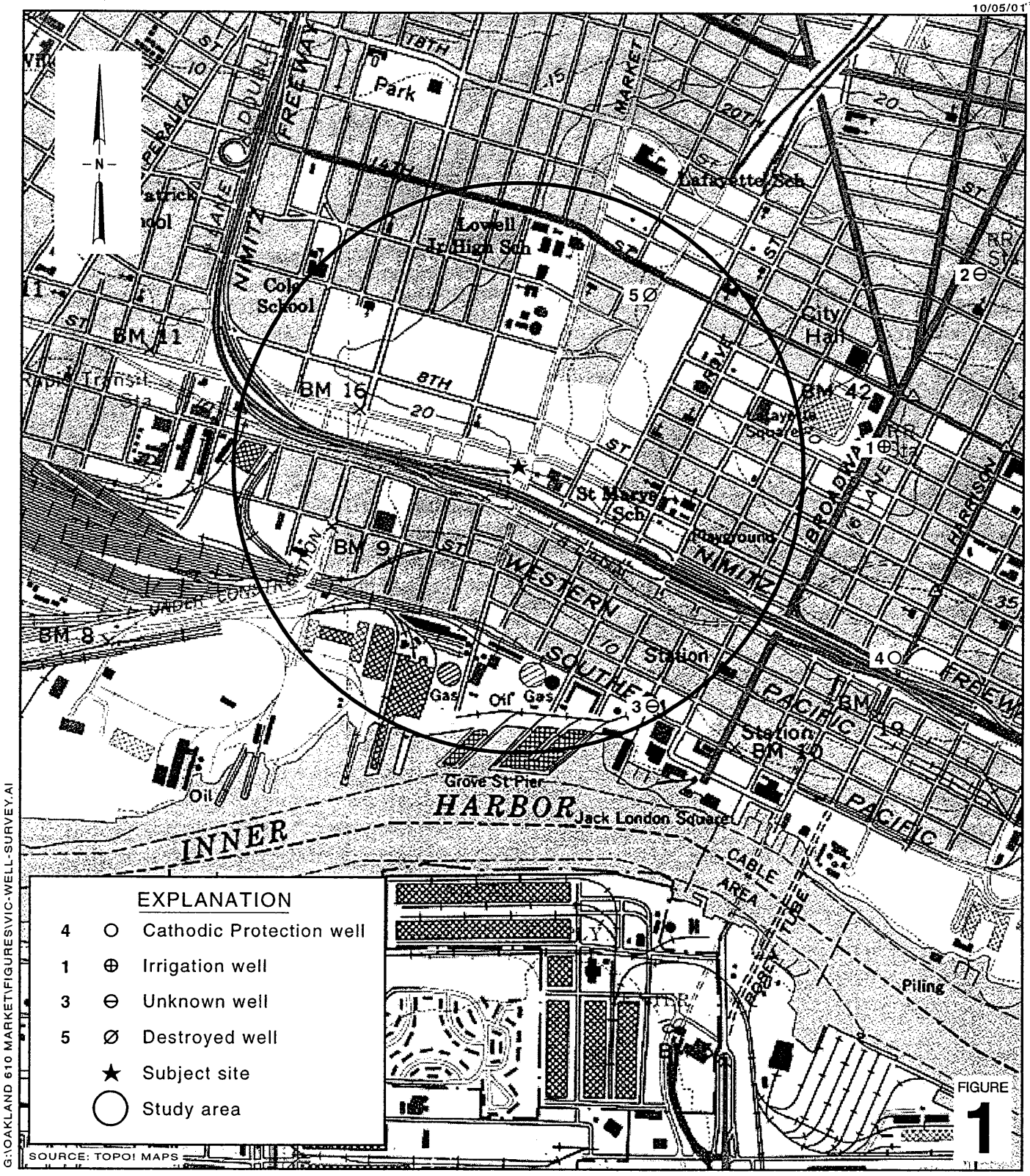

Shell-branded Service Station
610 Market Street
Oakland, California
Incident #98995750

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Vicinity / Area Well Survey Map
1/2 Mile Radius

EXPLANATION

- MW-1 — Monitoring well location
- MW-2 — Monitoring well used for groundwater extraction
- T1 — Tank observation well location
- SB-E — Soil boring location (4/17/02)
- SB-A — Geoprobe boring location (3/31/98)
- Electrical line (E)
- Storm drain line (SD)
- Sanitary sewer line (SS)
- Water line (W)
- Gas line (G)
- Telecommunication line (T)
- Groundwater flow direction
- xx.xx — Groundwater elevation contour, in feet above mean sea level (msl), approximately located 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.
- Flow direction
- FL = 2.8 — Flow line elevation, in feet above mean sea level (msl)
- Manhole
- Groundwater extraction system piping
- INF — GWE system sampling location

MARKET STREET

INTERSTATE 880 OFF-RAMP

6th STREET

7th STREET

MW-1 7.43 / 7.55 / 18.6
MW-2 7.49 / <0.500 / 2.11
MW-3 6.90 / 4.56 / 72.5
MW-4 6.33 / <0.500 / 2,490
MW-5 6.73 / <0.500 / 167
MW-6 6.83 / <0.500 / 35.1
MW-7 6.98 / <0.500 / 19.1
MW-8 6.91 / 49.6 / 320
MW-9 6.86 / <0.500 / 2.88

SB-A, SB-B, SB-C, SB-E, SB-F, T1, T2, INF, EFF

USTs, former dispenser island, dispensers, kiosk, car wash, planter, remediation enclosure

0 15 30 60
Scale (ft)

Groundwater Elevation Contour Map

December 13, 2005

CAMBRIA

FIGURE
2

Shell-branded Service Station
610 Market Sreet
Oakland, California
Incident No.98995750

G:\OAKLAND 610 MARKET\FIGURES\4QM05.DWG

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

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

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

Sample Date (mm/dd/yy)	Influent			Midfluent 1			Midfluent 2			Effluent		
	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)
05/28/2004	3,400	170	1,200	<50	<0.5	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
06/09/2004	<1,000	<10	1,100	<250	<2.5	920	<50	<0.50	<0.50	<50	<0.50	<0.50
07/07/2004	<1,000	<10	1,100	<500	<5.0	1,100	<50	<0.50	<0.50	<50	<0.50	<0.50
08/03/2004	<1,000	<10	850	<500	<5.0	680	<50	<0.50	<0.50	<50	<0.50	<0.50
09/16/2004	<250	<2.5	480	<500	<5.0	920	<50	<0.50	<0.50	<50	<0.50	<0.50
10/12/2004	<50	<0.50	320	<150	<1.5	820	<50	<0.50	<0.50	<50	<0.50	<0.50
11/08/2004	<200	<2.0	400	<250	<2.5	700	<50	<0.50	<0.50	<50	<0.50	<0.50
12/02/2004	<250	<2.5	530	<500	<5.0	860	<50	<0.50	<0.50	<50	<0.50	<0.50
01/10/2005	<250	<2.5	350	<500	<5.0	880	<50	<0.50	<0.50	<50	<0.50	<0.50
02/08/2005	<250	<2.5	460	<500	<5.0	830	<50	<0.50	<0.50	<50	<0.50	<0.50
03/07/2005	310	8.9	120	<500	<5.0	850	<50	<0.50	<0.50	<50	<0.50	<0.50
04/13/2005	<250	<2.5	350	<500	<5.0	550	<50	<0.50	1.2	<50	<0.50	<0.50
07/29/2005	<200	3.2	540	<50	<0.50	1.0	<50	<0.50	<0.50	<50	<0.50	1.0
08/04/2005	86 a	1.8	140	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
09/16/2005	77 a	1.1	55	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
10/13/2005	140	0.68	26	<50 a	<0.50	<0.50	<50 a	<0.50	<0.50	<50 a	<0.50	<0.50
11/11/2005	100 a	0.86	26	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
12/16/2005	92	1.0	36	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50
01/09/2006	240	2.8	180	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	<0.50	<0.50

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tert-butyl ether
Conc. = Concentration

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

	Influent			Midfluent 1			Midfluent 2			Effluent		
Sample Date (mm/dd/yy)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc (ppb)

ppb = parts per billion, equivalent to µg/l

TPHg, benzene, and MTBE analyzed by EPA Method 8260B

a - Quantity of unknown hydrocarbon(s) in sample based on gasoline

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

Site Visit (mm/dd/yy)	Hour Meter (hours	Flow Meter Reading (gal)	Period Volume (gal)	Period Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	TPHg Period Removal (pounds)	TPHg Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Benzene Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	MTBE Cumulative Removal (pounds)
02/18/03	0.0	100	0	0.00	0	<20,000	0.00000	0.00000	270	0.00000	0.00000	93,000	0.00000	0.00000
02/18/03	3.5	1,024	924	4.40	924		0.07710	0.07710		0.00208	0.00208		0.71705	0.71705
02/25/03	140.2	30,312	29,288	3.57	30,212	<20,000	2.44390	2.52100	<200	0.02444	0.02652	74,000	18.08482	18.80187
03/11/03	475.8	84,666	54,354	2.70	84,566	<10,000	2.26775	4.78874	<100	0.02268	0.04920	47,000	21.31681	40.11868
03/13/03	524.0	92,030	7,364	2.55	91,930		0.30724	5.09598		0.00307	0.05227		2.88805	43.00673
03/25/03	527.0	92,840	810	4.50	92,740	<10,000	0.03379	5.12978	<100	0.00034	0.05261	38,000	0.25684	43.26357
04/07/03	838.6	142,754	49,914	2.67	142,654	30,000	12.49501	17.62478	<250	0.05206	0.10467	33,000	13.74451	57.00807
04/14/03	985.4	165,205	22,451	2.55	165,105		5.62017	23.24496		0.02342	0.12809		6.18219	63.19027
04/22/03	1,184.1	197,360	32,155	2.70	197,260	<25,000	3.35391	26.59887	<250	0.03354	0.16163	26,000	6.97613	70.16640
04/29/03	1,305.4	216,450	19,090	2.62	216,350		1.99117	28.59004		0.01991	0.18154		4.14164	74.30804
05/01/03	1,351.3	223,850	7,400	2.69	223,750	<10,000	0.30874	28.89878	<100	0.00309	0.18463	25,000	1.54371	75.85174
05/20/03	1,783.0	291,620	67,770	2.62	291,520	<10,000	2.82749	31.72626	<100	0.02827	0.21290	17,000	9.61345	85.46519
06/03/03	2,122.1	341,643	50,023	2.46	341,543	<10,000	2.08705	33.81331	<100	0.02087	0.23377	15,000	6.26115	91.72634
06/17/03	2,456.1	388,001	46,358	2.31	387,901	<10,000	1.93414	35.74745	<100	0.01934	0.25311	17,000	6.57607	98.30241
06/30/03	2,766.0	429,880	41,879	2.25	429,780		1.74727	37.49472		0.01747	0.27059		5.94071	104.24311
07/14/03	3,095.9	473,549	43,669	2.21	473,449		1.82195	39.31667		0.01822	0.28881		6.19462	110.43774
07/28/03	3,423.7	514,826	41,277	2.10	514,726	<5,000	0.86107	40.17774	<50	0.00861	0.29742	7,100	2.44545	112.88319
08/11/03	3,761.9	545,750	30,924	1.52	545,650	<2,500	0.32255	40.50029	<25	0.00323	0.30064	4,900	1.26440	114.14759
08/28/03	4,171.0	595,525	49,775	2.03	595,425	<2,500	0.51918	41.01947	<25	0.00519	0.30583	7,700	3.19812	117.34571
09/08/03	4,435.4	626,720	31,195	1.97	626,620	<2,500	0.32538	41.34485	<25	0.00325	0.30909	6,600	1.71799	119.06371
09/22/03	4,769.9	665,449	38,729	1.93	665,349	<5,000	0.80792	42.15277	<50	0.00808	0.31717	5,700	1.84206	120.90577
10/08/03	5,084.6	701,104	35,655	1.89	701,004	<2,500	0.37190	42.52466	<25	0.00372	0.32089	3,100	0.92231	121.82807
10/21/03	5,396.7	735,644	34,540	1.84	735,544	<5,000	0.72054	43.24520	<50	0.00721	0.32809	3,800	1.09521	122.92329
11/06/03	5,785.7	778,218	42,574	1.82	778,118	<1,000	0.17763	43.42283	<10	0.00178	0.32987	3,500	1.24338	124.16667
11/19/03	6,097.1	810,223	32,005	1.71	810,123		0.13353	43.55636		0.00134	0.33120		0.93471	125.10139
12/05/03	6,481.6	849,610	39,387	1.71	849,510	<2,000	0.32866	43.88502	<20	0.00329	0.33449	3,400	1.11744	126.21883
12/23/03	6,909.0	898,595	48,985	1.91	898,495		0.40875	44.29376		0.00409	0.33858		1.38974	127.60857
01/02/04	7,057.2	917,835	19,240	2.16	917,735		0.16055	44.45431		0.00161	0.34018		0.54585	128.15443
01/09/04	7,170.7	941,766	23,931	3.51	941,666	<2,000	0.19969	44.65400	<20	0.00200	0.34218	2,700	0.53916	128.69358
01/21/04	7,461.1	986,590	44,824	2.57	986,490		0.37403	45.02803		0.00374	0.34592		1.00987	129.70346
02/09/04	7,492.3	991,309	4,719	2.52	991,209	<250	0.00492	45.03295	7.8	0.00031	0.34623	250	0.00984	129.71330
02/25/04	7,872.5	1,048,823	57,514	2.52	1,048,723		0.05999	45.09294		0.00374	0.34997		0.11998	129.83328

