

April 12, 2004

Alameda County

APR 14 2004

Environmental Health

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

Subject: Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a copy of the *First Quarter 2004 Groundwater 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.

As always, please feel free to contact me directly at (559) 645-9306 with any questions or concerns.

Sincerely,

Shell Oil Products US

Karen Petryna

Karen Petryna
Sr. Environmental Engineer

April 12, 2004

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

Re: **Groundwater Monitoring Report – First Quarter 2004**
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California
SAP Code 135784
Incident #98995842



Dear Mr. Seery:

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

FIRST QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells and prepared a summary table of field gauging and laboratory analytical data. Cambria prepared a site vicinity map (Figure 1), a groundwater contour/chemical concentration map (Figure 2), and an isoconcentration contour map for methyl tert butyl ether (MTBE) (Figure 3). Blaine's report, presenting the laboratory report, is included as Appendix A.

Groundwater Remediation: The groundwater extraction (GWE) system has been operating fairly continuously since July 1, 2003. The significant drawdown and radius of influence typically maintained at the site is depicted in Figure 2. GWE system influent concentrations have decreased by an order of magnitude since the system began discharging in July 2003. Based on these reduced concentrations, Cambria shut off the pump in extraction well SR-3 at the end of February, and continues to extract water from wells SR-1 and SR-2.

Discharge limitations were not exceeded during the reporting period. Analytical results for the influent, midfluent 1, midfluent 2 and effluent streams are summarized in Table 1 and laboratory reports for GWE system samples are included in Appendix B. System flow data and constituent mass removal calculations are presented in Table 2.


Cambria
Environmental
Technology, Inc.

270 Perkins Street
P.O. Box 259
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

ANTICIPATED SECOND QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample the site wells and tabulate the data. Cambria will prepare a monitoring report.

Groundwater Remediation: Cambria will continue to operate the GWE system.



Vertical Assessment Activities: On April 30, 2003, Cambria submitted the *Subsurface Investigation Work Plan*, which included responses to the agency letter dated February 27, 2003, the preferential pathway study, the Site Conceptual Model, and plume definition information. Since no response has been received as of the date of this report, Cambria intends to proceed with the implementation of a *portion* of that work plan. CPT-3 and CPT-4 will be installed at the approximate locations depicted on Figure 3. Both of the CPT borings will extend to 75 feet below grade (fbg) to assess the vertical extent of MTBE in groundwater onsite and downgradient of the site. The lithology will be logged continuously and two intervals will be targeted for collection of groundwater samples for vertical assessment; approximately 50 and 75 fbg. Soil samples will not be collected.

HISTORICAL REMEDIATION SUMMARY

Mobile Groundwater Extraction: Beginning the week of May 14, 2001, Advanced Cleanup Technologies Inc. of Benicia, California conducted three weekly 8-hour mobile GWE events using wells S-2, S-4 and T-2. Three additional GWE events were performed in August 2001. At Shell's direction, Onyx Industrial Services initiated twice-monthly events extracting from tank backfill well T-2 beginning in April 2002. Groundwater was also extracted from well S-4 between June 2002 and September 2002. Extraction from well S-4 was discontinued due to low extraction volumes. Tank backfill well T-4 was added to the twice-monthly extraction events in October 2002.

GWE was discontinued in March 2003 pending fixed GWE system installation and start-up. Approximately 9.32 pounds of methyl tertiary butyl ether (MTBE) were removed by mobile GWE at the site. Continuous operation of the GWE system began on July 1, 2003.

C A M B R I A

CLOSING

If you have any questions regarding the contents of this document, please call Ana Friel at (707) 442-2700.

Sincerely,
Cambria Environmental Technology, Inc



Cynthia Vasko
Senior Staff Engineer



Ana Friel, RG
Senior Project Geologist
RG 6452



Attachments:

- Table 1. Groundwater Extraction System Analytical Results
- Table 2. Groundwater Extraction System Mass Removal Data

- Figure 1. Vicinity/Area Well Survey Map
- Figure 2. Groundwater Contour/Chemical Concentration Map
- Figure 3. MTBE Isoconcentration Contour/Proposed CPT Boring Location Map

- Appendix A. Blaine Tech Services, Inc. - Groundwater Monitoring Report
- Appendix B. GWE System Certified Analytical Reports

cc: Karen Petryna, Shell Oil Products US
Chuck Headlee, RWQCB
Danielle Stefani, Livermore-Pleasanton Fire Department
Matthew W. Katen, Zone 7 Water Agency
Tri-Valley Management

Table 2. Groundwater Extraction System Mass Removal Data, Shell-Branded Service Station, 1700 Highway Road, Ukiah, California

Site Visit (mm/dd/yy)	Flow Meter Reading (gal)	Period Volume (gal)	Flow Rate (gpd)	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)		
07/01/03	447	0	0	0	<2,500	0.000	0.000	<25	0.000	0.000	3,400	0.000	0.000		
07/21/03	104,080	103,633	5,182	103,633	<2,500	1.081	1.081	<25	0.011	0.011	5,400	4.670	4.670		
08/01/03	157,301	53,221	4,838	156,854	<1,300	0.289	1.370	<13	0.003	0.014	3,700	1.643	6.313		
08/15/03	172,392	15,091	1,078	171,945	<1,000	0.063	1.433	<10	0.001	0.014	2,200	0.277	6.590		
08/29/03	221,836	49,444	3,532	221,389	NS	0.206	1.639	NS	0.002	0.016	NS	0.908	7.498		
09/11/03	286,780	64,944	4,996	286,333	<1,000	0.271	1.910	<10	0.003	0.019	2,400	1.301	8.798		
09/25/03	352,750	65,970	4,712	352,303	<1,000	0.275	2.185	<10	0.003	0.022	2,600	1.431	10.23		
10/10/03	420,240	67,490	4,499	419,793	<5,000	1.408	3.593	<50	0.014	0.036	1,800	1.014	11.24		
10/24/03	423,410	3,170	226	422,963	<500	0.007	3.600	<5.0	0.000	0.036	1,500	0.040	11.28		
11/12/03	514,680	91,270	4,804	514,233	NS	0.190	3.790	NS	0.002	0.038	NS	1.142	12.43		
11/21/03	556,306	41,626	4,625	555,859	<1,000	0.174	3.964	<10	0.002	0.040	1,300	0.452	12.88		
12/05/03	618,906	62,600	4,471	618,459	<1,000	0.261	4.225	<10	0.003	0.042	1,200	0.627	13.50		
12/19/03	680,821	61,915	4,423	680,374	<1,000	0.258	4.483	<10	0.003	0.045	950	0.491	13.99		
01/06/04	745,460	64,639	3,591	745,013	NS	0.270	4.753	NS	0.003	0.048	NS	0.512	14.51		
01/16/04	784,010	38,550	3,855	783,563	<50	0.008	4.761	<0.50	0.000	0.048	57	0.018	14.53		
01/30/04	848,580	64,570	4,612	848,133	<500	0.135	4.896	<5.0	0.001	0.049	460	0.248	14.77		
02/06/04	879,575	30,995	4,428	879,128	<500	0.065	4.960	<5.0	0.001	0.050	350	0.091	14.86		
02/20/04	929,280	49,705	3,550	928,833	NS	0.104	5.064	NS	0.001	0.051	NS	0.145	15.01		
03/05/04	973,690	44,410	3,172	973,243	<500	0.093	5.157	<5.0	0.001	0.052	370	0.137	15.15		
03/19/04	1,008,001	34,311	2,451	1,007,554	NS	0.072	5.228	NS	0.001	0.052	NS	0.106	15.25		
Total Gallons Extracted:				1,007,554	Total Pounds Removed:			2.23	Total Pounds Removed:			0.052	Total Pounds Removed:		1.42
Total Gallons Removed:				2,451	Total Gallons Removed:			0.058	Total Gallons Removed:			0.007	Total Gallons Removed:		2.47

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

NS = Not Sampled

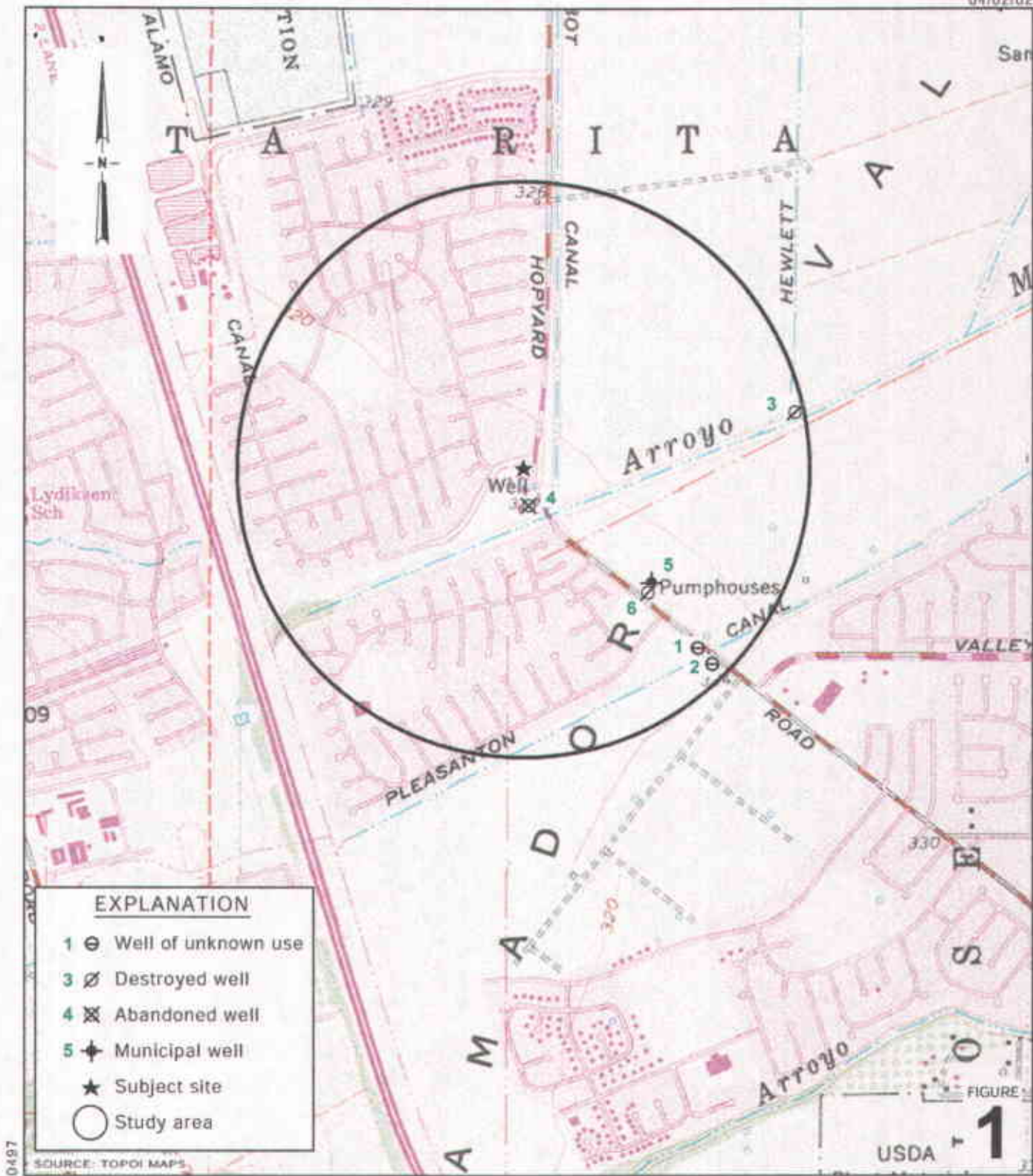
TPHg, benzene and MTBE analyzed by EPA Method 8260

Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10⁶µg) 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