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

Site Visit (mm/dd/yy)	Hour Meter (hours	Flow Meter Reading (gal)	Period Volume (gal)	Period Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg			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)
03/09/04	7,952.6	1,062,912	14,089	2.93	1,062,812	<250	0.01470	45.10763	8.6	0.00101	0.35098	700	0.08229	129.91558
03/23/04	8,285.6	1,117,340	54,428	2.72	1,117,240		0.05677	45.16440		0.00391	0.35489		0.31792	130.23349
04/13/04	8,792.3	1,191,229	73,889	2.43	1,191,129	<1,000	0.30828	45.47268	<10	0.00308	0.35797	1,900	1.17146	131.40495
04/29/04	9,010.2	1,221,189	29,960	2.29	1,221,089		0.12500	45.59768		0.00125	0.35922		0.47499	131.87994
05/10/04	9,273.9	1,256,838	35,649	2.25	1,256,738	<1,000	0.14873	45.74641	<10	0.00149	0.36071	1,600	0.47595	132.35589
05/25/04	9,633.5	1,299,232	42,394	1.96	1,299,132		0.17688	45.92329		0.00177	0.36248		0.56600	132.92189
05/28/04	9,633.5	1,299,232	0	0.00	1,299,132	3,400	0.00000	45.92329	170	0.00000	0.36248	1,200	0.00000	132.92189
06/09/04	9,784.0	1,317,792	18,560	2.06	1,317,692	<1,000	0.07744	46.00073	<10	0.00077	0.36325	1,100	0.17036	133.09225
06/22/04	10,092.7	1,353,124	35,332	1.91	1,353,024		0.14741	46.14814		0.00147	0.36472		0.32431	133.41656
07/07/04	10,452.9	1,392,516	39,392	1.82	1,392,416	<1,000	0.16435	46.31249	<10	0.00164	0.36637	1,100	0.36157	133.77813
07/22/04	10,815.9	1,431,329	38,813	1.78	1,431,229		0.16193	46.47442		0.00162	0.36799		0.35626	134.13438
08/03/04	11,101.8	1,458,993	27,664	1.61	1,458,893	<1,000	0.11542	46.58984	<10	0.00115	0.36914	850	0.19621	134.33060
08/18/04	11,462.6	1,489,829	30,836	1.42	1,489,729		0.12865	46.71849		0.00129	0.37043		0.21871	134.54931
08/31/04	11,774.4	1,509,195	19,366	1.04	1,509,095		0.08080	46.79929		0.00081	0.37124		0.13736	134.68667
09/16/04	12,158.3	1,544,659	35,464	1.54	1,544,559	<250	0.03699	46.83628	<2.5	0.00037	0.37161	480	0.14204	134.82871
09/29/04	12,454.1	1,570,554	25,895	1.46	1,570,454		0.02701	46.86329		0.00027	0.37188		0.10372	134.93243
10/12/04	12,764.9	1,596,571	26,017	1.40	1,596,471	<50	0.00543	46.86872	<0.50	0.00005	0.37193	320	0.06947	135.00190
10/29/04	13,155.1	1,629,213	32,642	1.39	1,629,113		0.00681	46.87553		0.00007	0.37200		0.08716	135.08906
11/08/04	13,396.0	1,650,078	20,865	1.44	1,649,978	<200	0.01741	46.89294	<2.0	0.00017	0.37217	400	0.06964	135.15870
11/23/04	13,753.4	1,681,329	31,251	1.46	1,681,229		0.02608	46.91902		0.00026	0.37243		0.10431	135.26301
12/02/04	13,970.7	1,699,369	18,040	1.38	1,699,269	<250	0.01882	46.93783	<2.5	0.00019	0.37262	530	0.07978	135.34279
12/13/04	14,232.5	1,722,500	23,131	1.47	1,722,400		0.02413	46.96196		0.00024	0.37286		0.10230	135.44509
12/27/04	14,569.0	1,753,347	30,847	1.53	1,753,247		0.03217	46.99414		0.00032	0.37318		0.13642	135.58151
01/10/05	14,908.0	1,791,516	38,169	1.88	1,791,416	<250	0.03981	47.03395	<2.5	0.00040	0.37358	350	0.11147	135.69298
01/24/05	15250.0 a	1,833,667	42,151	2.05	1,833,567		0.04397	47.07791		0.00044	0.37402		0.12310	135.81608
02/08/05	15610.0 a	1,877,563	43,896	2.03	1,877,463	<250	0.04579	47.12370	<2.5	0.00046	0.37448	460	0.16849	135.98457
02/22/05	977.7 b	1,905,770	28,207	1.41	1,905,670		0.02942	47.15312		0.00029	0.37477		0.10827	136.09284
03/07/05	981.5	1,906,415	645	2.83	1,906,315	310	0.00167	47.15479	8.9	0.00005	0.37482	120	0.00065	136.09349
03/21/05	1313.8	1,955,583	49,168	2.47	1,955,483		0.12719	47.28197		0.00365	0.37847		0.04923	136.14272
04/13/05	1868.6	2,040,301	84,718	2.55	2,040,201	<250	0.08836	47.37034	<2.5	0.00088	0.37936	350	0.24742	136.39014
04/26/05	2178.9	2,075,269	34,968	1.88	2,075,169		0.03647	47.40681		0.00036	0.37972		0.10212	136.49227
07/22/05	2255.0	2,086,544	11,275	2.47	2,086,444		0.00941	47.41622		0.00030	0.38002		0.05080	136.54307
07/29/05	2419.6	2,088,327	1,783	0.18	2,088,227	<200	0.00149	47.41771	3.2	0.00005	0.38007	540	0.00803	136.55111

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

Site Visit (mm/dd/yy)	Hour Meter (hours	Flow Meter Reading (gal)	Period Volume (gal)	Period Operational Flow Rate (gpm)	Cumulative Volume (gal)	TPHg Conc. (ppb)	TPHg Period Removal (pounds)	TPHg Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Benzene Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	MTBE Cumulative Removal (pounds)
08/04/05	2562.3	2,090,240	1,913	0.22	2,090,140	86 c	0.00137	47.41908	1.8	0.00003	0.38010	140	0.00223	136.55334
08/23/05	3020.5	2,095,197	4,957	0.18	2,095,097		0.00356	47.42264		0.00007	0.38017		0.00579	136.55913
09/16/05	3596.9	2,101,199	6,003	0.17	2,101,099	77 c	0.00386	47.42649	1.1	0.00006	0.38023	55	0.00275	136.56189
09/30/05	3932.7	2,104,244	3,045	0.15	2,104,144		0.00196	47.42845		0.00003	0.38026		0.00140	136.56328
10/13/05	4247.0	2,107,078	2,834	0.15	2,106,978	140	0.00331	47.43176	0.68	0.00002	0.38027	26	0.00061	136.56390
10/28/05	4603.6	2,109,993	2,915	0.14	2,109,893		0.00341	47.43517		0.00002	0.38029		0.00063	136.56453
11/11/05	4941.6	2,112,924	2,931	0.14	2,112,824	100 c	0.00245	47.43761	0.86	0.00002	0.38031	26	0.00064	136.56517
11/23/05	5227.2	2,115,278	2,354	0.14	2,115,178		0.00196	47.43958		0.00002	0.38033		0.00051	136.56568
12/16/05	5779.7	2,120,371	5,093	0.15	2,120,271	92	0.00391	47.44349	1.0	0.00004	0.38037	36	0.00153	136.56721
12/30/05	6115.8	2,125,465	5,094	0.25	2,125,365		0.00391	47.44740		0.00004	0.38041		0.00153	136.56874
01/09/06	6358.4	2,129,968	4,503	0.31	2,129,868	240	0.00902	47.45641	2.8	0.00011	0.38052	180	0.00676	136.57550
			Total Extracted Volume:	**2,129,868**		**Total Pounds Removed:**	**47.5**		**Total Pounds Removed:**	**0.381**		**Total Pounds Removed:**	**137**	
			Average Operational Flow Rate:	**1.66**		**Total Gallons Removed:**	**7.79**		**Total Gallons Removed:**	**0.052**		**Total Gallons Removed:**	**22.1**	

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tert-butyl ether
Conc. = Concentration
ppb = Parts per billion, equivalent to µg/L
µg/L = Micrograms per liter
L = Liter
gal = Gallon
g = Gram
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10^6µg) 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
a. Hour meter value is calculated due to hour meter failure
b. Hour meter replaced on 2/8/05. Initial reading 645.2 hours.
c. Quantity of unknown hydrocarbon(s) in sample is based on gasoline

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

January 10, 2006

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

Fourth Quarter 2005 Groundwater Monitoring at
Shell-branded Service Station
610 Market Street
Oakland, CA

Monitoring performed on October 26 and
December 13, 2005

Groundwater Monitoring Report **051213-PC-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/17/1998	2,200	20	<10	110	420	NA	NA	NA	NA	NA	21.70	13.71	7.99
MW-1	03/09/1999	4,320	25.8	<10.0	338	474	NA	NA	NA	NA	NA	21.70	13.03	8.67
MW-1	06/16/1999	6,150	107	84.0	615	1,050	NA	NA	NA	NA	NA	21.70	13.82	7.88
MW-1	09/29/1999	3,440	97.3	58.7	433	578	NA	NA	NA	NA	NA	21.70	14.45	7.25
MW-1	12/22/1999	1,370	34.5	4.38	196	49.1	NA	NA	NA	NA	NA	21.70	15.39	6.31
MW-1	03/21/2000	2,550	10.3	3.36	164	312	NA	NA	NA	NA	NA	21.70	11.94	9.76
MW-1	06/20/2000	4,770	64.3	18.6	387	732	NA	NA	NA	NA	NA	21.70	13.15	8.55
MW-1	09/21/2000	7,490	350	229	690	1,490	NA	NA	NA	NA	NA	21.70	13.65	8.05
MW-1	11/30/2000	5,410	420	168	494	1,170	NA	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	03/06/2001	965	25.7	9.14	13.3	9.12	NA	NA	NA	NA	NA	21.70	12.99	8.71
MW-1	06/28/2001	5,900	190	71	360	910	110	NA	NA	NA	NA	21.70	13.98	7.72
MW-1	09/12/2001	7,400	240	110	460	1,300	130	NA	NA	NA	NA	21.70	14.15	7.55
MW-1	12/12/2001	1,700	100	30	120	300	98	NA	NA	NA	NA	21.70	13.75	7.95
MW-1	03/08/2002	1,100	63	12	74	83	50	NA	NA	NA	NA	21.70	13.22	8.48
MW-1	06/06/2002	2,300	95	31	130	290	49	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	09/09/2002	3,600	150	44	200	590	54	NA	NA	NA	NA	21.70	14.05	7.65
MW-1	12/12/2002	2,200	130	14	120	310	46	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	02/26/2003	580	30	2.9	25	48	27	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.67	8.03
MW-1	06/13/2003	440	18	6.1	33	88	24	NA	NA	NA	NA	21.70	13.85	7.85
MW-1	09/26/2003	54	3.8	0.51	4.7	7.5	11	NA	NA	NA	NA	21.70	14.63	7.07
MW-1	11/24/2003	120	5.6	0.87	8.4	20	17	NA	NA	NA	NA	21.70	14.86	6.84
MW-1	03/01/2004	350	20	3.8	38	100	18	NA	NA	NA	NA	21.70	12.85	8.85
MW-1	06/15/2004	100	1.8	<0.50	2.6	6.1	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	09/16/2004	200	20	0.75	7.8	16	27	<2.0	<2.0	<2.0	<5.0	21.70	14.60	7.10
MW-1	12/29/2004	67	1.8	<0.50	1.8	3.5	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	02/28/2005	60	1.8	<0.50	1.9	3.6	22	NA	NA	NA	NA	21.70	12.45	9.25
MW-1	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	12.50	9.20

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	05/18/2005	92	5.3	<0.50	5.4	12	9.7	NA	NA	NA	NA	21.70	12.22	9.48
MW-1	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.51	8.19
MW-1	09/15/2005	210	16	<0.50	4.3	19	19	<2.0	<2.0	<2.0	320	21.70	14.00	7.70
MW-1	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**21.70**	**14.30**	**7.40**
MW-1	**12/13/2005**	**<50.0**	**7.55**	**2.14**	**2.39**	**2.73**	**18.6**	**NA**	**NA**	**NA**	**NA**	**21.70**	**14.27**	**7.43**
MW-2	12/17/1998	<5,000	<50	<50	<50	<50	NA	NA	NA	NA	NA	19.61	12.07	7.54
MW-2	03/09/1999	<250	5.20	<2.50	<2.50	<2.50	NA	NA	NA	NA	NA	19.61	11.46	8.15
MW-2	06/16/1999	<50.0	0.569	<0.500	<0.500	<0.500	NA	NA	NA	NA	NA	19.61	12.26	7.35
MW-2	09/29/1999	58.6	2.51	0.978	<0.500	<0.500	NA	NA	NA	NA	NA	19.61	12.51	7.10
MW-2	12/22/1999	<2,000	50.4	<20.0	<20.0	<20.0	NA	NA	NA	NA	NA	19.61	13.40	6.21
MW-2	03/21/2000	<5,000	94.7	<50.0	<50.0	<50.0	NA	NA	NA	NA	NA	19.61	10.36	9.25
MW-2	06/20/2000	101	5.95	<0.500	<0.500	0.552	NA	NA	NA	NA	NA	19.61	11.12	8.49
MW-2	09/21/2000	<2,000	<20.0	<20.0	<20.0	<20.0	NA	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	11/30/2000	81.1	4.46	0.924	0.841	3.23	NA	NA	NA	NA	NA	19.61	12.48	7.13
MW-2	03/06/2001	<500	183	<5.00	<5.00	<5.00	NA	NA	NA	NA	NA	19.61	11.10	8.51
MW-2	06/28/2001	<1,000	<10	<10	<10	<10	4,200	NA	NA	NA	NA	19.61	12.40	7.21
MW-2	09/12/2001	<2,000	120	<20	<20	<20	17,000	NA	NA	NA	NA	19.61	12.45	7.16
MW-2	12/12/2001	<1,000	<10	<10	<10	<10	3,000	NA	NA	NA	NA	19.61	12.14	7.47
MW-2	03/08/2002	<250	<2.5	<2.5	<2.5	<2.5	1,100	NA	NA	NA	NA	19.61	11.68	7.93
MW-2	06/06/2002	<500	<5.0	<5.0	<5.0	<5.0	2,000	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	09/09/2002	<200	<2.0	<2.0	<2.0	<2.0	740	NA	NA	NA	NA	19.62	12.38	7.24
MW-2	12/12/2002	<200	<2.0	<2.0	<2.0	<2.0	1,000	NA	NA	NA	NA	19.62	12.40	7.22
MW-2	02/26/2003	<500	<5.0	<5.0	<5.0	<5.0	1,600	NA	NA	NA	NA	19.62	12.69	6.93
MW-2	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.62	12.81	6.81
MW-2	06/13/2003	<500	<5.0	<5.0	<5.0	<10	790	NA	NA	NA	NA	19.62	12.65	6.97
MW-2	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	250	NA	NA	NA	NA	18.20	12.95	5.25
MW-2	11/24/2003	<50	<0.50	<0.50	<0.50	<1.0	87	NA	NA	NA	NA	18.20	12.89	5.31

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	35	NA	NA	NA	NA	18.20	10.08	8.12
MW-2	06/15/2004	66 b	<0.50	<0.50	<0.50	<1.0	110	NA	NA	NA	NA	18.20	12.85	5.35
MW-2	09/16/2004	<50	<0.50	<0.50	<0.50	<1.0	26	<2.0	<2.0	<2.0	<5.0	18.20	12.00	6.20
MW-2	12/29/2004	<50	<0.50	0.73	<0.50	<1.0	43	NA	NA	NA	NA	18.20	11.60	6.60
MW-2	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	9.71	8.49
MW-2	03/23/2005	340 f	3.9	<2.0	<2.0	<4.0	370	NA	NA	NA	NA	18.20	10.10	8.10
MW-2	05/18/2005	<100	4.6	<1.0	<1.0	3.3	160	NA	NA	NA	NA	18.20	10.21	7.99
MW-2	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	10.53	7.67
MW-2	09/15/2005	<50	<0.50	<0.50	<0.50	<1.0	11	<2.0	<2.0	<2.0	520	18.20	11.98	6.22
MW-2	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**18.20**	**11.38**	**6.82**
MW-2	**12/13/2005**	**<50.0**	**<0.500**	**1.66**	**<0.500**	**<0.500**	**2.11**	**NA**	**NA**	**NA**	**NA**	**18.20**	**10.71**	**7.49**
MW-3	12/17/1998	30,000	890	110	2,100	4,300	43,000	NA	NA	NA	NA	19.05	11.65	7.40
MW-3	03/09/1999	22,700	536	<200	1,030	1,510	38,500	NA	NA	NA	NA	19.05	11.03	8.02
MW-3	06/16/1999	19,300	625	129	805	1,210	51,600	NA	NA	NA	NA	19.05	11.89	7.16
MW-3	09/29/1999	20,200	727	155	1,000	1,180	136,000 a	NA	NA	NA	NA	19.05	12.35	6.70
MW-3	12/22/1999	44,500	767	64.4	1,810	2,090	186,000 a	NA	NA	NA	NA	19.05	13.45	5.60
MW-3	03/21/2000	<25,000	466	<250	727	2,280	155,000	NA	NA	NA	NA	19.05	10.00	9.05
MW-3	06/20/2000	16,200	1,140	98.8	1,140	1,410	376,000 a	NA	NA	NA	NA	19.05	11.15	7.90
MW-3	09/21/2000	<50,000	712	<500	520	795	298,000	NA	NA	NA	NA	19.05	11.58	7.47
MW-3	11/30/2000	18,000	1,050	124	1,120	2,010	403,000 a	NA	NA	NA	NA	19.05	12.10	6.95
MW-3	03/06/2001	19,900	1,290	115	1,450	1,760	149,000	NA	NA	NA	NA	19.05	11.00	8.05
MW-3	06/28/2001	<50,000	1,200	<250	1,100	1,300	610,000	NA	NA	NA	NA	19.05	11.96	7.09
MW-3	09/12/2001	<20,000	430	<200	230	480	390,000	NA	NA	NA	NA	19.05	12.05	7.00
MW-3	10/23/2001	11,000	350	<100	210	440	290,000	NA	NA	NA	NA	19.05	12.62	6.43
MW-3	12/12/2001	<20,000	280	<200	<200	<200	160,000	NA	NA	NA	NA	19.05	11.83	7.22
MW-3	03/08/2002	<20,000	270	<200	<200	<200	340,000	NA	NA	NA	NA	19.05	11.26	7.79
MW-3	06/06/2002	<50,000	290	<250	<250	<250	290,000	NA	NA	NA	NA	19.05	11.50	7.55

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MW-3	09/09/2002	<20,000	<200	<200	<200	<200	230,000	NA	NA	NA	NA	19.06	11.92	7.14
MW-3	12/12/2002	<50,000	<200	<200	<200	<500	190,000	NA	NA	NA	NA	19.06	10.95	8.11
MW-3	02/26/2003	<25,000	<250	<250	<250	<250	210,000	NA	NA	NA	NA	19.06	15.01	4.05
MW-3	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.06	15.12	3.94
MW-3	06/13/2003	<25,000	<250	<250	<250	<500	27,000	NA	NA	NA	NA	19.06	15.25	3.81
MW-3	09/26/2003	<10,000	<100	<100	<100	<200	15,000	NA	NA	NA	NA	18.08	16.65 c	NA
MW-3	11/24/2003	<10,000	<100	<100	<100	<200	9,900	NA	NA	NA	NA	18.08	15.13	2.95
MW-3	03/01/2004	<10,000	<100	<100	<100	<200	8,000	NA	NA	NA	NA	18.08	9.97	8.11
MW-3	06/15/2004	<10,000	<100	<100	<100	<200	6,900	NA	NA	NA	NA	18.08	15.05	3.03
MW-3	09/16/2004	<500	<5.0	<5.0	<5.0	<10	1,000	<20	<20	<20	75	18.08	14.70	3.38
MW-3	12/29/2004	<250	2.8	<2.5	<2.5	<5.0	580	NA	NA	NA	NA	18.08	14.83	3.25
MW-3	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.08	9.60	8.48
MW-3	03/23/2005	<1,000	<10	<10	<10	<20	1,500	NA	NA	NA	NA	18.08	12.68	5.40
MW-3	05/18/2005	1,200	49	<10	47	<20	3,400	NA	NA	NA	NA	18.08	10.60	7.48
MW-3	08/16/2005	NA	NA	NA	NA	NA	330	NA	NA	NA	NA	18.08	15.22	2.86
MW-3	09/15/2005	<1,000	<10	<10	<10	<20	140	<40	<40	<40	180	18.08	15.30	2.78
MW-3	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**48**	**NA**	**NA**	**NA**	**NA**	**18.08**	**15.00**	**3.08**
MW-3	**12/13/2005**	**482**	**4.56**	**1.64 h**	**<0.500**	**<0.500**	**72.5**	**NA**	**NA**	**NA**	**273**	**18.08**	**11.18**	**6.90**
MW-4	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.64	NA
MW-4	05/20/2002	<1,000	<10	<10	<10	<10	4,600	NA	NA	NA	NA	NA	10.64	NA
MW-4	06/06/2002	<1,000	<10	<10	<10	<10	4,800	NA	NA	NA	NA	NA	10.61	NA
MW-4	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.07	6.96
MW-4	09/18/2002	<250	<2.5	<2.5	<2.5	<2.5	1,000	NA	NA	NA	NA	18.03	11.15	6.88
MW-4	12/12/2002	<100	<1.0	<1.0	<1.0	<1.0	370	NA	NA	NA	NA	18.03	11.13	6.90
MW-4	02/26/2003	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	18.03	10.61	7.42
MW-4	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.73	7.30
MW-4	06/13/2003	180 b	<0.50	110	<0.50	<1.0	2.3	NA	NA	NA	NA	18.03	10.88	7.15