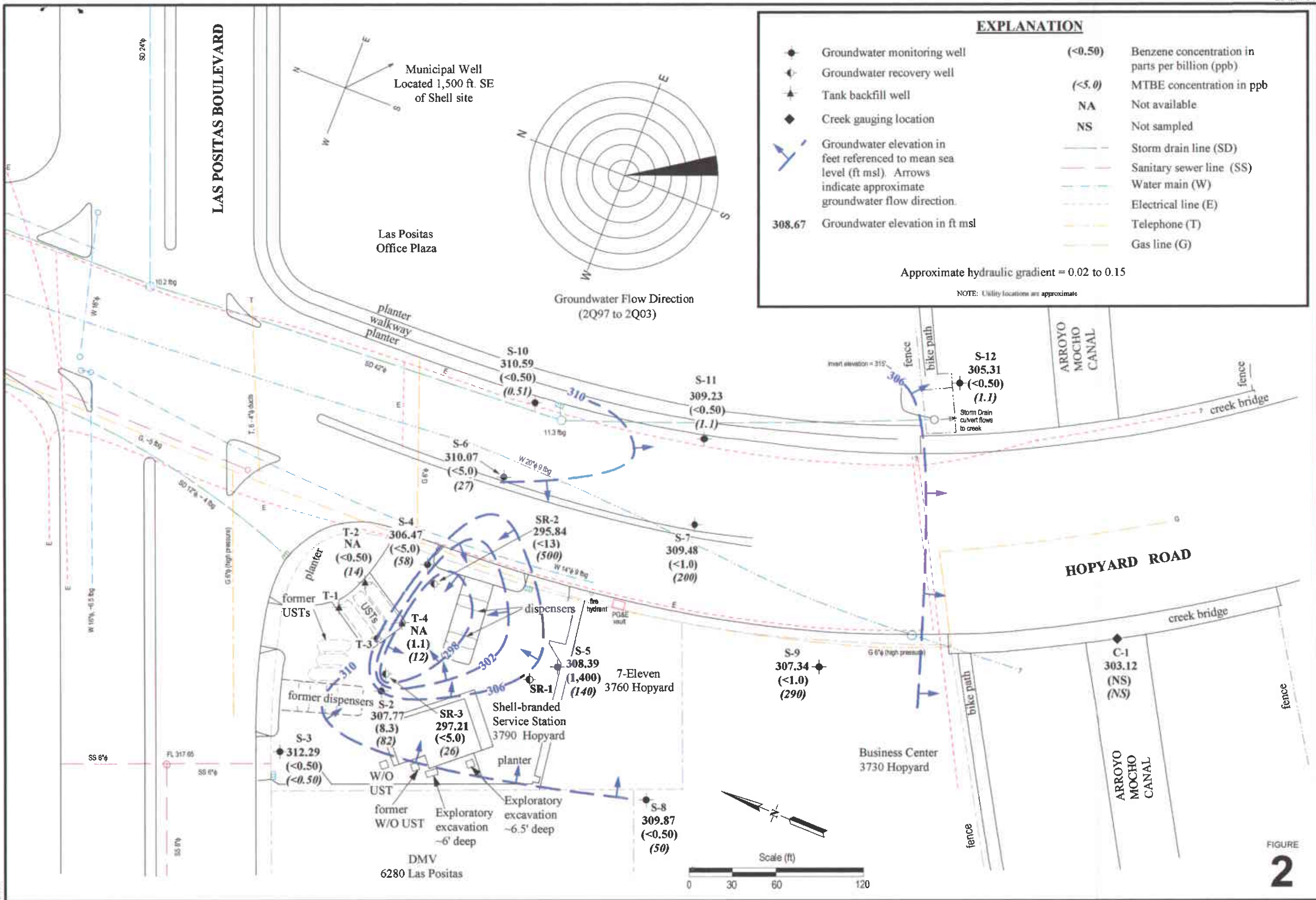


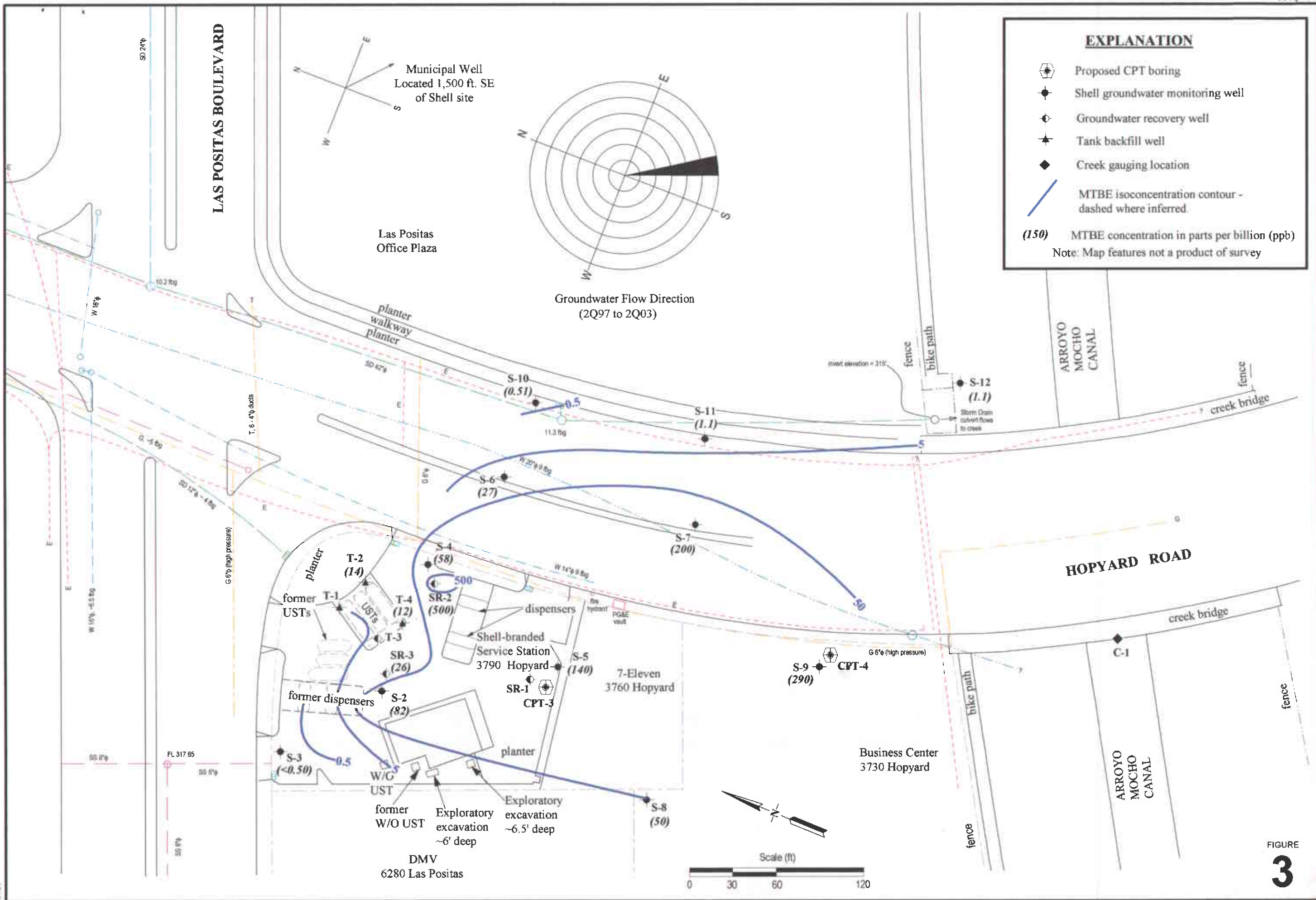
Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California



**Vicinity/Area Well
 Survey Map**

1/2 Mile Radius





Appendix A
Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

February 6, 2004

Karen Petryna
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

First Quarter 2004 Groundwater Monitoring at
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Monitoring performed on January 6, 2004

Groundwater Monitoring Report 040106-DW-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 Martinez Refining Company.

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

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

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

Please call if you have any questions.

Yours truly,

Leon Gearhart
Project Coordinator

LG/jt

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

cc: Ana Friel
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-2	03/20/1991	110	NA	30	2.2	10	7	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA
S-2	06/26/1991	50a	NA	6.3	<0.5	3.3	1.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA
S-2	09/05/1991	90	NA	12	3.2	2.5	2.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA
S-2	12/13/1991	<50	NA	12	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.85	313.36	NA
S-2	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.94	314.27	NA
S-2	06/24/1992	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.78	313.43	NA
S-2	09/17/1992	78	NA	2.6	1.3	1.3	0.9	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.03	314.18	NA
S-2	12/11/1992	<50	NA	0.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.81	314.40	NA
S-2	02/04/1993	55	NA	1.3	0.7	0.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA
S-2	06/03/1993	<50	NA	0.7	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA
S-2	09/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.63	314.58	NA
S-2	12/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.70	314.51	NA
S-2	06/16/1994	<50	NA	0.8	<0.5	0.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.94	314.27	NA
S-2	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.17	314.04	NA
S-2	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.25	314.96	NA
S-2	06/12/1996	<50	NA	6.1	<0.5	<0.5	<0.5	48	NA	NA	NA	NA	NA	NA	NA	329.21	14.31	314.90	NA
S-2	06/25/1997	120	NA	25	0.59	2.4	8.7	130	NA	NA	NA	NA	NA	NA	NA	329.21	14.40	314.81	4.4
S-2	06/19/1998	450	NA	96	<2.5	4	19	180	NA	NA	NA	NA	NA	NA	NA	329.21	13.72	315.49	2.8
S-2	06/17/1999	312	NA	74.4	2.04	1.02	<1.00	147	NA	NA	NA	NA	NA	NA	NA	329.21	13.97	315.24	3.7
S-2	06/15/2000	1,050	NA	261	<5.00	7.54	11.4	13,500	9,850b	NA	NA	NA	NA	NA	NA	329.21	14.25	314.96	3.3
S-2	11/29/2000	<250	NA	3.75	<2.50	<2.50	<2.50	12,400	10,700b	NA	NA	NA	NA	NA	NA	329.21	14.82	314.39	2.2
S-2	03/07/2001	<500	NA	14.7	<5.00	<5.00	<5.00	8,610	NA	NA	NA	NA	NA	NA	NA	329.21	13.70	315.51	2.3
S-2	06/18/2001	<2,000	NA	<20	<20	<20	<20	NA	7,100	NA	NA	NA	NA	NA	NA	329.21	14.56	314.65	NA
S-2	09/17/2001	<2,000	NA	<10	<10	<10	<10	NA	7,500	<10	<10	<10	680	<500	NA	329.21	15.18	314.03	NA
S-2	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	NA	NA	NA	NA	NA	NA	329.21	13.19	316.02	NA
S-2	03/13/2002	<1,000	NA	65	<10	13	<10	NA	6,500	NA	NA	NA	NA	NA	NA	329.21	15.03	314.18	NA
S-2	06/18/2002	520	NA	28	<5.0	<5.0	<5.0	NA	2,800	NA	NA	NA	NA	NA	NA	329.21	15.60	313.61	NA
S-2	09/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,200	NA	NA	NA	NA	NA	NA	328.77	14.90	313.87	NA
S-2	12/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,300	<10	<10	<10	5,600	NA	<10	328.77	14.40	314.37	NA
S-2	03/24/2003	<2,500	NA	28	<25	<25	<50	NA	1,300	NA	NA	NA	NA	NA	NA	328.77	14.86	313.91	NA
S-2	05/09/2003	<2,500	NA	36	<25	35	<50	NA	4,000	NA	NA	NA	6,200	NA	NA	328.77	13.45	315.32	NA
S-2	07/08/2003	<2,000	NA	<20	<20	<20	<40	NA	3,200	NA	NA	NA	NA	NA	NA	328.77	20.10	308.67	NA
S-2	10/15/2003	960 e	NA	6.9	<2.5	9.0	<5.0	NA	90	NA	NA	NA	2,400	NA	NA	328.77	16.67	312.10	NA
S-2	01/06/2004	690	NA	8.3	<0.50	0.72	2.8	NA	82	NA	NA	NA	860	NA	NA	328.77	21.00	307.77	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	03/20/1991	70	NA	2.3	8.9	4	23	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA
S-3	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA
S-3	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA
S-3	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.87	313.80	NA
S-3	03/11/1992	<30	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.05	314.62	NA
S-3	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.86	313.81	NA
S-3	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.01	314.66	NA
S-3	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.00	314.67	NA
S-3	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA
S-3	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA
S-3	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.02	314.65	NA
S-3	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA
S-3	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	15.17	312.50	NA
S-3	06/21/1995	50	NA	4.1	<0.5	20	1.2	NA	NA	NA	NA	NA	NA	NA	NA	327.67	12.49	315.18	NA
S-3	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	327.67	12.53	315.14	NA
S-3	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.67	12.64	315.03	1.8
S-3	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.67	11.74	315.93	4.1
S-3	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	327.67	12.35	315.32	2.8
S-3	06/16/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	327.67	12.51	315.16	3.2
S-3	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	327.67	12.84	314.83	1.0
S-3	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	327.67	12.42	315.25	2.8
S-3	06/18/2001	<50	NA	0.66	1.1	<0.50	0.51	NA	0.66	NA	NA	NA	NA	NA	NA	327.67	13.74	313.93	NA
S-3	09/17/2001	<50	NA	0.73	0.96	<0.50	0.61	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.25	314.42	NA
S-3	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	12.38	315.29	NA
S-3	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.16	314.51	NA
S-3	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.55	314.12	NA
S-3	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.40	13.32	314.08	NA
S-3	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<5.0	NA	<2.0	327.40	12.55	314.85	NA
S-3	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	327.40	12.71	314.69	NA
S-3	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	12.27	315.13	NA
S-3	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	327.40	14.10	313.30	NA
S-3	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	14.64	312.76	NA
S-3	01/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	15.11	312.29	NA
S-4	03/20/1991	1,200	NA	100	<2.0	210	130	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA
S-4	06/26/1991	220	NA	14	<0.5	34	17	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-4	09/05/1991	580	NA	31	0.8	53	26	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA
S-4	12/13/1991	370	NA	24	0.9	1.3	46	NA	NA	NA	NA	NA	NA	NA	NA	328.53	15.20	313.33	NA
S-4	03/11/1992	1,600	NA	23	1.2	12	20	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.37	314.16	NA
S-4	06/24/1992	480	NA	48	<1.0	95	22	NA	NA	NA	NA	NA	NA	NA	NA	328.53	15.30	313.23	NA
S-4	09/17/1992	260	NA	35	1.2	51	7.8	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA
S-4	12/11/1992	270	NA	34	0.8	28	4.5	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.18	314.35	NA
S-4	02/04/1993	1,100	NA	12	<5.0	89	100	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA
S-4	06/03/1993	210	NA	48	1.1	42	4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA
S-4	09/15/1993	700	NA	21	<1.0	110	91	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.86	314.67	NA
S-4	12/09/1993	250	NA	39	<0.5	3.8	2.6	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.16	314.37	NA
S-4	03/04/1994	150	NA	25	1.4	6.8	2.8	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA
S-4 (D)	03/04/1994	140	NA	28	0.8	7.9	3.2	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA
S-4	06/18/1994	90	NA	12	<0.5	1.8	2.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.14	314.39	NA
S-4 (D)	06/18/1994	80	NA	5.9	<0.5	1.5	0.9	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.14	314.39	NA
S-4	09/13/1994	<50	NA	23	<0.5	4.9	2.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA
S-4 (D)	09/13/1994	<50	NA	23	<0.5	4	2.3	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA
S-4	06/21/1995	270	NA	34	1.4	25	7.6	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.82	314.71	NA
S-4 (D)	06/21/1995	280	NA	35	2.1	26	8.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.82	314.71	NA
S-4	08/12/1996	360	NA	52	<0.5	<0.5	<0.5	92	NA	NA	NA	NA	NA	NA	NA	328.53	13.64	314.89	NA
S-4 (D)	06/12/1996	430	NA	54	<1.2	72	21	96	NA	NA	NA	NA	NA	NA	NA	328.53	13.64	314.89	NA
S-4	06/25/1997	6,700	NA	93	1,200	240	1,300	6,900	6,800	NA	NA	NA	NA	NA	NA	328.53	13.74	314.79	0.6
S-4	06/19/1998	3,500	NA	56	15	140	670	2,100	NA	NA	NA	NA	NA	NA	NA	328.53	12.55	315.98	0.8
S-4 (D)	06/19/1998	3,000	NA	51	14	110	530	2,000	NA	NA	NA	NA	NA	NA	NA	328.53	12.55	315.98	0.8
S-4	06/17/1999	1,510	NA	28.4	9.84	176	132	1,780	NA	NA	NA	NA	NA	NA	NA	328.53	13.24	315.29	4.8
S-4	06/15/2000	<500	NA	12.0	<5.00	31.0	22.8	12,200	NA	NA	NA	NA	NA	NA	NA	328.53	13.65	314.88	2.1
S-4	11/29/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	12,100	NA	NA	NA	NA	NA	NA	NA	328.53	14.23	314.30	1.8
S-4	03/07/2001	<500	NA	5.44	<5.00	6.49	<5.00	11,400	14,500	NA	NA	NA	NA	NA	NA	328.53	13.15	315.38	2.4
S-4	06/18/2001	<1,000	NA	<10	<10	<10	<10	NA	3,500	NA	NA	NA	NA	NA	NA	328.53	13.81	314.72	NA
S-4	09/17/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	7,700	NA	NA	NA	NA	NA	NA	328.53	14.29	314.24	NA
S-4	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	NA	NA	NA	NA	NA	NA	328.53	13.44	315.09	NA
S-4	03/13/2002	<2,500	NA	<25	<25	<25	<25	NA	18,000	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA
S-4	06/18/2002	<100	NA	1.1	<1.0	<1.0	<1.0	NA	530	NA	NA	NA	NA	NA	NA	328.53	15.19	313.34	NA
S-4	09/27/2002	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	1,100	NA	NA	NA	NA	NA	NA	328.11	14.32	313.79	NA
S-4	12/27/2002	280	NA	3.5	<2.5	17	4.7	NA	390	<2.5	<2.5	<5.0	9,000	NA	<2.5	328.11	13.50	314.61	NA
S-4	03/24/2003	<2,500	NA	<25	<25	<25	<50	NA	780	NA	NA	NA	NA	NA	NA	328.11	14.56	313.55	NA
S-4	05/09/2003	<2,500	NA	<25	<25	<25	<50	NA	1,200	NA	NA	NA	18,000	NA	NA	328.11	13.20	314.91	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-4	07/08/2003	<2,500	NA	<25	<25	<25	<50	NA	1,700	NA	NA	NA	8,700	NA	NA	328.11	20.87	307.24	NA
S-4	10/15/2003	<2,500	NA	<25	<25	<25	<50	NA	280	NA	NA	NA	11,000	NA	NA	328.11	16.15	311.96	NA
S-4	01/06/2004	3,500	NA	<5.0	19	190	570	NA	58	NA	NA	NA	9,600	NA	NA	328.11	21.64	306.47	NA
S-5	03/20/1991	310	NA	39	12	18	30	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA
S-5	06/26/1991	1,300	NA	250	62	120	180	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA
S-5	09/05/1991	4,700	NA	660	150	170	280	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA
S-5	12/13/1991	1,400	NA	580	19	110	80	NA	NA	NA	NA	NA	NA	NA	NA	329.66	17.48	312.18	NA
S-5	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.22	313.44	NA
S-5	06/24/1992	1,800	NA	380	52	120	180	NA	NA	NA	NA	NA	NA	NA	NA	329.66	17.47	312.19	NA
S-5	09/17/1992	2,200	NA	750	91	170	170	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.84	312.82	NA
S-5	12/11/1992	8,700	NA	1,600	66	48	340	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.37	313.29	NA
S-5	02/04/1993	150	NA	156	0.7	4.7	4	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA
S-5	06/03/1993	480	NA	140	3.4	17	14	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA
S-5	09/15/1993	80	NA	2.4	0.5	1.4	2.9	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.20	313.46	NA
S-5	12/09/1993	120	NA	0.56	<0.5	2.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.26	313.40	NA
S-5	03/04/1994	70	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.25	313.41	NA
S-5	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.04	313.62	NA
S-5	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	11.52	318.14	NA
S-5	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	14.50	315.16	NA
S-5	06/12/1996	<500	NA	6	<5.0	<5.0	<5.0	1,400	NA	NA	NA	NA	NA	NA	NA	329.66	12.53	317.13	NA
S-5	06/25/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	1,100	NA	NA	NA	NA	NA	NA	NA	329.66	15.34	314.32	1.1
S-5	06/19/1998	<50	NA	1	<0.50	<0.50	<0.50	61	NA	NA	NA	NA	NA	NA	NA	329.66	13.71	315.95	3.6
S-5	06/17/1999	<50.0	NA	1.44	<0.500	<0.500	<0.500	336	NA	NA	NA	NA	NA	NA	NA	329.66	13.56	316.10	1.4
S-5	06/15/2000	<50.0	NA	0.820	<0.500	<0.500	<0.500	221	NA	NA	NA	NA	NA	NA	NA	329.66	15.00	314.66	2.7
S-5	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	183	NA	NA	NA	NA	NA	NA	NA	329.66	16.29	313.37	0.7
S-5	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.55	NA	NA	NA	NA	NA	NA	NA	329.66	15.49	314.17	2.5
S-5	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	11	NA	NA	NA	NA	NA	NA	329.66	15.50	314.16	NA
S-5	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	NA	NA	329.66	16.35	313.31	NA
S-5	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	329.66	12.80	316.86	NA
S-5	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	93	NA	NA	NA	NA	NA	NA	329.66	16.32	313.34	NA
S-5	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	329.66	17.00	312.66	NA
S-5	09/27/2002	<50	NA	0.88	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	NA	NA	329.36	16.34	313.02	NA
S-5	12/27/2002	<50	NA	1.9	<0.50	<0.50	<0.50	NA	87	<2.0	<2.0	<2.0	<50	NA	<2.0	329.36	15.45	313.91	NA
S-5	03/24/2003	<250	NA	2.5	<2.5	<2.5	<5.0	NA	220	NA	NA	NA	NA	NA	NA	329.36	16.70	312.66	NA
S-5	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	17	NA	NA	329.36	13.16	316.20	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-5	07/08/2003	<1,000	NA	<10	<10	<10	<20	NA	320	NA	NA	NA	<100	NA	NA	329.36	19.00	310.36	NA
S-5	10/15/2003	1,400 e	NA	27	<2.5	<2.5	<5.0	NA	180	NA	NA	NA	51	NA	NA	329.36	19.08	310.28	NA
S-5	01/06/2004	84,000	NA	1,400	1,200	<25	17,000	NA	140	NA	NA	NA	<250	NA	NA	329.36	20.97	308.39	NA
S-6	03/20/1991	130a	NA	606	0.6	0.7	3	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	06/26/1991	120a	NA	3.8	0.8	<0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	09/05/1991	60	NA	<0.5	0.8	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	12/13/1991	150	NA	2.3	<0.5	<0.5	150	NA	NA	NA	NA	NA	NA	NA	NA	327.62	15.11	312.51	NA
S-6	03/11/1992	<30	NA	<0.3	<0.3	<0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	327.62	16.35	311.27	NA
S-6	06/24/1992	170	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	16.51	311.11	NA
S-6	09/17/1992	190	NA	<0.5	1.6	<0.5	1.2	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.33	313.29	NA
S-6	12/11/1992	180	NA	<0.5	0.8	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.48	313.14	NA
S-6	02/04/1993	290	NA	<0.5	<0.5	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	06/03/1993	100	NA	1.2	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	09/15/1993	160	NA	1.4	<0.5	0.9	2	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.16	313.46	NA
S-6	12/09/1993	130	NA	2.3	2.6	5.1	6.2	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.68	312.94	NA
S-6	03/04/1994	220	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.42	313.20	NA
S-6	06/16/1994	80	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.92	312.70	NA
S-6	09/13/1994	<50	NA	<0.5	6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.72	312.90	NA
S-6	06/21/1995	270	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	13.86	313.76	NA
S-6	06/12/1996	200	NA	2	<0.5	<0.5	<0.5	12	NA	NA	NA	NA	NA	NA	NA	327.62	13.90	313.72	NA
S-6	06/25/1997	180	NA	<0.50	0.61	<0.50	0.77	28	NA	NA	NA	NA	NA	NA	NA	327.62	13.64	313.98	1.8
S-6 (D)	06/25/1997	130	NA	<0.50	<0.50	<0.50	<0.50	21	NA	NA	NA	NA	NA	NA	NA	327.62	13.64	313.98	1.8
S-6	06/19/1998	100	NA	7.6	<0.50	<0.50	<0.50	27	NA	NA	NA	NA	NA	NA	NA	327.62	13.81	313.81	1.7
S-6	06/17/1999	114	NA	4.14	<0.500	<0.500	<0.500	19.9	NA	NA	NA	NA	NA	NA	NA	327.62	14.21	313.41	1.6
S-6	06/15/2000	367	NA	17.5	<0.500	<0.500	<0.500	1,050	NA	NA	NA	NA	NA	NA	NA	327.62	14.51	313.11	1.8
S-6	11/29/2000	154	NA	0.754	16.4	<0.500	1.05	5,470	NA	NA	NA	NA	NA	NA	NA	327.62	14.32	313.30	2.1
S-6	03/07/2001	183	NA	0.971	25.1	0.636	0.996	6,830	NA	NA	NA	NA	NA	NA	NA	327.62	15.39	312.23	1.7
S-6	06/18/2001	<2,000	NA	<20	<20	<20	<20	NA	8,200	NA	NA	NA	NA	NA	NA	327.62	14.72	312.90	NA
S-6	09/17/2001 c	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.7	<2.0	<2.0	<2.0	<50	<500	NA	327.62	16.69	310.93	NA
S-6	12/31/2001	260	NA	<0.50	<0.50	<0.50	<0.50	NA	11,000	NA	NA	NA	NA	NA	NA	327.62	13.99	313.63	NA
S-6	03/13/2002	440	NA	<2.5	<2.5	<2.5	<2.5	NA	930	NA	NA	NA	NA	NA	NA	327.62	15.10	312.52	NA
S-6	06/18/2002	340	NA	<1.0	<1.0	<1.0	<1.0	NA	560	NA	NA	NA	NA	NA	NA	327.62	15.24	312.38	NA
S-6	09/27/2002	<250	NA	<2.5	<2.5	<2.5	<2.5	NA	580	NA	NA	NA	NA	NA	NA	327.26	14.34	312.92	NA
S-6	12/27/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	230	<5.0	<5.0	<5.0	10,000	NA	<5.0	327.26	14.30	312.96	NA
S-6	03/24/2003	<5,000	NA	<50	<50	<50	<100	NA	<500	NA	NA	NA	NA	NA	NA	327.26	14.37	312.89	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-6	05/09/2003	<2,500	NA	<25	<25	<25	<50	NA	140	NA	NA	NA	12,000	NA	NA	327.26	14.25	313.01	NA
S-6	07/08/2003	<2,500	NA	<25	<25	<25	<50	NA	100	NA	NA	NA	8,400	NA	NA	327.26	15.37	311.89	NA
S-6	10/15/2003	<1,000	NA	<10	<10	<10	<20	NA	63	NA	NA	NA	10,000	NA	NA	327.26	17.69	309.57	NA
S-6	01/06/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	27	NA	NA	NA	7,600	NA	NA	327.26	17.19	310.07	NA
S-7	03/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA
S-7	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA
S-7	09/05/1991	<50	NA	<0.5	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA
S-7	12/13/1991	<50	NA	<0.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.70	310.97	NA
S-7	03/11/1992	<50	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.06	311.61	NA
S-7	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.80	310.87	NA
S-7	09/17/1992	<50	NA	0.6	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.00	311.67	NA
S-7	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.35	311.32	NA
S-7	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA
S-7	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA
S-7	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.65	312.02	NA
S-7	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA
S-7	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.83	311.84	NA
S-7	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	15.88	312.79	NA
S-7	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	16.22	312.45	NA
S-7	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	16.12	312.55	3
S-7	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	14.81	313.86	2.6
S-7	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	328.67	15.91	312.76	5.1
S-7	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.32	NA	NA	NA	NA	NA	NA	NA	328.67	16.14	312.53	2.0
S-7	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	328.67	16.89	311.78	3.6
S-7	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	328.67	16.55	312.12	2.1
S-7	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	2.5	NA	NA	NA	NA	NA	NA	328.67	16.30	312.37	NA
S-7	09/17/2001 c	150	NA	<0.50	55	<0.50	<0.50	NA	8,300	NA	NA	NA	NA	NA	NA	328.67	14.23	314.44	NA
S-7	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	328.67	16.26	312.39	NA
S-7	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.9	NA	NA	NA	NA	NA	NA	328.67	17.41	311.26	NA
S-7	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	12	NA	NA	NA	NA	NA	NA	328.67	17.63	311.04	NA
S-7	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	10	NA	NA	NA	NA	NA	NA	328.41	16.96	311.45	NA
S-7	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	22	<2.0	<2.0	<2.0	<50	NA	4.1	328.41	16.00	312.41	NA
S-7	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	NA	NA	NA	328.41	17.12	311.29	NA
S-7	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	7.3	NA	NA	328.41	16.14	312.27	NA
S-7	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	36	NA	NA	NA	6.5	NA	NA	328.41	17.42	310.99	NA