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MW-4	09/26/2003	<5,000	<50	<50	<50	<100	13,000	NA	NA	NA	NA	18.03	11.58	6.45
MW-4	11/24/2003	<13,000	<130	<130	<130	<250	11,000	NA	NA	NA	NA	18.03	11.78	6.25
MW-4	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	18.03	9.47	8.56
MW-4	06/15/2004	<500	<5.0	<5.0	<5.0	<10	630	NA	NA	NA	NA	18.03	11.38	6.65
MW-4	09/16/2004	<100	<1.0	12	<1.0	<2.0	280	<4.0	<4.0	<4.0	280	18.03	11.80	6.23
MW-4	12/29/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	18.03	10.63	7.40
MW-4	02/28/2005	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	18.03	9.20	8.83
MW-4	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	9.43	8.60
MW-4	05/18/2005	1,900	<5.0	<5.0	16	97	910	NA	NA	NA	NA	18.03	9.75	8.28
MW-4	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.85	7.18
MW-4	09/15/2005	<2,500	<25	<25	<25	85	5,100	<100	<100	<100	400	18.03	11.30	6.73
MW-4	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**18.03**	**11.45**	**6.58**
MW-4	**12/13/2005**	**3,480**	**<0.500**	**1.54 h**	**<0.500**	**<0.500**	**2,490 j**	**NA**	**NA**	**NA**	**201**	**18.03**	**11.70**	**6.33**
MW-5	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.40	NA
MW-5	05/20/2002	<2,500	<25	<25	<25	<25	17,000	NA	NA	NA	NA	NA	10.41	NA
MW-5	06/06/2002	<5,000	<50	<50	<50	<50	15,000	NA	NA	NA	NA	NA	10.36	NA
MW-5	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/18/2002	<2,500	<25	<25	<25	<25	16,000	NA	NA	NA	NA	17.78	10.81	6.97
MW-5	12/12/2002	<2,500	<25	<25	<25	<25	13,000	NA	NA	NA	NA	17.78	10.83	6.95
MW-5	02/26/2003	<2,000	<20	<20	<20	<20	7,500	NA	NA	NA	NA	17.78	10.57	7.21
MW-5	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.69	7.09
MW-5	06/13/2003	<2,500	<25	<25	<25	<50	4,400	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/26/2003	<2,500	<25	<25	<25	<50	4,700	NA	NA	NA	NA	17.78	11.49	6.29
MW-5	11/24/2003	<10,000	<100	<100	<100	<200	7,100	NA	NA	NA	NA	17.78	11.70	6.08
MW-5	03/01/2004	<2,000	<20	<20	<20	<40	2,800	NA	NA	NA	NA	17.78	9.68	8.10
MW-5	06/15/2004	<2,000	<20	<20	<20	<40	2,100	NA	NA	NA	NA	17.78	11.28	6.50
MW-5	09/16/2004	<2,000	<20	<20	<20	<40	2,200	<80	<80	<80	2,800	17.78	11.62	6.16

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MW-5	12/29/2004	<2,000	<20	<20	<20	<40	3,700	NA	NA	NA	NA	17.78	11.11	6.67
MW-5	02/28/2005	<200	<2.0	<2.0	<2.0	<4.0	740	NA	NA	NA	NA	17.78	9.50	8.28
MW-5	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	9.70	8.08
MW-5	05/18/2005	<50 g	<0.50	<0.50	<0.50	<1.0	180	NA	NA	NA	NA	17.78	9.49	8.29
MW-5	06/17/2005	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	9.89	7.89
MW-5	07/15/2005	NA	NA	NA	NA	NA	350	NA	NA	NA	NA	17.78	10.20	7.58
MW-5	08/16/2005	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	10.50	7.28
MW-5	09/15/2005	<250	<2.5	<2.5	<2.5	<5.0	500	<10	<10	<10	670	17.78	10.96	6.82
MW-5	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**260**	**NA**	**NA**	**NA**	**NA**	**17.78**	**11.22**	**6.56**
MW-5	**12/13/2005**	**438**	**<0.500**	**1.49 h**	**<0.500**	**<0.500**	**167**	**NA**	**NA**	**NA**	**452**	**17.78**	**11.05**	**6.73**
MW-6	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	18.10	NA	NA
MW-6	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	13.80	4.30
MW-6	04/15/2003	14,000	<250	<250	<250	<500	41,000	NA	NA	NA	NA	18.10	15.05	3.05
MW-6	06/13/2003	<10,000	<100	<100	<100	<200	27,000	NA	NA	NA	NA	18.10	14.42	3.68
MW-6	09/26/2003	<5,000	<50	<50	<50	<100	11,000	NA	NA	NA	NA	18.05	18.35 c	NA
MW-6	11/24/2003	<10,000	<100	<100	<100	<200	5,000	NA	NA	NA	NA	18.05	14.68	3.37
MW-6	03/01/2004	<1,000	<10	<10	<10	<20	2,500	NA	NA	NA	NA	18.05	9.84	8.21
MW-6	06/15/2004	<1,000	<10	<10	<10	<20	2,800	NA	NA	NA	NA	18.05	14.82	3.23
MW-6	09/16/2004	<1,000	<10	<10	<10	<20	830	<40	<40	<40	610	18.05	14.20	3.85
MW-6	12/29/2004	<200	<2.0	<2.0	<2.0	<4.0	530	NA	NA	NA	NA	18.05	14.78	3.27
MW-6	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.05	9.58	8.47
MW-6	03/23/2005	290 f	<2.0	<2.0	<2.0	<4.0	590	NA	NA	NA	NA	18.05	14.22	3.83
MW-6	05/18/2005	390	8.7	<0.50	0.93	9.0	68	NA	NA	NA	NA	18.05	9.79	8.26
MW-6	08/16/2005	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	18.05	10.64	7.41
MW-6	09/15/2005	<500	<5.0	<5.0	<5.0	<10	45	<20	<20	<20	21,000 e	18.05	11.83	6.22
MW-6	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**31**	**NA**	**NA**	**NA**	**NA**	**18.05**	**11.31**	**6.74**
MW-6	**12/13/2005**	**982**	**<0.500**	**1.36 h**	**<0.500**	**<0.500**	**35.1**	**NA**	**NA**	**NA**	**11,300 i**	**18.05**	**11.22**	**6.83**

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MW-7	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	19.16	NA	NA
MW-7	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	13.85	5.31
MW-7	04/15/2003	6,000	<100	<100	<100	<200	19,000	NA	NA	NA	NA	19.16	13.95	5.21
MW-7	06/13/2003	<5,000	<50	<50	<50	<100	5,700	NA	NA	NA	NA	19.16	13.92	5.24
MW-7	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	110	NA	NA	NA	NA	19.13	13.85	5.28
MW-7	11/24/2003	<50	<0.50	0.59	<0.50	1.7	7.6	NA	NA	NA	NA	19.13	13.99	5.14
MW-7	03/01/2004	67 b	<0.50	<0.50	<0.50	<1.0	120	NA	NA	NA	NA	19.13	10.85	8.28
MW-7	06/15/2004	120 b	<0.50	<0.50	<0.50	<1.0	89	NA	NA	NA	NA	19.13	13.27	5.86
MW-7	09/16/2004	<500	<5.0	<5.0	<5.0	<10	130	<20	<20	<20	4,700	19.13	12.83	6.30
MW-7	12/29/2004	<500	<5.0	<5.0	<5.0	<10	130	NA	NA	NA	NA	19.13	11.82	7.31
MW-7	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	10.59	8.54
MW-7	03/23/2005	<1,000	<10	<10	<10	<20	16	NA	NA	NA	NA	19.13	11.16	7.97
MW-7	05/18/2005	67 g	<0.50	<0.50	<0.50	<1.0	12	NA	NA	NA	NA	19.13	10.42	8.71
MW-7	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	11.52	7.61
MW-7	09/15/2005	<500	<5.0	<5.0	<5.0	<10	75	<20	<20	<20	16,000	19.13	11.95	7.18
MW-7	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**19.13**	**12.23**	**6.90**
MW-7	**12/13/2005**	**1,210**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**19.1**	**NA**	**NA**	**NA**	**14,600 i**	**19.13**	**12.15**	**6.98**
MW-8	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	18.72	NA	NA
MW-8	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	14.13	4.59
MW-8	04/15/2003	890	29	22	15	71	430	NA	NA	NA	NA	18.72	14.10	4.62
MW-8	06/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	13.94	4.78
MW-8	09/26/2003	<250	55	51	33	140	330	NA	NA	NA	NA	18.71	14.21	4.50
MW-8	11/24/2003	<5,000	<50	<50	<50	<100	5,600	NA	NA	NA	NA	18.71	14.16	4.55
MW-8	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	12	NA	NA	NA	NA	18.71	10.34	8.37
MW-8	06/15/2004	2,800	170	240	140	560	440	NA	NA	NA	NA	18.71	13.88	4.83
MW-8	09/16/2004	2,500	180	200	120	490	480	<10	<10	<10	260	18.71	13.92	4.79

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MW-8	12/29/2004	4,400	360	600	280	1,400	690	NA	NA	NA	NA	18.71	13.44	5.27
MW-8	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.15	8.56
MW-8	03/23/2005	2,800	120	190	110	420	300	NA	NA	NA	NA	18.71	13.79	4.92
MW-8	05/18/2005	250	34	3.4	6.6	27	110	NA	NA	NA	NA	18.71	10.85	7.86
MW-8	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.95	7.76
MW-8	09/15/2005	460 f	54	21	24	92	250	<4.0	<4.0	<4.0	130	18.71	11.38	7.33
MW-8	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**18.71**	**11.75**	**6.96**
MW-8	**12/13/2005**	**1,180**	**49.6**	**4.89 h**	**15.2**	**76.0**	**320 j**	**NA**	**NA**	**NA**	**1,870**	**18.71**	**11.80**	**6.91**
MW-9	03/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.19	7.59
MW-9	04/15/2003	420	<2.5	<2.5	<2.5	6.3	37	NA	NA	NA	NA	18.78	11.24	7.54
MW-9	06/13/2003	290 b	<0.50	<0.50	<0.50	2.6	34	NA	NA	NA	NA	18.78	11.39	7.39
MW-9	09/26/2003	540 b	<0.50	<0.50	<0.50	9.2	21	NA	NA	NA	NA	18.78	12.12	6.66
MW-9	11/24/2003	650 d	<0.50	<0.50	<0.50	6.3	14	NA	NA	NA	NA	18.78	12.30	6.48
MW-9	03/01/2004	230 d	<0.50	<0.50	<0.50	1.7	7.7	NA	NA	NA	NA	18.78	10.45	8.33
MW-9	06/15/2004	280	<0.50	<0.50	<0.50	1.9	8.3	NA	NA	NA	NA	18.78	11.88	6.90
MW-9	09/16/2004	260	<0.50	<0.50	<0.50	1.5	3.9	<2.0	<2.0	<2.0	<5.0	18.78	12.26	6.52
MW-9	12/29/2004	220	<0.50	<0.50	<0.50	1.2	3.5	NA	NA	NA	NA	18.78	11.76	7.02
MW-9	02/28/2005	140 g	<0.50	<0.50	<0.50	<1.0	1.5	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	10.14	8.64
MW-9	05/18/2005	210 g	<0.50	<0.50	<0.50	<1.0	2.8	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.25	7.53
MW-9	09/15/2005	230 g	<0.50	<0.50	<0.50	1.1	2.6	<2.0	<2.0	<2.0	<5.0	18.78	11.75	7.03
MW-9	**10/26/2005**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**18.78**	**11.97**	**6.81**
MW-9	**12/13/2005**	**504**	**<0.500**	**<0.500**	**<0.500**	**2.53**	**2.88**	**NA**	**NA**	**NA**	**NA**	**18.78**	**11.92**	**6.86**

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA

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

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 28, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 28, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA

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

Notes:

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

b = Hydrocarbon reported does not match the labaratory standard.

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

d = Sample contains discrete peaks in addition to gasoline.

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

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

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

h = Analyte was detected in the associated Method Blank.

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

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

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

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

Wells MW-2, MW-3, MW-6, MW-7, and MW-8 surveyed September 23, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

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

January 05, 2006

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

Work Order: NOL1972
Project Name: 610 Market Street, Oakland, CA
Project Nbr: 98995750
Date Received: 12/15/05

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NOL1972-01	12/13/05 11:12
MW-2	NOL1972-02	12/13/05 10:42
MW-3	NOL1972-03	12/13/05 09:30
MW-4	NOL1972-04	12/13/05 09:58
MW-5	NOL1972-05	12/13/05 10:18
MW-6	NOL1972-06	12/13/05 12:56
MW-7	NOL1972-07	12/13/05 12:35
MW-8	NOL1972-08	12/13/05 12:02
MW-9	NOL1972-09	12/13/05 11:32

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

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

Report Approved By:

Gail A Lage

Gail A Lage
Senior Project Manager

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

Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NOL1972-01 (MW-1 - Ground Water) Sampled: 12/13/05 11:12								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**7.55**		ug/L	0.500	1	12/25/05 00:37	SW846 8260B	5124731
Ethylbenzene	**2.39**		ug/L	0.500	1	12/25/05 00:37	SW846 8260B	5124731
Methyl tert-Butyl Ether	**18.6**		ug/L	0.500	1	12/25/05 00:37	SW846 8260B	5124731
Toluene	**2.14**		ug/L	0.500	1	12/25/05 00:37	SW846 8260B	5124731
Xylenes, total	**2.73**		ug/L	0.500	1	12/25/05 00:37	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*106 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*108 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	12/25/05 00:37	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*106 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*106 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*108 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*106 %*					*12/25/05 00:37*	*SW846 8260B*	*5124731*
Sample ID: NOL1972-02 (MW-2 - Ground Water) Sampled: 12/13/05 10:42								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	12/25/05 00:59	SW846 8260B	5124731
Ethylbenzene	ND		ug/L	0.500	1	12/25/05 00:59	SW846 8260B	5124731
Methyl tert-Butyl Ether	**2.11**		ug/L	0.500	1	12/25/05 00:59	SW846 8260B	5124731
Toluene	**1.66**		ug/L	0.500	1	12/25/05 00:59	SW846 8260B	5124731
Xylenes, total	ND		ug/L	0.500	1	12/25/05 00:59	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*107 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	12/25/05 00:59	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*107 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*106 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*107 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*106 %*					*12/25/05 00:59*	*SW846 8260B*	*5124731*
Sample ID: NOL1972-03 (MW-3 - Ground Water) Sampled: 12/13/05 09:30								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	**4.56**		ug/L	0.500	1	12/25/05 01:22	SW846 8260B	5124731
Methyl tert-Butyl Ether	**72.5**		ug/L	0.500	1	12/25/05 01:22	SW846 8260B	5124731
Ethylbenzene	ND		ug/L	0.500	1	12/25/05 01:22	SW846 8260B	5124731
Toluene	**1.64**	B	ug/L	0.500	1	12/25/05 01:22	SW846 8260B	5124731
Xylenes, total	ND		ug/L	0.500	1	12/25/05 01:22	SW846 8260B	5124731
Tertiary Butyl Alcohol	**273**		ug/L	10.0	1	12/25/05 01:22	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*106 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*

TestAmerica
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Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NOL1972-03 (MW-3 - Ground Water) - cont. Sampled: 12/13/05 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Toluene-d8 (78-121%)	*107 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*108 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**482**		ug/L	50.0	1	12/25/05 01:22	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*106 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*108 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*107 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*108 %*					*12/25/05 01:22*	*SW846 8260B*	*5124731*
Sample ID: NOL1972-04 (MW-4 - Ground Water) Sampled: 12/13/05 09:58								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	12/25/05 01:44	SW846 8260B	5124731
Methyl tert-Butyl Ether	**2490**	H2	ug/L	10.0	20	12/30/05 22:06	SW846 8260B	5125667
Ethylbenzene	ND		ug/L	0.500	1	12/25/05 01:44	SW846 8260B	5124731
Toluene	**1.54**	B	ug/L	0.500	1	12/25/05 01:44	SW846 8260B	5124731
Xylenes, total	ND		ug/L	0.500	1	12/25/05 01:44	SW846 8260B	5124731
Tertiary Butyl Alcohol	**201**		ug/L	10.0	1	12/25/05 01:44	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*					*12/30/05 22:06*	*SW846 8260B*	*5125667*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*12/30/05 22:06*	*SW846 8260B*	*5125667*
Surr: Toluene-d8 (78-121%)	*105 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*107 %*					*12/30/05 22:06*	*SW846 8260B*	*5125667*
Surr: 4-Bromofluorobenzene (78-126%)	*107 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*105 %*					*12/30/05 22:06*	*SW846 8260B*	*5125667*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**3480**		ug/L	50.0	1	12/25/05 01:44	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*101 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*104 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*105 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*107 %*					*12/25/05 01:44*	*SW846 8260B*	*5124731*
Sample ID: NOL1972-05 (MW-5 - Ground Water) Sampled: 12/13/05 10:18								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	12/25/05 02:06	SW846 8260B	5124731
Methyl tert-Butyl Ether	**167**		ug/L	0.500	1	12/25/05 02:06	SW846 8260B	5124731
Ethylbenzene	ND		ug/L	0.500	1	12/25/05 02:06	SW846 8260B	5124731
Toluene	**1.49**	B	ug/L	0.500	1	12/25/05 02:06	SW846 8260B	5124731
Xylenes, total	ND		ug/L	0.500	1	12/25/05 02:06	SW846 8260B	5124731
Tertiary Butyl Alcohol	**452**		ug/L	10.0	1	12/25/05 02:06	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*106 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*109 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*107 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*

Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NOL1972-05 (MW-5 - Ground Water) - cont. Sampled: 12/13/05 10:18								
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**438**		ug/L	50.0	1	12/25/05 02:06	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*106 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*104 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*109 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*107 %*					*12/25/05 02:06*	*SW846 8260B*	*5124731*
Sample ID: NOL1972-06 (MW-6 - Ground Water) Sampled: 12/13/05 12:56								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	12/25/05 02:28	SW846 8260B	5124731
Methyl tert-Butyl Ether	**35.1**		ug/L	0.500	1	12/25/05 02:28	SW846 8260B	5124731
Ethylbenzene	ND		ug/L	0.500	1	12/25/05 02:28	SW846 8260B	5124731
Toluene	**1.36**	B	ug/L	0.500	1	12/25/05 02:28	SW846 8260B	5124731
Xylenes, total	ND		ug/L	0.500	1	12/25/05 02:28	SW846 8260B	5124731
Tertiary Butyl Alcohol	**11300**	E3	ug/L	10.0	1	12/25/05 02:28	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*106 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*104 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**982**		ug/L	50.0	1	12/25/05 02:28	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*102 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*104 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*106 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*104 %*					*12/25/05 02:28*	*SW846 8260B*	*5124731*
Sample ID: NOL1972-07 (MW-7 - Ground Water) Sampled: 12/13/05 12:35								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	12/25/05 02:50	SW846 8260B	5124731
Methyl tert-Butyl Ether	**19.1**		ug/L	0.500	1	12/25/05 02:50	SW846 8260B	5124731
Ethylbenzene	ND		ug/L	0.500	1	12/25/05 02:50	SW846 8260B	5124731
Toluene	ND		ug/L	0.500	1	12/25/05 02:50	SW846 8260B	5124731
Xylenes, total	ND		ug/L	0.500	1	12/25/05 02:50	SW846 8260B	5124731
Tertiary Butyl Alcohol	**14600**	E3	ug/L	10.0	1	12/25/05 02:50	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*109 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*108 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**1210**		ug/L	50.0	1	12/25/05 02:50	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*102 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*104 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*109 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*108 %*					*12/25/05 02:50*	*SW846 8260B*	*5124731*

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

Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NOL1972-08 (MW-8 - Ground Water) Sampled: 12/13/05 12:02								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	**49.6**		ug/L	0.500	1	12/25/05 03:13	SW846 8260B	5124731
Methyl tert-Butyl Ether	**320**	H2	ug/L	2.50	5	12/30/05 23:13	SW846 8260B	5125667
Ethylbenzene	**15.2**		ug/L	0.500	1	12/25/05 03:13	SW846 8260B	5124731
Toluene	**4.89**	B	ug/L	0.500	1	12/25/05 03:13	SW846 8260B	5124731
Xylenes, total	**76.0**		ug/L	0.500	1	12/25/05 03:13	SW846 8260B	5124731
Tertiary Butyl Alcohol	**1870**		ug/L	10.0	1	12/25/05 03:13	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*104 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*					*12/30/05 23:13*	*SW846 8260B*	*5125667*
Surr: Dibromofluoromethane (79-122%)	*107 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*12/30/05 23:13*	*SW846 8260B*	*5125667*
Surr: Toluene-d8 (78-121%)	*108 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*105 %*					*12/30/05 23:13*	*SW846 8260B*	*5125667*
Surr: 4-Bromofluorobenzene (78-126%)	*102 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*12/30/05 23:13*	*SW846 8260B*	*5125667*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**1180**		ug/L	50.0	1	12/25/05 03:13	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*104 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*107 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*108 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*102 %*					*12/25/05 03:13*	*SW846 8260B*	*5124731*
Sample ID: NOL1972-09 (MW-9 - Ground Water) Sampled: 12/13/05 11:32								
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	12/25/05 03:35	SW846 8260B	5124731
Ethylbenzene	ND		ug/L	0.500	1	12/25/05 03:35	SW846 8260B	5124731
Methyl tert-Butyl Ether	**2.88**		ug/L	0.500	1	12/25/05 03:35	SW846 8260B	5124731
Toluene	ND		ug/L	0.500	1	12/25/05 03:35	SW846 8260B	5124731
Xylenes, total	**2.53**		ug/L	0.500	1	12/25/05 03:35	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*					*12/30/05 20:59*	*SW846 8260B*	*5125667*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (79-122%)	*107 %*					*12/30/05 20:59*	*SW846 8260B*	*5125667*
Surr: Toluene-d8 (78-121%)	*106 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (78-121%)	*105 %*					*12/30/05 20:59*	*SW846 8260B*	*5125667*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*12/30/05 20:59*	*SW846 8260B*	*5125667*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**504**		ug/L	50.0	1	12/25/05 03:35	SW846 8260B	5124731
Surr: 1,2-Dichloroethane-d4 (0-200%)	*101 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*
Surr: Dibromofluoromethane (0-200%)	*105 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*
Surr: Toluene-d8 (0-200%)	*106 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*
Surr: 4-Bromofluorobenzene (0-200%)	*109 %*					*12/25/05 03:35*	*SW846 8260B*	*5124731*