WELL CONCENTRATIONS
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3790 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-7	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	NA	NA	NA	<5.0	NA	NA	328.41	15.49	312.92	NA
S-7	01/06/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	200	NA	NA	NA	20	NA	NA	328.41	18.93	309.48	NA
S-8	03/20/1991	<50a	NA	0.8	1.8	2.6	5.2	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.73	311.27	NA
S-8	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.64	312.36	NA
S-8	06/24/1992	<50	NA	1.4	1.9	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.77	311.23	NA
S-8	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.37	311.63	NA
S-8	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.94	312.06	NA
S-8	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.91	312.09	NA
S-8	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.16	313.08	NA
S-8	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.11	312.89	NA
S-8	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	14.20	312.80	NA
S-8	06/25/1997	170	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	14.42	312.58	0.5
S-8	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	13.49	313.51	2.2
S-8	08/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	327.00	14.07	312.93	0.9
S-8	06/15/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	06/21/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	21.0	NA	NA	NA	NA	NA	NA	NA	327.00	14.43	312.57	NA
S-8	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	9.46	NA	NA	NA	NA	NA	NA	NA	327.00	14.44	312.56	2.2
S-8	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4.21	NA	NA	NA	NA	NA	NA	NA	327.00	13.69	313.31	2.1
S-8	06/18/2001	<50	NA	0.55	0.92	<0.50	0.51	NA	13	NA	NA	NA	NA	NA	NA	327.00	14.60	312.40	NA
S-8	09/17/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.07	311.93	NA
S-8	09/18/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA
S-8	12/31/2001	<50	NA	1.1	1.4	<0.50	<0.50	NA	8.4	NA	NA	NA	NA	NA	NA	327.00	14.02	312.98	NA
S-8	03/13/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.92	312.08	NA
S-8	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	NA	NA	327.00	15.37	311.63	NA
S-8	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	NA	NA	326.14	14.60	311.54	NA
S-8	12/27/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.14	NA	NA	NA
S-8	01/07/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.14	NA	NA	NA
S-8	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	NA	NA	NA	326.14	14.58	311.56	NA
S-8	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	<5.0	NA	NA	326.14	13.45	312.69	NA

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-8	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	46	NA	NA	NA	<5.0	NA	NA	326.14	15.19	310.95	NA
S-8	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	42	NA	NA	NA	<5.0	NA	NA	326.14	16.58	309.56	NA
S-8	01/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	50	NA	NA	NA	<5.0	NA	NA	326.14	16.27	309.87	NA
S-9	03/20/1991	70a	NA	0.7	0.7	<0.5	1	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA
S-9	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA
S-9	09/05/1991	<50	NA	<0.5	0.8	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA
S-9	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	18.18	310.06	NA
S-9	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.37	310.87	NA
S-9	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	18.45	309.79	NA
S-9	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.88	310.36	NA
S-9	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.34	310.90	NA
S-9	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA
S-9	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA
S-9	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.42	310.82	NA
S-9	12/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	16.89	311.35	NA
S-9	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.22	311.02	NA
S-9	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.46	310.78	NA
S-9	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.59	310.65	NA
S-9	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.03	311.21	NA
S-9	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	328.24	16.76	311.48	NA
S-9	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.8	NA	NA	NA	NA	NA	NA	NA	328.24	16.89	311.35	1
S-9	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	7.1	NA	NA	NA	NA	NA	NA	NA	328.24	15.59	312.65	3.8
S-9	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	15.3	NA	NA	NA	NA	NA	NA	NA	328.24	16.47	311.77	1.9
S-9	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	57.2	NA	NA	NA	NA	NA	NA	NA	328.24	16.11	312.13	1.1
S-9	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	76.5	NA	NA	NA	NA	NA	NA	NA	328.24	17.30	310.94	1.1
S-9	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	84.9	NA	NA	NA	NA	NA	NA	NA	328.24	19.42	308.82	1.1
S-9	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	86	NA	NA	NA	NA	NA	NA	328.24	17.22	311.02	NA
S-9	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	328.24	17.66	310.58	NA
S-9	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	NA	NA	NA	NA	NA	328.24	17.65	310.59	NA
S-9	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	328.24	17.75	310.49	NA
S-9	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	160	NA	NA	NA	NA	NA	NA	328.24	19.59	308.65	NA
S-9	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	180	NA	NA	NA	NA	NA	NA	327.85	17.65	310.20	NA
S-9	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	180	<2.0	<2.0	<2.0	<50	NA	2.8	327.85	18.45	309.40	NA
S-9	03/24/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	230	NA	NA	NA	NA	NA	NA	327.85	17.97	309.88	NA
S-9	05/09/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	240	NA	NA	NA	<25	NA	NA	327.85	17.68	310.17	NA