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Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
5124731-BLK1						
Benzene	<0.200		ug/L	5124731	5124731-BLK1	12/24/05 21:17
Methyl tert-Butyl Ether	<0.200		ug/L	5124731	5124731-BLK1	12/24/05 21:17
Ethylbenzene	<0.200		ug/L	5124731	5124731-BLK1	12/24/05 21:17
Methyl tert-Butyl Ether	<0.200		ug/L	5124731	5124731-BLK1	12/24/05 21:17
Toluene	1.46	B	ug/L	5124731	5124731-BLK1	12/24/05 21:17
Tertiary Butyl Alcohol	<5.06		ug/L	5124731	5124731-BLK1	12/24/05 21:17
Xylenes, total	<0.350		ug/L	5124731	5124731-BLK1	12/24/05 21:17
Surrogate: 1,2-Dichloroethane-d4	103%			5124731	5124731-BLK1	12/24/05 21:17
Surrogate: Dibromofluoromethane	105%			5124731	5124731-BLK1	12/24/05 21:17
Surrogate: Toluene-d8	105%			5124731	5124731-BLK1	12/24/05 21:17
Surrogate: 4-Bromofluorobenzene	108%			5124731	5124731-BLK1	12/24/05 21:17
5125667-BLK1						
Benzene	<0.200		ug/L	5125667	5125667-BLK1	12/30/05 14:45
Methyl tert-Butyl Ether	<0.200		ug/L	5125667	5125667-BLK1	12/30/05 14:45
Ethylbenzene	<0.200		ug/L	5125667	5125667-BLK1	12/30/05 14:45
Methyl tert-Butyl Ether	<0.200		ug/L	5125667	5125667-BLK1	12/30/05 14:45
Toluene	<0.200		ug/L	5125667	5125667-BLK1	12/30/05 14:45
Tertiary Butyl Alcohol	<5.06		ug/L	5125667	5125667-BLK1	12/30/05 14:45
Xylenes, total	<0.350		ug/L	5125667	5125667-BLK1	12/30/05 14:45
Surrogate: 1,2-Dichloroethane-d4	101%			5125667	5125667-BLK1	12/30/05 14:45
Surrogate: Dibromofluoromethane	106%			5125667	5125667-BLK1	12/30/05 14:45
Surrogate: Toluene-d8	108%			5125667	5125667-BLK1	12/30/05 14:45
Surrogate: 4-Bromofluorobenzene	104%			5125667	5125667-BLK1	12/30/05 14:45
Purgeable Petroleum Hydrocarbons						
5124731-BLK1						
Gasoline Range Organics	<50.0		ug/L	5124731	5124731-BLK1	12/24/05 21:17
Surrogate: 1,2-Dichloroethane-d4	103%			5124731	5124731-BLK1	12/24/05 21:17
Surrogate: Dibromofluoromethane	105%			5124731	5124731-BLK1	12/24/05 21:17
Surrogate: Toluene-d8	105%			5124731	5124731-BLK1	12/24/05 21:17
Surrogate: 4-Bromofluorobenzene	108%			5124731	5124731-BLK1	12/24/05 21:17

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Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
5124731-BS1								
Benzene	50.0	54.8		ug/L	110%	79 - 123	5124731	12/24/05 20:10
Methyl tert-Butyl Ether	50.0	53.8		ug/L	108%	66 - 142	5124731	12/24/05 20:10
Ethylbenzene	50.0	50.6		ug/L	101%	79 - 125	5124731	12/24/05 20:10
Methyl tert-Butyl Ether	50.0	53.8		ug/L	108%	66 - 142	5124731	12/24/05 20:10
Toluene	50.0	52.7		ug/L	105%	78 - 122	5124731	12/24/05 20:10
Tertiary Butyl Alcohol	500	607		ug/L	121%	42 - 154	5124731	12/24/05 20:10
Xylenes, total	150	156		ug/L	104%	79 - 130	5124731	12/24/05 20:10
Surrogate: 1,2-Dichloroethane-d4	50.0	51.8			104%	70 - 130	5124731	12/24/05 20:10
Surrogate: Dibromofluoromethane	50.0	52.3			105%	79 - 122	5124731	12/24/05 20:10
Surrogate: Toluene-d8	50.0	52.1			104%	78 - 121	5124731	12/24/05 20:10
Surrogate: 4-Bromofluorobenzene	50.0	56.1			112%	78 - 126	5124731	12/24/05 20:10
5125667-BS1								
Benzene	50.0	53.5		ug/L	107%	79 - 123	5125667	12/30/05 13:39
Methyl tert-Butyl Ether	50.0	52.5		ug/L	105%	66 - 142	5125667	12/30/05 13:39
Ethylbenzene	50.0	50.5		ug/L	101%	79 - 125	5125667	12/30/05 13:39
Methyl tert-Butyl Ether	50.0	52.5		ug/L	105%	66 - 142	5125667	12/30/05 13:39
Toluene	50.0	52.2		ug/L	104%	78 - 122	5125667	12/30/05 13:39
Tertiary Butyl Alcohol	500	535		ug/L	107%	42 - 154	5125667	12/30/05 13:39
Xylenes, total	150	158		ug/L	105%	79 - 130	5125667	12/30/05 13:39
Surrogate: 1,2-Dichloroethane-d4	50.0	53.2			106%	70 - 130	5125667	12/30/05 13:39
Surrogate: Dibromofluoromethane	50.0	52.8			106%	79 - 122	5125667	12/30/05 13:39
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	5125667	12/30/05 13:39
Surrogate: 4-Bromofluorobenzene	50.0	52.6			105%	78 - 126	5125667	12/30/05 13:39
Purgeable Petroleum Hydrocarbons								
5124731-BS1								
Gasoline Range Organics	3050	3020		ug/L	99%	67 - 130	5124731	12/24/05 20:10
Surrogate: 1,2-Dichloroethane-d4	50.0	51.8			104%	70 - 130	5124731	12/24/05 20:10
Surrogate: Dibromofluoromethane	50.0	52.3			105%	70 - 130	5124731	12/24/05 20:10
Surrogate: Toluene-d8	50.0	52.1			104%	70 - 130	5124731	12/24/05 20:10
Surrogate: 4-Bromofluorobenzene	50.0	56.1			112%	70 - 130	5124731	12/24/05 20:10

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Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
5124731-MS1										
Benzene	42.9	102		ug/L	50.0	118%	71 - 137	5124731	NOL1717-01	12/25/05 04:42
Methyl tert-Butyl Ether	801	1.00E9	MHA	ug/L	50.0	2000000000%	55 - 152	5124731	NOL1717-01	12/25/05 04:42
Ethylbenzene	2.72	59.2		ug/L	50.0	113%	72 - 139	5124731	NOL1717-01	12/25/05 04:42
Methyl tert-Butyl Ether	801	1.00E9	MHA	ug/L	50.0	2000000000%	55 - 152	5124731	NOL1717-01	12/25/05 04:42
Toluene	16.0	62.0		ug/L	50.0	92%	73 - 133	5124731	NOL1717-01	12/25/05 04:42
Tertiary Butyl Alcohol	74.7	1080	MHA	ug/L	500	201%	19 - 183	5124731	NOL1717-01	12/25/05 04:42
Xylenes, total	13.6	183		ug/L	150	113%	70 - 143	5124731	NOL1717-01	12/25/05 04:42
Surrogate: 1,2-Dichloroethane-d4		53.8		ug/L	50.0	108%	70 - 130	5124731	NOL1717-01	12/25/05 04:42
Surrogate: Dibromofluoromethane		55.4		ug/L	50.0	111%	79 - 122	5124731	NOL1717-01	12/25/05 04:42
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	78 - 121	5124731	NOL1717-01	12/25/05 04:42
Surrogate: 4-Bromofluorobenzene		52.1		ug/L	50.0	104%	78 - 126	5124731	NOL1717-01	12/25/05 04:42
5124731-MS2										
Benzene	1310	1.00E9	MHA	ug/L	50.0	2000000000%	71 - 137	5124731	NOL1717-05	12/25/05 05:26
Methyl tert-Butyl Ether	565	1.00E9	MHA	ug/L	50.0	2000000000%	55 - 152	5124731	NOL1717-05	12/25/05 05:26
Ethylbenzene	801	1.00E9	MHA	ug/L	50.0	2000000000%	72 - 139	5124731	NOL1717-05	12/25/05 05:26
Methyl tert-Butyl Ether	565	1.00E9	MHA	ug/L	50.0	2000000000%	55 - 152	5124731	NOL1717-05	12/25/05 05:26
Toluene	2420	1.00E9	MHA	ug/L	50.0	2000000000%	73 - 133	5124731	NOL1717-05	12/25/05 05:26
Tertiary Butyl Alcohol	113	927		ug/L	500	163%	19 - 183	5124731	NOL1717-05	12/25/05 05:26
Xylenes, total	2450	1.00E9	MHA	ug/L	150	667000000%	70 - 143	5124731	NOL1717-05	12/25/05 05:26
Surrogate: 1,2-Dichloroethane-d4		51.7		ug/L	50.0	103%	70 - 130	5124731	NOL1717-05	12/25/05 05:26
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122	5124731	NOL1717-05	12/25/05 05:26
Surrogate: Toluene-d8		51.0		ug/L	50.0	102%	78 - 121	5124731	NOL1717-05	12/25/05 05:26
Surrogate: 4-Bromofluorobenzene		55.1		ug/L	50.0	110%	78 - 126	5124731	NOL1717-05	12/25/05 05:26
Purgeable Petroleum Hydrocarbons										
5124731-MS1										
Gasoline Range Organics	2070	4660		ug/L	3050	85%	60 - 140	5124731	NOL1717-01	12/25/05 04:42
Surrogate: 1,2-Dichloroethane-d4		53.8		ug/L	50.0	108%	0 - 200	5124731	NOL1717-01	12/25/05 04:42
Surrogate: Dibromofluoromethane		55.4		ug/L	50.0	111%	0 - 200	5124731	NOL1717-01	12/25/05 04:42
Surrogate: Toluene-d8		52.9		ug/L	50.0	106%	0 - 200	5124731	NOL1717-01	12/25/05 04:42
Surrogate: 4-Bromofluorobenzene		52.1		ug/L	50.0	104%	0 - 200	5124731	NOL1717-01	12/25/05 04:42
5124731-MS2										
Gasoline Range Organics	35200	42800	M7	ug/L	3050	249%	60 - 140	5124731	NOL1717-05	12/25/05 05:26
Surrogate: 1,2-Dichloroethane-d4		51.7		ug/L	50.0	103%	0 - 200	5124731	NOL1717-05	12/25/05 05:26
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	0 - 200	5124731	NOL1717-05	12/25/05 05:26
Surrogate: Toluene-d8		51.0		ug/L	50.0	102%	0 - 200	5124731	NOL1717-05	12/25/05 05:26

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Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons										
5124731-MS2										
Surrogate: 4-Bromofluorobenzene		55.1		ug/L	50.0	110%	0 - 200	5124731	NOL1717-05	12/25/05 05:26

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	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

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
Selected Volatile Organic Compounds by EPA Method 8260B												
5124731-MSD1												
Benzene	42.9	101		ug/L	50.0	116%	71 - 137	1	23	5124731	NOL1717-01	12/25/05 05:04
Methyl tert-Butyl Ether	801	999	MHA	ug/L	50.0	396%	55 - 152	200	27	5124731	NOL1717-01	12/25/05 05:04
Ethylbenzene	2.72	60.6		ug/L	50.0	116%	72 - 139	2	23	5124731	NOL1717-01	12/25/05 05:04
Methyl tert-Butyl Ether	801	999	MHA	ug/L	50.0	396%	55 - 152	200	27	5124731	NOL1717-01	12/25/05 05:04
Toluene	16.0	63.0		ug/L	50.0	94%	73 - 133	2	25	5124731	NOL1717-01	12/25/05 05:04
Tertiary Butyl Alcohol	74.7	948		ug/L	500	175%	19 - 183	13	39	5124731	NOL1717-01	12/25/05 05:04
Xylenes, total	13.6	184		ug/L	150	114%	70 - 143	0.5	27	5124731	NOL1717-01	12/25/05 05:04
Surrogate: 1,2-Dichloroethane-d4		55.1		ug/L	50.0	110%	70 - 130			5124731	NOL1717-01	12/25/05 05:04
Surrogate: Dibromofluoromethane		54.5		ug/L	50.0	109%	79 - 122			5124731	NOL1717-01	12/25/05 05:04
Surrogate: Toluene-d8		54.2		ug/L	50.0	108%	78 - 121			5124731	NOL1717-01	12/25/05 05:04
Surrogate: 4-Bromofluorobenzene		54.3		ug/L	50.0	109%	78 - 126			5124731	NOL1717-01	12/25/05 05:04
5124731-MSD2												
Benzene	1310	999	MHA	ug/L	50.0	-622%	71 - 137	200	23	5124731	NOL1717-05	12/25/05 05:48
Methyl tert-Butyl Ether	565	999	MHA	ug/L	50.0	868%	55 - 152	200	27	5124731	NOL1717-05	12/25/05 05:48
Ethylbenzene	801	999	MHA	ug/L	50.0	396%	72 - 139	200	23	5124731	NOL1717-05	12/25/05 05:48
Methyl tert-Butyl Ether	565	999	MHA	ug/L	50.0	868%	55 - 152	200	27	5124731	NOL1717-05	12/25/05 05:48
Toluene	2420	999	MHA	ug/L	50.0	-2840%	73 - 133	200	25	5124731	NOL1717-05	12/25/05 05:48
Tertiary Butyl Alcohol	113	940		ug/L	500	165%	19 - 183	1	39	5124731	NOL1717-05	12/25/05 05:48
Xylenes, total	2450	999	MHA	ug/L	150	-967%	70 - 143	200	27	5124731	NOL1717-05	12/25/05 05:48
Surrogate: 1,2-Dichloroethane-d4		50.2		ug/L	50.0	100%	70 - 130			5124731	NOL1717-05	12/25/05 05:48
Surrogate: Dibromofluoromethane		52.2		ug/L	50.0	104%	79 - 122			5124731	NOL1717-05	12/25/05 05:48
Surrogate: Toluene-d8		50.2		ug/L	50.0	100%	78 - 121			5124731	NOL1717-05	12/25/05 05:48
Surrogate: 4-Bromofluorobenzene		55.0		ug/L	50.0	110%	78 - 126			5124731	NOL1717-05	12/25/05 05:48
Purgeable Petroleum Hydrocarbons												
5124731-MSD1												
Gasoline Range Organics	2070	4650		ug/L	3050	85%	60 - 140	0.2	40	5124731	NOL1717-01	12/25/05 05:04
Surrogate: 1,2-Dichloroethane-d4		55.1		ug/L	50.0	110%	0 - 200			5124731	NOL1717-01	12/25/05 05:04
Surrogate: Dibromofluoromethane		54.5		ug/L	50.0	109%	0 - 200			5124731	NOL1717-01	12/25/05 05:04
Surrogate: Toluene-d8		54.2		ug/L	50.0	108%	0 - 200			5124731	NOL1717-01	12/25/05 05:04
Surrogate: 4-Bromofluorobenzene		54.3		ug/L	50.0	109%	0 - 200			5124731	NOL1717-01	12/25/05 05:04
5124731-MSD2												
Gasoline Range Organics	35200	40600	M7	ug/L	3050	177%	60 - 140	5	40	5124731	NOL1717-05	12/25/05 05:48
Surrogate: 1,2-Dichloroethane-d4		50.2		ug/L	50.0	100%	0 - 200			5124731	NOL1717-05	12/25/05 05:48
Surrogate: Dibromofluoromethane		52.2		ug/L	50.0	104%	0 - 200			5124731	NOL1717-05	12/25/05 05:48
Surrogate: Toluene-d8		50.2		ug/L	50.0	100%	0 - 200			5124731	NOL1717-05	12/25/05 05:48
Surrogate: 4-Bromofluorobenzene		55.0		ug/L	50.0	110%	0 - 200			5124731	NOL1717-05	12/25/05 05:48

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

Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
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. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
SW846 8260B	Water	Gasoline Range Organics

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

Client	Cambria Env. Tech. Inc. / Shell (13675) Emeryville	Work Order:	NOL1972
	5900 Hollis Street, Suite A	Project Name:	610 Market Street, Oakland, CA
	Emeryville, CA 94608	Project Number:	98995750
Attn	Anni Kreml	Received:	12/15/05 08:15

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not peformed due to holding time requirements.
H2	Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

COOLER RECEIPT FORM

BC#

NOL1972

Client Name :

Cooler Received/Opened On: 12-15-05 Accessioned By: Lori Farthing

Lori Farthing
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2.8° Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO....NA
   a. If yes, how many and where: 1 front
3. Were custody seals on containers?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert Ziplock baggies Paper Other None
9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry Ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
    b. Was there any observable head space present in any VOA vial?..... YES...NO...NA
15. Was sufficient amount of sample sent in each container?..... NO...YES...NA
16. Were correct preservatives used?..... YES...NO...NA
    If not, record standard ID of preservative used here
17. Was residual chlorine present?..... YES...NO...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

2270 0076

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

19. If a Non-Conformance exists, see attached or comments below: 2.8 2.8

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 4/5/05

LAB: Test America STL Other ________

Lab Identification (if necessary):
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Nashville, Tennesee
- ☐ STL
- ☐ Other (location) ________

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced:
- ☑ ENVIRONMENTAL SERVICES
- ☐ TECHNICAL SERVICES
- ☐ CRMT HOUSTON

Denis Brown

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

SAP or CRMT NUMBER (TS/CRMT):

DATE: 12/13/05

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 610 Market St., Oakland	State: CA
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		GLOBAL ID NO.: T0600102121	
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata		EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, Cambria, Emeryville Office	PHONE NO.: 510-420-3335
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: shell.em.edf@cambria-env.com	CONSULTANT PROJECT NO.: 051213-PC1 BTS #
E-MAIL: mninokata@blainetech.com		SAMPLER NAME(S) (Print): P. Cornish	LAB USE ONLY

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): ☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ 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 ☐

NOL1972

12/22/05 17:00

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015m)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes / TEMPERATURE ON RECEIPT C°
	MW-1	12/13/05	1112	W	3	x		x		x					NOL1972-01				
	MW-2		1042		3	x		x		x					-02				
	MW-3		930		3	x		x		x	x				-03				
	MW-4		958		3	x		x		x	x				-04				
	MW-5		1018		3	x		x		x	x				-05				
	MW-6		1256		3	x		x		x	x				-06				
	MW-7		1235		3	x		x		x	x				-07				
	MW-8		1202		3	x		x		x	x				-08				
	MW-9		1132		3	x		x		x					-09				

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature] SAMPLE CUSTODIAN	12/13/05	1424
[signature] SAMPLE CUSTODIAN	[signature]	12/13/05	1425
[signature]	[signature]	12/13/05	1525

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

SEVERN TRENT STL

Submission#: 2005-10-0570

Blaine Tech Services, Inc.

November 09, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Michael Ninokata

Project#: BTS#051026-BA1
Project: 98995750
Site: 610 Market Street, Oakland

Attached is our report for your samples received on 10/27/2005 13:15
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 12/11/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	10/26/2005 12:05	Water	1
MW-5	10/26/2005 11:50	Water	2
MW-6	10/26/2005 11:20	Water	3

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 10/26/2005 12:05
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-10-0570 - 1
Extracted: 10/31/2005 11:24
QC Batch#: 2005/10/31-1C.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	48	0.50	ug/L	1.00	10/31/2005 11:24	
Surrogate(s)						
1,2-Dichloroethane-d4	81.5	73-130	%	1.00	10/31/2005 11:24	
Toluene-d8	87.3	81-114	%	1.00	10/31/2005 11:24	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Prep(s): 5030B
Test(s): 8260B

Sample ID: **MW-5**
Lab ID: 2005-10-0570 - 2

Sampled: 10/26/2005 11:50
Extracted: 10/29/2005 20:53

Matrix: Water
QC Batch#: 2005/10/29-1B.71

Analysis Flag: L2, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	260	2.5	ug/L	5.00	10/29/2005 20:53	
Surrogate(s)						
1,2-Dichloroethane-d4	89.9	73-130	%	5.00	10/29/2005 20:53	
Toluene-d8	93.1	81-114	%	5.00	10/29/2005 20:53	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Prep(s): 5030B
Test(s): 8260B

Sample ID: **MW-6**
Lab ID: 2005-10-0570 - 3

Sampled: 10/26/2005 11:20
Extracted: 10/29/2005 21:20

Matrix: Water
QC Batch#: 2005/10/29-1B.71

Analysis Flag: L2, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	31	5.0	ug/L	10.00	10/29/2005 21:20	
Surrogate(s)						
1,2-Dichloroethane-d4	92.7	73-130	%	10.00	10/29/2005 21:20	
Toluene-d8	99.1	81-114	%	10.00	10/29/2005 21:20	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/10/29-1B.71

MB: 2005/10/29-1B.71-010

Date Extracted: 10/29/2005 12:10

Compound	Conc.	RL	Unit	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/29/2005 12:10	
Surrogates(s)					
1,2-Dichloroethane-d4	97.8	73-130	%	10/29/2005 12:10	
Toluene-d8	99.2	81-114	%	10/29/2005 12:10	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/10/31-1C.65

MB: 2005/10/31-1C.65-044

Date Extracted: 10/31/2005 08:44

Compound	Conc.	RL	Unit	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/31/2005 08:44	
Surrogates(s)					
1,2-Dichloroethane-d4	85.6	73-130	%	10/31/2005 08:44	
Toluene-d8	88.8	81-114	%	10/31/2005 08:44	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/10/29-1B.71**

LCS 2005/10/29-1B.71-017 Extracted: 10/29/2005 Analyzed: 10/29/2005 11:17

LCSD 2005/10/29-1B.71-044 Extracted: 10/29/2005 Analyzed: 10/29/2005 11:44

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.0	20.5	25	88.0	82.0	7.1	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	440	471	500	88.0	94.2		73-130			
Toluene-d8	515	559	500	103.0	111.8		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/10/31-1C.65**

LCS 2005/10/31-1C.65-018 Extracted: 10/31/2005 Analyzed: 10/31/2005 08:18

LCSD 2005/10/31-1C.65-009 Extracted: 10/31/2005 Analyzed: 10/31/2005 09:09

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.9	23.1	25	87.6	92.4	5.3	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	371	385	500	74.2	77.0		73-130			
Toluene-d8	445	446	500	89.0	89.2		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/10/29-1B.71**

MS/MSD

Lab ID: 2005-10-0515 - 014

MS: 2005/10/29-1B.71-052 Extracted: 10/29/2005 Analyzed: 10/29/2005 12:52
Dilution: 4.00

MSD: 2005/10/29-1B.71-019 Extracted: 10/29/2005 Analyzed: 10/29/2005 13:19
Dilution: 4.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	102	105	20.1	100	81.9	84.9	3.6	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	405	409		500	81.0	81.8		73-130			
Toluene-d8	484	488		500	96.8	97.6		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/10/31-1C.65**

MS/MSD

Lab ID: 2005-10-0569 - 001

MS: 2005/10/31-1C.65-032 Extracted: 10/31/2005 Analyzed: 10/31/2005 10:32
Dilution: 4.00

MSD: 2005/10/31-1C.65-058 Extracted: 10/31/2005 Analyzed: 10/31/2005 10:58
Dilution: 4.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	451	484	504	100	-53.0	-20.0	-90.	65-165	20	M5	M5,R1
Surrogate(s)											
1,2-Dichloroethane-d4	393	391		500	78.6	78.2		73-130			
Toluene-d8	453	448		500	90.6	89.6		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051026-BA1
98995750

Received: 10/27/2005 13:15

Site: 610 Market Street, Oakland

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

M5

MS/MSD spike recoveries were below acceptance limits. See blank spike (LCS).