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S-9	07/08/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	<25	NA	NA	327.85	17.65	310.20	NA
S-9	10/15/2003	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	210	NA	NA	NA	<10	NA	NA	327.85	19.49	308.36	NA
S-9	01/06/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	290	NA	NA	NA	<10	NA	NA	327.85	20.51	307.34	NA
S-10	03/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	06/28/1991	50	NA	1.8	5.8	1.9	13	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.77	311.78	NA
S-10	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.16	312.39	NA
S-10	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.83	311.72	NA
S-10	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.85	312.70	NA
S-10	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.90	312.65	NA
S-10	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.66	312.89	NA
S-10	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.84	312.71	NA
S-10	06/21/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.08	313.47	NA
S-10	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	326.55	13.34	313.21	NA
S-10	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.8	NA	NA	NA	NA	NA	NA	NA	326.55	13.28	313.27	2.4
S-10	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	326.55	12.41	314.14	1.8
S-10	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	326.55	12.81	313.74	2.0
S-10	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	326.55	13.27	313.28	2.1
S-10	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	326.55	13.98	312.57	2.4
S-10	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	326.55	13.40	313.15	2.5
S-10	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	3.7	NA	NA	NA	NA	NA	NA	326.55	13.29	313.26	NA
S-10	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	13.61	312.94	NA
S-10	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	13.48	313.07	NA
S-10	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	14.66	311.89	NA
S-10	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	14.59	311.96	NA
S-10	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	325.87	13.21	312.66	NA
S-10	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	NA	<2.0	325.87	13.50	312.37	NA
S-10	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	325.87	16.60	309.27	NA
S-10	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	325.87	13.07	312.80	NA
S-10	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	325.87	14.10	311.77	NA
S-10	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.69	NA	NA	NA	<5.0	NA	NA	325.87	14.75	311.12	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-10	01/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.51	NA	NA	NA	<5.0	NA	NA	325.87	15.28	310.59	NA
S-11	09/23/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.93	NA	NA
S-11	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	16.95	NA	NA
S-11	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	NA	<2.0	327.48	16.40	311.08	NA
S-11	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	327.48	17.25	310.23	NA
S-11	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.54	NA	NA	NA	<5.0	NA	NA	327.48	16.37	311.11	NA
S-11	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.48	17.17	310.31	NA
S-11	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.48	18.01	309.47	NA
S-11	01/06/2004	<50	NA	<0.50	1.4	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	327.48	18.25	309.23	NA
S-12	09/23/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.74	NA	NA
S-12	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	17.95	NA	NA
S-12	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	NA	<2.0	322.76	16.92	305.84	NA
S-12	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	322.76	16.53	306.23	NA
S-12	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.5	NA	NA	NA	<5.0	NA	NA	322.76	17.73	305.03	NA
S-12	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	<5.0	NA	NA	322.76	17.18	305.58	NA
S-12	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	322.76	17.54	305.22	NA
S-12	01/06/2004	<50	NA	<0.50	1.1	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	322.76	17.45	305.31	NA
SR-1	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.34	313.44	NA
SR-1	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.72	313.06	NA
SR-1	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	15.31	314.47	NA
SR-1	03/11/2002 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.13	NA	NA	NA
SR-1	09/22/2003 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.33	NA	NA	NA
SR-2	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.39	313.96	NA
SR-2	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.48	313.87	NA
SR-2	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	13.62	314.73	NA
SR-2	09/27/2002	<1,000	NA	<10	<10	<10	<10	NA	5,000	NA	NA	NA	NA	NA	NA	327.91	14.20	313.71	NA
SR-2	12/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,800	<10	<10	<10	1,600	NA	<10	327.91	13.33	314.58	NA
SR-2	03/24/2003	<5,000	NA	<50	<50	<50	<100	NA	10,000	NA	NA	NA	NA	NA	NA	327.91	13.75	314.16	NA
SR-2	05/09/2003	<5,000	NA	<50	<50	80	290	NA	13,000	NA	NA	NA	6,100	NA	NA	327.91	13.40	314.51	NA
SR-2	07/08/2003	<5,000	NA	<50	<50	<50	<100	NA	12,000	NA	NA	NA	4,800	NA	NA	327.31	30.48	296.89	NA
SR-2	10/15/2003	<500	NA	<5.0	<5.0	<5.0	20	NA	1,200	NA	NA	NA	9,800	NA	NA	327.31	15.38	311.93	NA
SR-2	01/06/2004	<1,300	NA	<13	<13	<13	<25	NA	500	NA	NA	NA	17,000	NA	NA	327.31	31.47	295.84	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
SR-3	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.66	314.45	NA
SR-3	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.96	314.15	NA
SR-3	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	13.60	315.51	NA
SR-3	09/27/2002	<2,500	NA	<25	<25	<25	<25	NA	11,000	NA	NA	NA	NA	NA	NA	328.65	14.75	313.90	NA
SR-3	12/27/2002	<2,000	NA	<20	<20	<20	<20	NA	5,100	<20	<20	<20	4,600	NA	<20	328.65	13.65	315.00	NA
SR-3	03/24/2003	<2,500	NA	<25	<25	<25	<50	NA	3,700	NA	NA	NA	NA	NA	NA	328.65	13.52	315.13	NA
SR-3	05/09/2003	<1,000	NA	15	<10	19	48	NA	3,700	NA	NA	NA	8,400	NA	NA	328.65	12.15	316.50	NA
SR-3	07/08/2003	<1,000	NA	<10	<10	<10	<20	NA	2,800	NA	NA	NA	8,300	NA	NA	327.50	30.00	297.50	NA
SR-3	10/15/2003	310	NA	3.2	<2.5	9.1	30	NA	240	NA	NA	NA	3,600	NA	NA	327.50	15.39	312.11	NA
SR-3	01/06/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	26	NA	NA	NA	3,300	NA	NA	327.50	30.29	297.21	NA
T-1	06/18/2002	<5,000	NA	<50	<50	<50	<50	NA	20,000	NA	NA	NA	NA	NA	NA	NA	12.31	NA	NA
T-2	09/17/2001	<5,000	NA	<25	<25	<25	<25	NA	29,000	NA	NA	NA	NA	NA	NA	NA	11.48	NA	NA
T-2	12/31/2001	<5,000	NA	<50	<50	<50	<50	NA	31,000	NA	NA	NA	NA	NA	NA	NA	4.96	NA	NA
T-2	03/13/2002	<5,000	NA	<50	<50	<50	<50	NA	48,000	NA	NA	NA	NA	NA	NA	NA	9.76	NA	NA
T-2	06/18/2002	<20,000	NA	<200	<200	<200	<200	NA	100,000	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA
T-2	09/27/2002	240	NA	0.55	2.8	1.8	2.6	NA	39	NA	NA	NA	NA	NA	NA	NA	8.15	NA	NA
T-2	12/27/2002	2,100	NA	7.8	17	<0.50	11	NA	790	<2.0	<2.0	2.7	1,200	NA	<2.0	NA	6.75	NA	NA
T-2	03/24/2003	550	NA	<2.5	<2.5	<2.5	<5.0	NA	310	NA	NA	NA	NA	NA	NA	NA	11.68	NA	NA
T-2	05/09/2003	220	NA	0.66	0.55	<0.50	1.8	NA	100	NA	NA	NA	92	NA	NA	NA	6.40	NA	NA
T-2	07/08/2003	<500	NA	13	7.4	<5.0	22	NA	990	NA	NA	NA	120	NA	NA	NA	8.16	NA	NA
T-2	10/15/2003	220 e	NA	<0.50	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	23	NA	NA	NA	11.15	NA	NA
T-2	01/06/2004	710	NA	<0.50	<0.50	<0.50	1.2	NA	14	NA	NA	NA	9.2	NA	NA	NA	9.10	NA	NA
T-3	06/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA
T-4	06/18/2002	<10,000	NA	<100	<100	<100	<200	NA	97,000	NA	NA	NA	NA	NA	NA	NA	13.50	NA	NA
T-4	12/27/2002	550	NA	5.3	16	0.60	39	NA	140	<2.0	<2.0	<2.0	120	NA	<2.0	NA	7.65	NA	NA
T-4	03/24/2003	1,400	NA	<0.50	1.0	1.2	3.6	NA	15	NA	NA	NA	NA	NA	NA	NA	12.88	NA	NA
T-4	05/09/2003	<50	NA	<0.50	<0.50	<0.50	1.6	NA	14	NA	NA	NA	5.2	NA	NA	NA	7.59	NA	NA
T-4	07/08/2003	730	NA	26	8.9	10	19	NA	1,000	NA	NA	NA	150	NA	NA	NA	9.33	NA	NA
T-4	10/15/2003	1,200	NA	15	6.1	2.8	11	NA	310	NA	NA	NA	980	NA	NA	NA	11.80	NA	NA
T-4	01/06/2004	68	NA	1.1	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	NA	NA	9.78	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-DCA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
C-1	05/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.50	302.83	NA
C-1	07/08/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.50	302.83	NA
C-1	10/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.52	302.81	NA
C-1	01/06/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.21	303.12	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8015.

BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8020.

MTBE = Methyl-tertiary-butyl ether

TOB = Top of Wellbox Elevation

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ppm = Parts per million

ug/L = Parts per billion

MSL = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

Notes:

a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern

b = This sample was analyzed outside of the EPA recommended holding time.

c = Samples for wells S-6 and S-7 may have been switched.

d = Survey date only.

e = Hydrocarbon does not match pattern of laboratory's standard.

Well T-2 is a backfill well.

Beginning September 23, 2002, depth to water referenced to Top of Casing.

All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002, by Virgil Chavez Land Surveying of Vallejo, California.

Survey data for wells S-11 and S-12 provided by Cambria Environmental Technology, Inc.

C-1 surveyed March 18, 2003, by Virgil Chavez Land Surveying of Vallejo, California.

Wells SR-1, SR-2, and SR-3 surveyed September 22, 2003, by Virgil Chavez Land Surveying of Vallejo, California.

Blaine Tech Services, Inc.

January 20, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105
Attn.: Leon Gearhart
Project#: BTS# 040106-DW-1
Project: 98995842
Site: 3790 Hopyard Rd., Pleasanton

Dear Mr. Gearhart,

Attached is our report for your samples received on 01/07/2004 12:31

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 02/21/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

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

Sincerely,



Vincent Vancil
Project Manager

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab
S-2	01/06/2004 14:25	Water	1
S-3	01/06/2004 12:10	Water	2
S-4	01/06/2004 14:10	Water	3
S-5	01/06/2004 14:00	Water	4
S-6	01/06/2004 11:20	Water	5
S-7	01/06/2004 10:58	Water	6
S-8	01/06/2004 14:00	Water	7
S-9	01/06/2004 14:15	Water	8
S-10	01/06/2004 11:20	Water	9
S-11	01/06/2004 10:55	Water	10
S-12	01/06/2004 14:15	Water	11
T-2	01/06/2004 12:20	Water	12
T-4	01/06/2004 13:42	Water	13
SR-2	01/06/2004 14:45	Water	14
SR-3	01/06/2004 14:50	Water	15

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-2	Lab ID:	2004-01-0158 - 1
Sampled:	01/06/2004 14:25	Extracted:	1/13/2004 23:34
Matrix:	Water	QC Batch#:	2004/01/13-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	690	50	ug/L	1.00	01/13/2004 23:34	
Benzene	8.3	0.50	ug/L	1.00	01/13/2004 23:34	
Toluene	ND	0.50	ug/L	1.00	01/13/2004 23:34	
Ethylbenzene	0.72	0.50	ug/L	1.00	01/13/2004 23:34	
Total xylenes	2.8	1.0	ug/L	1.00	01/13/2004 23:34	
tert-Butyl alcohol (TBA)	860	5.0	ug/L	1.00	01/13/2004 23:34	
Methyl tert-butyl ether (MTBE)	82	0.50	ug/L	1.00	01/13/2004 23:34	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	76-130	%	1.00	01/13/2004 23:34	
Toluene-d8	91.5	78-115	%	1.00	01/13/2004 23:34	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-3	Lab ID:	2004-01-0158 - 2
Sampled:	01/06/2004 12:10	Extracted:	1/13/2004 23:57
Matrix:	Water	QC Batch#:	2004/01/13-1B 64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/13/2004 23:57	
Benzene	ND	0.50	ug/L	1.00	01/13/2004 23:57	
Toluene	ND	0.50	ug/L	1.00	01/13/2004 23:57	
Ethylbenzene	ND	0.50	ug/L	1.00	01/13/2004 23:57	
Total xylenes	ND	1.0	ug/L	1.00	01/13/2004 23:57	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/13/2004 23:57	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/13/2004 23:57	
Surrogate(s)						
1,2-Dichloroethane-d4	88.7	76-130	%	1.00	01/13/2004 23:57	
Toluene-d8	92.5	78-115	%	1.00	01/13/2004 23:57	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-4	Lab ID: 2004-01-0158 - 3
Sampled: 01/06/2004 14:10	Extracted: 1/14/2004 18:54
Matrix: Water	QC Batch#: 2004/01/14-2C.64
Analysis Flag: 0 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3500	500	ug/L	10.00	01/14/2004 18:54	
Benzene	ND	5.0	ug/L	10.00	01/14/2004 18:54	
Toluene	19	5.0	ug/L	10.00	01/14/2004 18:54	
Ethylbenzene	190	5.0	ug/L	10.00	01/14/2004 18:54	
Total xylenes	570	10	ug/L	10.00	01/14/2004 18:54	
tert-Butyl alcohol (TBA)	9600	50	ug/L	10.00	01/14/2004 18:54	
Methyl tert-butyl ether (MTBE)	58	5.0	ug/L	10.00	01/14/2004 18:54	
Surrogate(s)						
1,2-Dichloroethane-d4	87.7	76-130	%	10.00	01/14/2004 18:54	
Toluene-d8	89.4	78-115	%	10.00	01/14/2004 18:54	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-5	Lab ID: 2004-01-0158-4
Sampled: 01/06/2004 14:00	Extracted: 1/14/2004 00:41
Matrix: Water	QC Batch#: 2004/01/13-1B.64
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	84000	2500	ug/L	50.00	01/14/2004 00:41	
Benzene	1400	25	ug/L	50.00	01/14/2004 00:41	
Toluene	1200	25	ug/L	50.00	01/14/2004 00:41	
Ethylbenzene	ND	25	ug/L	50.00	01/14/2004 00:41	
Total xylenes	17000	50	ug/L	50.00	01/14/2004 00:41	
tert-Butyl alcohol (TBA)	ND	250	ug/L	50.00	01/14/2004 00:41	
Methyl tert-butyl ether (MTBE)	140	25	ug/L	50.00	01/14/2004 00:41	
Surrogate(s)						
1,2-Dichloroethane-d4	114.9	76-130	%	50.00	01/14/2004 00:41	
Toluene-d8	93.1	78-115	%	50.00	01/14/2004 00:41	

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

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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-6	Lab ID: 2004-01-0158 - 5
Sampled: 01/06/2004 11:20	Extracted: 1/14/2004 19:16
Matrix: Water	QC Batch#: 2004/01/14-2C 64
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	01/14/2004 19:16	
Benzene	ND	5.0	ug/L	10.00	01/14/2004 19:16	
Toluene	ND	5.0	ug/L	10.00	01/14/2004 19:16	
Ethylbenzene	ND	5.0	ug/L	10.00	01/14/2004 19:16	
Total xylenes	ND	10	ug/L	10.00	01/14/2004 19:16	
tert-Butyl alcohol (TBA)	7600	50	ug/L	10.00	01/14/2004 19:16	
Methyl tert-butyl ether (MTBE)	27	5.0	ug/L	10.00	01/14/2004 19:16	
Surrogate(s)						
1,2-Dichloroethane-d4	99.4	76-130	%	10.00	01/14/2004 19:16	
Toluene-d8	92.3	78-115	%	10.00	01/14/2004 19:16	

Severn Trent Laboratories, Inc.

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

Blaine Tech Services, Inc.

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-7	Lab ID: 2004-01-0158 - 6
Sampled: 01/06/2004 10:58	Extracted: 1/14/2004 19:38
Matrix: Water	QC Batch#: 2004/01/14-2C.64
Analysis Flag: 0 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	100	ug/L	2.00	01/14/2004 19:38	
Benzene	ND	1.0	ug/L	2.00	01/14/2004 19:38	
Toluene	ND	1.0	ug/L	2.00	01/14/2004 19:38	
Ethylbenzene	ND	1.0	ug/L	2.00	01/14/2004 19:38	
Total xylenes	ND	2.0	ug/L	2.00	01/14/2004 19:38	
tert-Butyl alcohol (TBA)	20	10	ug/L	2.00	01/14/2004 19:38	
Methyl tert-butyl ether (MTBE)	200	1.0	ug/L	2.00	01/14/2004 19:38	
Surrogate(s)						
1,2-Dichloroethane-d4	100.2	76-130	%	2.00	01/14/2004 19:38	
Toluene-d8	93.5	78-115	%	2.00	01/14/2004 19:38	

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

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Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-8	Lab ID:	2004-01-0158-7
Sampled:	01/06/2004 14:00	Extracted:	1/14/2004 01:47
Matrix:	Water	QC Batch#:	2004/01/13-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/14/2004 01:47	
Benzene	ND	0.50	ug/L	1.00	01/14/2004 01:47	
Toluene	ND	0.50	ug/L	1.00	01/14/2004 01:47	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2004 01:47	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2004 01:47	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2004 01:47	
Methyl tert-butyl ether (MTBE)	50	0.50	ug/L	1.00	01/14/2004 01:47	
Surrogate(s)						
1,2-Dichloroethane-d4	92.1	76-130	%	1.00	01/14/2004 01:47	
Toluene-d8	94.2	78-115	%	1.00	01/14/2004 01:47	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-9	Lab ID: 2004-01-0158 - 8
Sampled: 01/06/2004 14:15	Extracted: 1/14/2004 02:09
Matrix: Water	QC Batch#: 2004/01/13-1B 64
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	100	ug/L	2.00	01/14/2004 02:09	
Benzene	ND	1.0	ug/L	2.00	01/14/2004 02:09	
Toluene	ND	1.0	ug/L	2.00	01/14/2004 02:09	
Ethylbenzene	ND	1.0	ug/L	2.00	01/14/2004 02:09	
Total xylenes	ND	2.0	ug/L	2.00	01/14/2004 02:09	
tert-Butyl alcohol (TBA)	ND	10	ug/L	2.00	01/14/2004 02:09	
Methyl tert-butyl ether (MTBE)	290	1.0	ug/L	2.00	01/14/2004 02:09	
Surrogate(s)						
1,2-Dichloroethane-d4	105.3	76-130	%	2.00	01/14/2004 02:09	
Toluene-d8	93.3	78-115	%	2.00	01/14/2004 02:09	

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

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Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-10	Lab ID:	2004-01-0158 - 9
Sampled:	01/06/2004 11:20	Extracted:	1/14/2004 02:31
Matrix:	Water	QC Batch#:	2004/01/13-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/14/2004 02:31	
Benzene	ND	0.50	ug/L	1.00	01/14/2004 02:31	
Toluene	ND	0.50	ug/L	1.00	01/14/2004 02:31	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2004 02:31	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2004 02:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2004 02:31	
Methyl tert-butyl ether (MTBE)	0.51	0.50	ug/L	1.00	01/14/2004 02:31	
Surrogate(s)						
1,2-Dichloroethane-d4	94.7	76-130	%	1.00	01/14/2004 02:31	
Toluene-d8	92.7	78-115	%	1.00	01/14/2004 02:31	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-11	Lab ID: 2004-01-0158 - 10
Sampled: 01/06/2004 10:55	Extracted: 1/14/2004 02:24
Matrix: Water	QC Batch#: 2004/01/13-02.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/14/2004 02:24	
Benzene	ND	0.50	ug/L	1.00	01/14/2004 02:24	
Toluene	1.4	0.50	ug/L	1.00	01/14/2004 02:24	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2004 02:24	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2004 02:24	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2004 02:24	
Methyl tert-butyl ether (MTBE)	1.1	0.50	ug/L	1.00	01/14/2004 02:24	
Surrogate(s)						
1,2-Dichloroethane-d4	108.9	76-130	%	1.00	01/14/2004 02:24	
Toluene-d8	100.5	78-115	%	1.00	01/14/2004 02:24	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-12	Lab ID: 2004-01-0158 - 11
Sampled: 01/06/2004 14:15	Extracted: 1/14/2004 02:48
Matrix: Water	QC Batch#: 2004/01/13-02.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/14/2004 02:48	
Benzene	ND	0.50	ug/L	1.00	01/14/2004 02:48	
Toluene	1.1	0.50	ug/L	1.00	01/14/2004 02:48	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2004 02:48	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2004 02:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2004 02:48	
Methyl tert-butyl ether (MTBE)	1.1	0.50	ug/L	1.00	01/14/2004 02:48	
Surrogate(s)						
1,2-Dichloroethane-d4	112.8	76-130	%	1.00	01/14/2004 02:48	
Toluene-d8	94.4	78-115	%	1.00	01/14/2004 02:48	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: T-2	Lab ID: 2004-01-0158-12
Sampled: 01/06/2004 12:20	Extracted: 1/14/2004 02:38
Matrix: Water	QC Batch#: 2004/01/13-2C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	710	50	ug/L	1.00	01/14/2004 02:38	
Benzene	ND	0.50	ug/L	1.00	01/14/2004 02:38	
Toluene	ND	0.50	ug/L	1.00	01/14/2004 02:38	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2004 02:38	
Total xylenes	1.2	1.0	ug/L	1.00	01/14/2004 02:38	
tert-Butyl alcohol (TBA)	14	5.0	ug/L	1.00	01/14/2004 02:38	
Methyl tert-butyl ether (MTBE)	9.2	0.50	ug/L	1.00	01/14/2004 02:38	
Surrogate(s)						
1,2-Dichloroethane-d4	96.5	76-130	%	1.00	01/14/2004 02:38	
Toluene-d8	104.9	78-115	%	1.00	01/14/2004 02:38	

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

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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: T-4	Lab ID: 2004-01-0158-13
Sampled: 01/06/2004 13:42	Extracted: 1/14/2004 10:58
Matrix: Water	QC Batch#: 2004/01/14-1A 66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	68	50	ug/L	1.00	01/14/2004 10:58	
Benzene	1.1	0.50	ug/L	1.00	01/14/2004 10:58	
Toluene	ND	0.50	ug/L	1.00	01/14/2004 10:58	
Ethylbenzene	ND	0.50	ug/L	1.00	01/14/2004 10:58	
Total xylenes	ND	1.0	ug/L	1.00	01/14/2004 10:58	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/14/2004 10:58	
Methyl tert-butyl ether (MTBE)	12	0.50	ug/L	1.00	01/14/2004 10:58	
Surrogate(s)						
1,2-Dichloroethane-d4	111.3	76-130	%	1.00	01/14/2004 10:58	
Toluene-d8	94.7	78-115	%	1.00	01/14/2004 10:58	

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

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Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: SR-2	Lab ID: 2004-01-0158-14
Sampled: 01/06/2004 14:45	Extracted: 1/14/2004 20:32
Matrix: Water	QC Batch#: 2004/01/14-02.62
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1300	ug/L	25.00	01/14/2004 20:32	
Benzene	ND	13	ug/L	25.00	01/14/2004 20:32	
Toluene	ND	13	ug/L	25.00	01/14/2004 20:32	
Ethylbenzene	ND	13	ug/L	25.00	01/14/2004 20:32	
Total xylenes	ND	25	ug/L	25.00	01/14/2004 20:32	
tert-Butyl alcohol (TBA)	17000	130	ug/L	25.00	01/14/2004 20:32	
Methyl tert-butyl ether (MTBE)	500	13	ug/L	25.00	01/14/2004 20:32	
Surrogate(s)						
1,2-Dichloroethane-d4	97.6	76-130	%	25.00	01/14/2004 20:32	
Toluene-d8	98.9	78-115	%	25.00	01/14/2004 20:32	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: SR-3	Lab ID: 2004-01-0158 - 15
Sampled: 01/06/2004 14:50	Extracted: 1/14/2004 20:54
Matrix: Water	QC Batch#: 2004/01/14-02.62
Analysis Flag: 0 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	01/14/2004 20:54	
Benzene	ND	5.0	ug/L	10.00	01/14/2004 20:54	
Toluene	ND	5.0	ug/L	10.00	01/14/2004 20:54	
Ethylbenzene	ND	5.0	ug/L	10.00	01/14/2004 20:54	
Total xylenes	ND	10	ug/L	10.00	01/14/2004 20:54	
tert-Butyl alcohol (TBA)	3300	50	ug/L	10.00	01/14/2004 20:54	
Methyl tert-butyl ether (MTBE)	26	5.0	ug/L	10.00	01/14/2004 20:54	
Surrogate(s)						
1,2-Dichloroethane-d4	101.7	76-130	%	10.00	01/14/2004 20:54	
Toluene-d8	98.8	78-115	%	10.00	01/14/2004 20:54	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/01/13-02.66	
MB: 2004/01/13-02.66-045				Date Extracted: 01/13/2004 18:45	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/13/2004 18:45	
Benzene	ND	0.5	ug/L	01/13/2004 18:45	
Toluene	ND	0.5	ug/L	01/13/2004 18:45	
Ethylbenzene	ND	0.5	ug/L	01/13/2004 18:45	
Total xylenes	ND	1.0	ug/L	01/13/2004 18:45	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/13/2004 18:45	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/13/2004 18:45	
Surrogates(s)					
1,2-Dichloroethane-d4	97.9	76-130	%	01/13/2004 18:45	
Toluene-d8	97.6	78-115	%	01/13/2004 18:45	

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

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Project: BTS# 040106-DW-1
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Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/01/13-1B.64	
MB: 2004/01/13-1B.64-005				Date Extracted: 01/13/2004 19:05	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/13/2004 19:05	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/13/2004 19:05	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/13/2004 19:05	
Benzene	ND	0.5	ug/L	01/13/2004 19:05	
Toluene	ND	0.5	ug/L	01/13/2004 19:05	
Ethylbenzene	ND	0.5	ug/L	01/13/2004 19:05	
Total xylenes	ND	1.0	ug/L	01/13/2004 19:05	
Surrogates(s)					
1,2-Dichloroethane-d4	84.8	76-130	%	01/13/2004 19:05	
Toluene-d8	93.2	78-115	%	01/13/2004 19:05	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

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01/16/2004 17:35

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/01/13-2C.62	
MB: 2004/01/13-2C.62-024				Date Extracted: 01/13/2004 18:24	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/13/2004 18:24	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/13/2004 18:24	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/13/2004 18:24	
Benzene	ND	0.5	ug/L	01/13/2004 18:24	
Toluene	ND	0.5	ug/L	01/13/2004 18:24	
Ethylbenzene	ND	0.5	ug/L	01/13/2004 18:24	
Total xylenes	ND	1.0	ug/L	01/13/2004 18:24	
Surrogates(s)					
1,2-Dichloroethane-d4	90.1	76-130	%	01/13/2004 18:24	
Toluene-d8	101.3	78-115	%	01/13/2004 18:24	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B	Water			Test(s): 8260B	
Method Blank				QC Batch # 2004/01/14-02.62	
MB: 2004/01/14-02.62-054				Date Extracted: 01/14/2004 18:54	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/14/2004 18:54	
Benzene	ND	0.5	ug/L	01/14/2004 18:54	
Toluene	ND	0.5	ug/L	01/14/2004 18:54	
Ethylbenzene	ND	0.5	ug/L	01/14/2004 18:54	
Total xylenes	ND	1.0	ug/L	01/14/2004 18:54	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/14/2004 18:54	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/14/2004 18:54	
Surrogates(s)					
1,2-Dichloroethane-d4	95.3	76-130	%	01/14/2004 18:54	
Toluene-d8	102.6	78-115	%	01/14/2004 18:54	

Severn Trent Laboratories, Inc.