R1

Analyte RPD was out of QC limits.

SHELL Chain Of Custody Record

98647

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:

☑ SCIENCE & ENGINEERING

☐ TECHNICAL SERVICES

☐ CRMT HOUSTON

Denis Brown

2005-10-0570

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

SAP or CRMT NUMBER (TS/CRMT)

DATE: 10/26/05

PAGE: 1 of 1

SAMPLING COMPANY	Blaine Tech Services
LOG CODE	BTSS
SITE ADDRESS (Street and City)	610 Market Street, Oakland
GLOBAL ID NO.	T0600102121
ADDRESS	1680 Rogers Avenue, San Jose, CA 95112
EDF DELIVERABLE TO (Responsible Party or Designee)	Anni Kreml
PHONE NO.	510-420-3335
E-MAIL	ShellOaklandEDF@cambria-env.com
CONSULTANT PROJECT NO.	051026-BA1
BTS #	
PROJECT CONTACT (Hardcopy or PDF Report to)	~~Leon Gearhart~~ Michael Ninokata
SAMPLER NAME(S) (Print)	Brian Alcorn
TELEPHONE	408-573-0555
FAX	408-573-7771
EMAIL	~~lgearhart@blainetech.com~~ mninokata
LAB USE ONLY	

TURNAROUND TIME (BUSINESS DAYS):

☒ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

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

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)		TPH - Diesel, Extractable (8015m)									FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
																									TEMPERATURE ON RECEIPT C°: 2
-	MW-3	10/26	1205	W	3				X																
-	MW-5	↓	1150	↓	↓				X																
-	MW-6	↓	1120	↓	↓				X																

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature] Sample Custodian	10/26/05	1718
[signature] SAMPLE CUSTODIAN	[signature]	10/27/05	1310
[signature]	[signature]	10/27/05	1800

C&O Graphics [illegible]

WELL GAUGING DATA

Project # 051213-PC1 Date 12/13/05 Client SLeN

Site 610 Market St., Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	4					14.27	24.60	TOC	
MW-2	4	No Pump in well				10.71	17.75		Ext.
MW-3	4					11.18	-		Ext.
MW-4	4					11.70	19.71		Tr.
MW-5	4					11.05	20.00		Tr.
MW-6	4					11.22	18.62		Ext.
MW-7	4	No Pump in well				12.15	18.28		Ext.
MW-8	4					11.80	17.61		Ext.
MW-9	4					11.92	19.75		

SHELL WELL MONITORING DATA SHEET

BTS #: 051213-PC1	Site: 98995750
Sampler: PC	Date: 12/13/05
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 24.60	Depth to Water (DTW): 14.27
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]: 16.34	

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

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

6.7 (Gals.) X	3	=	20.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
~~0~~	~~60.5~~	~~6.5~~	1261	152	6.5	
1058	67.9	6.5	923	19	6.5	
1100	69.1	6.5	932	17	13	
1102	69.0	6.5	915	17	20	

Did well dewater? Yes (No) Gallons actually evacuated: 20.5

Sampling Date: 12/13/05 Sampling Time: 1112 Depth to Water: 16.30

Sample I.D.: MW-1 Laboratory: STL Other (TT)

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051213-PC1	Site: 1899575
Sampler: PC	Date: 12/13/05
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 17.75	Depth to Water (DTW): 10.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.12	

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

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

4.6 (Gals.) X 3 = 13.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1030	69.4	6.5	785	55	4.5	
1032	70.3	6.5	958	18	9	
1034	70.7	6.5	978	13	14	

Did well dewater? Yes (No) Gallons actually evacuated: 14

Sampling Date: 12/13/05 Sampling Time: 1042 Depth to Water: 12.10

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051213-PC1	Site: 9899 5750
Sampler: PC	Date: 12/13/05
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): -	Depth to Water (DTW): 11.18
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, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, (Extraction Pump), Other_____

Sampling Method: Bailer, Disposable Bailer, (Extraction Port), Dedicated Tubing, Other: _____

_____(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 (µS))	Turbidity (NTUs)	Gals. Removed	Observations
930	60.5	6.5	1261	120	-	

Did well dewater? Yes No Gallons actually evacuated: -

Sampling Date: 12/13/05 Sampling Time: 930 Depth to Water:

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 05123-PC1	Site: 98995750
Sampler: PC	Date: 12/13/05
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.71	Depth to Water (DTW): 11.90
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]: 13.30	

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

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

5.2 (Gals.) X	3	= 15.6 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
948	65.3	6.8	867	52	5	
950	68.3	6.7	869	72	10	
	well dewatered					
958	66.4	6.6	1166	179	-	

Did well dewater? (Yes) No Gallons actually evacuated: 12

Sampling Date: 12/13/05 Sampling Time: 958 Depth to Water: 16.30 Product No

Sample I.D.: MW4 Laboratory: STL Other (TA)

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051213-PC1	Site: 9899 5750
Sampler: PC	Date: 12/13/05
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 20.00	Depth to Water (DTW): 11.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.84	

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

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

5.8 (Gals.) X	3	=	17.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1010	68.1	6.8	1312	51	6	
1012	69.2	6.8	1300	184	12	
	well dewatered					
1018	68.9	6.9	1207	2000		

Did well dewater? (Yes) No Gallons actually evacuated: 13

Sampling Date: 12/13/05 Sampling Time: 1018 Depth to Water: 15.82 Tmthe well

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051213-PC1	Site: 98995750
Sampler: PC	Date: 12/13/05
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 16.82	Depth to Water (DTW): 11.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.70	

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

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
1248	67.2	6.8	898	276	5	
1249	67.0	6.8	913	83	10	
1250	71.3	6.8	909	33	14.5	
		Pump Pulled for	Purge & Sample - replaced post sample			

Did well dewater? Yes (No)		Gallons actually evacuated: 14.5	
Sampling Date: 12/13/05	Sampling Time: 1256	Depth to Water: 12.68	
Sample I.D.: MW-6		Laboratory: STL Other TA	
Analyzed for: (TPH-G) BTEX ~~MTBE~~ TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 05[213:R1	Site: 9899578
Sampler: PC	Date: 12/13/05
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.28	Depth to Water (DTW): 12.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.36	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other____

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

4 (Gals.) X 3 = 12 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
1218	67.5	6.8	962	93	4	
1219	69.0	6.7	974	352	8	
1221	68.5	6.8	991	447	12	

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Date: 12/13/05 Sampling Time: 1235 Depth to Water: 13.36

Sample I.D.: MW-7 Laboratory: STL Other (TA)

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051213-PC1	Site: 98995780
Sampler: PC	Date: 12/13/05
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 17.81	Depth to Water (DTW): 11.88
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]: 13.00	

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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1148	67.2	6.6	1162	390	4	
1150	68.4	6.6	1157	371	8	Dark brown
1152	68.7	6.7	1089	71000	12	↓
⇒	Pump Pulled for Purge & sample; replaced Post sample					

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Date: 12/13/05 Sampling Time: 1202 Depth to Water: 1300

Sample I.D.: MW-8 Laboratory: STL Other (TA)

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051213-PC1	Site: 98995750
Sampler: PC	Date: 12/13/05
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.75	Depth to Water (DTW): 11.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.49	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other ___

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ___

5.1 (Gals.) X 3 = 15.3 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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1120	64.6	6.3	1410	35	5	clear
1122	66.0	6.3	1544	168	10	↓
1124	66.3	6.3	1615	291	15.5	↓

Did well dewater? Yes (No) Gallons actually evacuated: 15.5

Sampling Date: 12/13/05 Sampling Time: 1132 Depth to Water: 13.45

Sample I.D.: MW-9 Laboratory: STL Other (TA)

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

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

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

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

WELL GAUGING DATA

Project # 051026-BA1 Date 10/26/05 Client Shell

Site 610 Market St, Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	4					14.30	24.62		60
MW-2	4		No Pump in well			11.38	18.30		60 Ext
MW-3	4		System On			15.00*	—		Ext Port
MW-4	4					11.45	19.70		60
MW-5	4					11.22	20.00		
MW-6	4		Reconnected Line Air disconnected/off			11.31*	18.02**		Ext Port
MW-7	4		No Pump in well			12.23	18.20		60 Ext
MW-8	4		Air disconnected/off			11.75*	—		60 Ext
MW-9	4					11.97	19.72		60

* gauged w/ pump in well

** pulled pump to purge

SHELL WELL MONITORING DATA SHEET

BTS #: 051026-BA1	Site: 610 Market St, Oakland
Sampler: Brian Alcom	Date: 10/26/05
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 15.00
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, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, (Extraction Pump), Other___

Sampling Method: Bailer, Disposable Bailer, (Extraction Port), Dedicated Tubing, Other:

Port Sample

___(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
1205	68.1	6.8	1,189	64	—	clear, no odor

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

Sampling Date: 10/26/05 Sampling Time: 1205 Depth to Water: 15.00

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051026-BA1	Site: 610 Market St, Oakland
Sampler: Brian Alcorn	Date: 10/26/05
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 20.00	Depth to Water (DTW): 11.22
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, Disposable Bailer, Positive Air Displacement, Electric Submersible (circled), Waterra, Peristaltic, Extraction Pump, Other____

Sampling Method: (Bailer) (circled), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: ____

5.7 (Gals.) X 3 = 17.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1147	70.1	6.7	1,277	31	6.0	clear, no odor
1148	70.7	6.7	1,280	216	12.0	cloudy, no sheen, odor
well Dewatered @ 14 gallons						
1150	71.1	6.7	1,232	146	14.0	" "

Did well dewater? (Yes) No Gallons actually evacuated: 14.0

Sampling Date: 10/26/05 Sampling Time: 1150 Depth to Water:

Sample I.D.: MW-5 Laboratory: (STL) Other____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 051026-BA1	Site: 610 Market St, Oakland
Sampler: Brian Alcom	Date: 10/26/05
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.02	Depth to Water (DTW): 11.31
Depth to Free Product: ____	Thickness of Free Product (feet): ____
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.65	

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

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

4.4 (Gals.) X 3 = 13.2 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
Flow meter at	89695 @ 1013		Air Off/Disconnected from pump			
Reconnected air at well head - directed by client to pull pump and purge.						
1109	69.8	6.5	907	76	4.5	clear, odor
1110	71.7	6.6	891	34	9.0	" "
1111	72.4	6.6	900	15	13.5	" "

Did well dewater? Yes (No) Gallons actually evacuated: 13.5

Sampling Date: 10/26/05 Sampling Time: 1120 Depth to Water: 11.31

Sample I.D.: MW-6 Laboratory: (STL) Other____

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

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

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

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