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/16/2004 17:35

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/01/14-1A.66	
MB: 2004/01/14-1A.66-028				Date Extracted: 01/14/2004 10:28	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/14/2004 10:28	
Benzene	ND	0.5	ug/L	01/14/2004 10:28	
Toluene	ND	0.5	ug/L	01/14/2004 10:28	
Ethylbenzene	ND	0.5	ug/L	01/14/2004 10:28	
Total xylenes	ND	1.0	ug/L	01/14/2004 10:28	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/14/2004 10:28	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/14/2004 10:28	
Surrogates(s)					
1,2-Dichloroethane-d4	91.5	76-130	%	01/14/2004 10:28	
Toluene-d8	96.4	78-115	%	01/14/2004 10:28	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/01/14-2C.64	
MB: 2004/01/14-2C.64-001				Date Extracted: 01/14/2004 18:01	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/14/2004 18:01	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/14/2004 18:01	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/14/2004 18:01	
Benzene	ND	0.5	ug/L	01/14/2004 18:01	
Toluene	ND	0.5	ug/L	01/14/2004 18:01	
Ethylbenzene	ND	0.5	ug/L	01/14/2004 18:01	
Total xylenes	ND	1.0	ug/L	01/14/2004 18:01	
Surrogates(s)					
1,2-Dichloroethane-d4	85.4	76-130	%	01/14/2004 18:01	
Toluene-d8	93.0	78-115	%	01/14/2004 18:01	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/01/13-02.66			
LCS	2004/01/13-02.66-057		Extracted: 01/13/2004			Analyzed: 01/13/2004 17:57			
LCSD	2004/01/13-02.66-021		Extracted: 01/13/2004			Analyzed: 01/13/2004 18:21			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	23.3	21.6	25.0	93.2	86.4	7.6	69-129	20		
Toluene	23.3	23.6	25.0	93.2	94.4	1.3	70-130	20		
Methyl tert-butyl ether (MTBE)	23.4	22.1	25.0	93.6	88.4	5.7	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	490	465	500	98.0	93.0		76-130			
Toluene-d8	465	487	500	93.0	97.4		78-115			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Laboratory Control Spike		Water		QC Batch # 2004/01/13-1B.64	
LCS	2004/01/13-1B.64-020	Extracted:	01/13/2004	Analyzed:	01/13/2004 18:20
LCSD	2004/01/13-1B.64-042	Extracted:	01/13/2004	Analyzed:	01/13/2004 18:42

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.6	22.1	25	90.4	88.4	2.2	65-165	20			
Benzene	28.0	25.8	25	112.0	103.2	8.2	69-129	20			
Toluene	29.9	27.8	25	119.6	111.2	7.3	70-130	20			
Surrogates(s)											
1,2-Dichloroethane-d4	418	397	500	83.6	79.4		76-130				
Toluene-d8	491	481	500	98.2	96.2		78-115				

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Laboratory Control Spike		Water		QC Batch # 2004/01/13-2C.62	
LCS	2004/01/13-2C.62-040	Extracted:	01/13/2004	Analyzed:	01/13/2004 17:40
LCSD	2004/01/13-2C.62-002	Extracted:	01/13/2004	Analyzed:	01/13/2004 18:02

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	19.7	20.0	25	78.8	80.0	1.5	65-165	20		
Benzene	21.5	21.1	25	86.0	84.4	1.9	69-129	20		
Toluene	26.2	25.6	25	104.8	102.4	2.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	444	430	500	88.8	86.0		76-130			
Toluene-d8	510	501	500	102.0	100.2		78-115			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/01/14-02.62			
LCS	2004/01/14-02.62-010		Extracted: 01/14/2004			Analyzed: 01/14/2004 18:10			
LCSD	2004/01/14-02.62-032		Extracted: 01/14/2004			Analyzed: 01/14/2004 18:32			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	21.9	21.9	25.0	87.6	87.6	0.0	69-129	20		
Toluene	27.0	26.5	25.0	108.0	106.0	1.9	70-130	20		
Methyl tert-butyl ether (MTBE)	18.5	18.8	25.0	74.0	75.2	1.6	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	458	437	500	91.6	87.4		76-130			
Toluene-d8	513	519	500	102.6	103.8		78-115			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/01/14-1A.66			
LCS	2004/01/14-1A.66-040		Extracted: 01/14/2004		Analyzed: 01/14/2004 09:40				
LCSD	2004/01/14-1A.66-004		Extracted: 01/14/2004		Analyzed: 01/14/2004 10:04				

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	23.2	22.2	25	92.8	88.8	4.4	69-129	20		
Toluene	23.2	23.8	25	92.8	95.2	2.6	70-130	20		
Methyl tert-butyl ether (MTBE)	22.2	21.8	25	88.8	87.2	1.8	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	462	458	500	92.4	91.6		76-130			
Toluene-d8	492	484	500	98.4	96.8		78-115			

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

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/01/14-2C.64			
LCS	2004/01/14-2C.64-055		Extracted: 01/14/2004			Analyzed: 01/14/2004 17:17			
LCSD	2004/01/14-2C.64-039		Extracted: 01/14/2004			Analyzed: 01/14/2004 17:39			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.6	21.5	25	94.4	86.0	9.3	65-165	20		
Benzene	24.7	24.2	25	98.8	96.8	2.0	69-129	20		
Toluene	26.4	25.3	25	105.6	101.2	4.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	415	417	500	83.0	83.4		76-130			
Toluene-d8	452	452	500	90.4	90.4		78-115			

Severn Trent Laboratories, Inc.

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)	Water	QC Batch # 2004/01/13-02.66	
S-12 >> MS		Lab ID:	2004-01-0158 - 011
MS: 2004/01/13-02.66-012	Extracted: 01/14/2004	Analyzed:	01/14/2004 03:12
		Dilution:	1.00
MSD: 2004/01/13-02.66-036	Extracted: 01/14/2004	Analyzed:	01/14/2004 03:36
		Dilution:	1.00

Compound	Conc. ug/L			Spk. Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	25.3	23.5	ND	25.0	101.2	94.0	7.4	69-129	20		
Toluene	25.6	23.7	1.05	25.0	98.2	90.6	8.1	70-130	20		
Methyl tert-butyl ether	26.7	25.7	1.12	25.0	102.3	98.3	4.0	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	492	508		500	98.3	101.6		76-130			
Toluene-d8	491	479		500	98.3	95.7		78-115			

Severn Trent Laboratories, Inc.

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01/16/2004 17:35

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)	Water	QC Batch #	2004/01/13-1B.64
S-10: >> MS		Lab ID:	2004-01-0158 - 009
MS: 2004/01/13-1B.64-053	Extracted: 01/14/2004	Analyzed:	01/14/2004 02:53
		Dilution:	1.00
MSD: 2004/01/13-1B.64-015	Extracted: 01/14/2004	Analyzed:	01/14/2004 03:15
		Dilution:	1.00

Compound	Conc. ug/L			Spk. Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	25.5	24.3	0.513	25	99.9	95.1	4.9	65-165	20		
Benzene	26.9	26.7	ND	25	107.6	106.8	0.7	69-129	20		
Toluene	28.7	27.4	ND	25	114.8	109.6	4.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	445	452		500	89.0	90.4		76-130			
Toluene-d8	484	458		500	96.8	91.6		78-115			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS# 040106-DW-1
98995842

Received: 01/07/2004 12:31

Site: 3790 Hopyard Rd., Pleasanton

Legend and Notes

Analysis Flag

o

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

LAM: 27

SHELL Chain Of Custody Record

81779

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be involved:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Karen Petryna

2004.01.0158

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 2

SAP ID / CRMT NUMBER (TS/CRMT)

DATE: 1-6-04

PAGE: 1 of 2

SUPPLIER COMPANY: Blaine Tech Services		LOG CODE: BTSS	SITE ADDRESS (Street and City): 3790 Hopyard Rd., Pleasanton		GLOBAL ID NO.: T0600101257
ADDRESS: 1650 Rogers Avenue, San Jose, CA 95112		SAP DELIVERABLE TO (Responsible Party or Designer): Ana Friel		PHONE NO.: (707) 442-2700	CONSULTANT PROJECT NO.: 040106-DW-1
PROJECT CONTACT (Name/Title or POC - Name-ty): Leon Gearhart		SAMPLER NAME(S) (URL): Dave W, John DeJong		EMAIL: sonomaedf@cambris-anv.com	BTS #
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: lgearhart@blainetech.com		LAB USE ONLY	

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

LA - RWQCS REPORT FORMAT UST AGENCY:

GC/MS-MTBE CONFIRMATION: HIGHEST _____ HIGHEST PER BORING _____ ALL _____

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

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8290B)	BTEX (8290B)	MTBE (8021B - 90ppb RL)	MTBE (8290B - 0.5ppb RL)	Organics (9) by (8290B)	Ethanol (8290B)	Methanol	EDB & 1,2-DCA (8290B)	TBA (8290B)	TEMPERATURE ON RECEIPT °C
	DATE	TIME												
S-2	1-6	14:25	W	3	X	X	X						X	
S-3		12:10			X	X	X						X	
S-4		14:10			X	X	X						X	
S-5		14:00			X	X	X						X	
S-6		11:20			X	X	X						X	
S-7		10:58			X	X	X						X	
S-8		14:00			X	X	X						X	
S-9		14:15			X	X	X						X	
S-10		11:20			X	X	X						X	
S-11		10:55			X	X	X						X	

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

5.2

Received by (Signature): <i>David C. Holt</i>	Received by (Signature): <i>[Signature]</i>	Date: <u>1/7/04</u>	Time: <u>1231</u>
Received by (Signature): <i>[Signature]</i>	Received by (Signature): <i>[Signature]</i>	Date: <u>01/07/04</u>	Time: <u>1644</u>

O&A Group, Inc. (714) 958-8700

LAB: DTL

SHELL Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be involved:

Karen Petryna

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- OSMO/HAUSTON

2004-01-0158

INCIDENT NUMBER (SAN ONLY)

9 8 9 9 5 8 4 2

SAP or CRMT NUMBER (TS/CRMT)

DATE: 1-6-04

PAGE: 2 of 2

BLAINE TECH SERVICES 1880 ROGERS AVENUE, SAN JOSE, CA 95112		LAB CODE BTSS	SITE ADDRESS (Street and City) 3790 Hopyard Rd., Pleasanton		LABORATORY NO. T0600101257
PROJECT CONTRACT ID (Reference to PDF Attachment) Leon Gearhart		EDD DELIVERABLE TO (Responsible Party or Designer) Ana Friel		PHONE NO. (107) 442-2700	E-MAIL sonomaedf@cambrila-env.com
TELEPHONE 408-573-0555	FAX 408-573-7771	E-MAIL lgearhart@blainetech.com	LABORATORY PROJECT NO. 040106 Dur		

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

LA - RWQCB REPORT FORMAT UST AGENCY:

OCMS-MTBE CONFIRMATION: HIGHEST _____ HIGHEST PER BORING _____ ALL _____

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

Dave W, John De Jong

REQUESTED ANALYSIS:

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas Permeable (2250B)	BTEX (2250B)	MTBE (2021B - 5ppm RL)	MTBE (2290B - 6.5ppm RL)	Oxybenzone (2) by (2250B)	Ethanol (2290B)	Methanol	EDB & 1,2-DCA (2250B)	TBA (2250B)
		DATE	TIME											
	S-12	1-6	14:15	W	3	X	X	X					X	
	F-2	1	12:20			X	X	X					X	
	T-4	1	13:47			X	X	X					X	
	GR-2		14:45			X	X	X					X	
	SR-3	1	14:50			X	X	X					X	

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

5.2

TEMPERATURE ON RECEIPT C:

Received by: (Signature) <i>Edward C. Gal...</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>1/7/04</u>	Time: <u>12:31</u>
Requisitioned by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>01/07/04</u>	Time: <u>1644</u>

Appendix B
GWE System
Certified Analytical Reports

Cambria Environmental Emeryville

January 29, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Cynthia Vasko

Project#: 245-0497-003

Project: 98995842

Site: 3790 Hopyard Road, Pleasanton

Dear Ms. Vasko:

Attached is our report for your samples received on 01/16/2004 17:15

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 03/01/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

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

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Diesel (C10-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	01/16/2004 16:15	Water	1
EFF	01/16/2004 16:00	Water	4

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/23/2004 14:33

Page 1 of 6

Diesel (C10-C24)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: INF	Lab ID: 2004-01-0463 - 1
Sampled: 01/16/2004 16:15	Extracted: 1/20/2004 09:58
Matrix: Water	QC Batch#: 2004/01/20-2A 10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	220	50	ug/L	1.00	01/21/2004 18:34	ndp
Surrogate(s) o-Terphenyl	76.2	50-120	%	1.00	01/21/2004 18:34	

Diesel (C10-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: EFF	Lab ID: 2004-01-0463 - 4
Sampled: 01/16/2004 16:00	Extracted: 1/20/2004 09:58
Matrix: Water	QC Batch#: 2004/01/20-2A:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	01/21/2004 19:05	
<i>Surrogate(s)</i> o-Terphenyl	79.2	50-120	%	1.00	01/21/2004 19:05	

Diesel (C10-C24)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3510/8015M				Test(s): 8015M	
Method Blank		Water		QC Batch # 2004/01/20-2A_10	
MB: 2004/01/20-2A_10-001				Date Extracted: 01/20/2004 09:58	

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	01/20/2004 16:29	
Surrogates(s) o-Terphenyl	101.3	50-120	%	01/20/2004 16:29	

Diesel (C10-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3510/8015M			Test(s): 8015M		
Laboratory Control Spike		Water		QC Batch # 2004/01/20-2A.10	
LCS	2004/01/20-2A.10-002	Extracted:	01/20/2004	Analyzed:	01/20/2004 15:28
LCSD	2004/01/20-2A.10-003	Extracted:	01/20/2004	Analyzed:	01/20/2004 15:58

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	1040	1020	1000	104.0	102.0	1.9	60-130	25		
Surrogates(s) o-Terphenyl	18.8	18.6	20.0	93.9	93.1		50-120			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/23/2004 14:33

Diesel (C10-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	01/16/2004 16:15	Water	1
MID 1	01/16/2004 16:10	Water	2
MID 2	01/16/2004 16:05	Water	3
EFF	01/16/2004 16:00	Water	4

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/29/2004 14:12

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	INF	Lab ID:	2004-01-0463-1
Sampled:	01/16/2004 16:15	Extracted:	1/28/2004 20:44
Matrix:	Water	QC Batch#:	2004/01/28-2C.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/28/2004 20:44	
Benzene	ND	0.50	ug/L	1.00	01/28/2004 20:44	
Toluene	ND	0.50	ug/L	1.00	01/28/2004 20:44	
Ethylbenzene	ND	0.50	ug/L	1.00	01/28/2004 20:44	
Total xylenes	ND	1.0	ug/L	1.00	01/28/2004 20:44	
Methyl tert-butyl ether (MTBE)	57	5.0	ug/L	1.00	01/28/2004 20:44	
Surrogate(s)						
1,2-Dichloroethane-d4	111.3	76-130	%	1.00	01/28/2004 20:44	
Toluene-d8	99.3	78-115	%	1.00	01/28/2004 20:44	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 1	Lab ID:	2004-01-0463 - 2
Sampled:	01/16/2004 16:10	Extracted:	1/28/2004 21:08
Matrix:	Water	QC Batch#:	2004/01/28-2C.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/28/2004 21:08	
Benzene	ND	0.50	ug/L	1.00	01/28/2004 21:08	
Toluene	ND	0.50	ug/L	1.00	01/28/2004 21:08	
Ethylbenzene	ND	0.50	ug/L	1.00	01/28/2004 21:08	
Total xylenes	ND	1.0	ug/L	1.00	01/28/2004 21:08	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	01/28/2004 21:08	
Surrogate(s)						
1,2-Dichloroethane-d4	128.5	76-130	%	1.00	01/28/2004 21:08	
Toluene-d8	100.8	78-115	%	1.00	01/28/2004 21:08	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B:	Test(s):	8260B
Sample ID:	MID 2	Lab ID:	2004-01-0463 - 3
Sampled:	01/16/2004 16:05	Extracted:	1/28/2004 21:32
Matrix:	Water	QC Batch#:	2004/01/28-2C.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/28/2004 21:32	
Benzene	ND	0.50	ug/L	1.00	01/28/2004 21:32	
Toluene	ND	0.50	ug/L	1.00	01/28/2004 21:32	
Ethylbenzene	ND	0.50	ug/L	1.00	01/28/2004 21:32	
Total xylenes	ND	1.0	ug/L	1.00	01/28/2004 21:32	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	01/28/2004 21:32	
Surrogate(s)						
1,2-Dichloroethane-d4	115.2	76-130	%	1.00	01/28/2004 21:32	
Toluene-d8	101.4	78-115	%	1.00	01/28/2004 21:32	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	EFF	Lab ID:	2004-01-0463-4
Sampled:	01/16/2004 16:00	Extracted:	1/28/2004 21:56
Matrix:	Water	QC Batch#:	2004/01/28-20.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/28/2004 21:56	
Benzene	ND	0.50	ug/L	1.00	01/28/2004 21:56	
Toluene	ND	0.50	ug/L	1.00	01/28/2004 21:56	
Ethylbenzene	ND	0.50	ug/L	1.00	01/28/2004 21:56	
Total xylenes	ND	1.0	ug/L	1.00	01/28/2004 21:56	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	01/28/2004 21:56	
Surrogate(s)						
1,2-Dichloroethane-d4	114.9	76-130	%	1.00	01/28/2004 21:56	
Toluene-d8	103.8	78-115	%	1.00	01/28/2004 21:56	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/01/28-2C.86	
MB: 2004/01/28-2C.66-016				Date Extracted: 01/28/2004 20:16	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/28/2004 20:16	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	01/28/2004 20:16	
Benzene	ND	0.5	ug/L	01/28/2004 20:16	
Toluene	ND	0.5	ug/L	01/28/2004 20:16	
Ethylbenzene	ND	0.5	ug/L	01/28/2004 20:16	
Total xylenes	ND	1.0	ug/L	01/28/2004 20:16	
Surrogates(s)					
1,2-Dichloroethane-d4	101.4	76-130	%	01/28/2004 20:16	
Toluene-d8	101.8	78-115	%	01/28/2004 20:16	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/29/2004 14:12

Page 6 of 8

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report			
Prep(s): 5030B		Test(s): 8260B	
Laboratory Control Spike		Water	QC Batch # 2004/01/28-2C.66
LCS	2004/01/28-2C.66-028	Extracted: 01/28/2004	Analyzed: 01/28/2004 19:28
LCSD	2004/01/28-2C.66-052	Extracted: 01/28/2004	Analyzed: 01/28/2004 19:52

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.2	23.5	25	100.8	94.0	7.0	65-165	20		
Benzene	23.6	24.3	25	94.4	97.2	2.9	69-129	20		
Toluene	26.0	24.2	25	104.0	96.8	7.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	483	507	500	96.6	101.4		76-130			
Toluene-d8	545	513	500	109.0	102.6		78-115			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

01/29/2004 14:12

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/16/2004 17:15

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report			
Prep(s): 5030B			Test(s): 8260B
Matrix Spike (MS / MSD)	Water		QC Batch # 2004/01/28-2C.66
EFF >> MS			Lab ID: 2004-01-0463 - 004
MS: 2004/01/28-2C.66-020	Extracted: 01/28/2004	Analyzed: 01/28/2004 22:20	
		Dilution: 1.00	
MSD: 2004/01/28-2C.66-044	Extracted: 01/28/2004	Analyzed: 01/28/2004 22:44	
		Dilution: 1.00	

Compound	Conc. ug/L			Spk Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	25.9	24.0	ND	25	103.6	96.0	7.6	65-165	20		
Benzene	23.2	23.4	ND	25	92.8	93.6	0.9	69-129	20		
Toluene	22.8	25.6	ND	25	91.2	102.4	11.6	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	511	506		500	102.2	101.2		76-130			
Toluene-d8	519	500		500	103.8	100.0		78-115			

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1819 (925) 484-1096 fax

Shell Project Manager to be Invoiced:

- SERVICE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSEKEEP

2004-01-00463

Karon Polynia

INCIDENT NUMBER (S&E ONLY)

9 | 8 | 9 | 9 | 5 | 8 | 4 | 2

SAP OR CRMT NUMBER (S/CRMT)

DATE: 1-16-04

PAGE: 1 of 1

LABORATORY INFORMATION Cambria Environmental Technology, Inc. 5900 Hollis Street, Suite A, Emeryville, CA 94608 PROJECT CONTACT (Name, Title, Phone) Cynthia Vesko TELEPHONE: 510-420-3344 FAX: 510-420-9170 EMAIL: vesko@cambria-env.com		MAX CODE: CETS		SITE ADDRESS (Street and City): 3790 Hopyard Road, Pleasanton		GLOBAL ID#: N/A	
SHIP DELIVERABLE TO (Responsible Party's Company): N/A		SHIPER ID#: N/A		LABORATORY PROJECT NO.: 245-0487-003		LAB USE ONLY:	
TURNAROUND TIME (BUSINESS DAYS): <input checked="" type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS				REQUESTED ANALYSIS:			

LA - XQCX REPORT FORMAT LIST AGENCY
 OGM'S RATE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____
 SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF SOD IS NOT NEEDED

Flow Totalizer = 789,010.0 Hour Meter = 4929.4

Field Sample Identification	SAMPLING		MAYNK	NO. OF CONT.	TPH - Purgable	TPH - Extractable (800/8m)	BTEX	MTBE (ppm)	TDA	S Oxygenates	C2 DCA and EDB	Ethanol	Methanol	VOAs by ETOX	Semi-VOAs by E270C	Lead <input type="checkbox"/> Total <input type="checkbox"/> Pb <input type="checkbox"/> Trace	LUBTS <input type="checkbox"/> Total <input type="checkbox"/> SMC <input type="checkbox"/> TCP	CMMT <input type="checkbox"/> Total <input type="checkbox"/> SMC <input type="checkbox"/> Trace	Test for Disposal	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes 7.1°C TEMPERATURE ON RECEIPT OF		
	DATE	TIME																				
INF	1-16	4:15	AD	5	X	X	X	X													VOAs w/HCl = 500 mL Amber	
MID 1		4:10	AD	4	X		X	X														VOAs w/HCl
MID 2		4:05	AD	4	X		X	X														VOAs w/HCl
EFF		4:20	AD	5	X	X	X	X														VOAs w/HCl = 500 mL Amber

Requested by (Signature): <i>Vartan Handanian</i>	Received by (Signature):	Date: 1-16-04	Time: 11:15
Rechecked by (Signature):	Received by (Signature):	Date:	Time:
Reapproved by (Signature):	Received by (Signature): <i>Nouza K.</i>	Date: 1/16/04	Time: 17:15

Cambria Environmental Emeryville

February 13, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Cynthia Vasko

Project#: 245-0497-003

Project: 98995842

Site: 3790 Hopyard Road., Pleasanton

Dear Ms. Vasko:

Attached is our report for your samples received on 01/30/2004 14:51

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 03/15/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

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

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170
Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	01/30/2004 14:00	Water	1
MID 1	01/30/2004 13:55	Water	2
MID 2	01/30/2004 13:50	Water	3
EFF	01/30/2004 13:45	Water	4

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: INF	Lab ID: 2004-01-0817 - 1
Sampled: 01/30/2004 14:00	Extracted: 2/9/2004 13:31
Matrix: Water	QC Batch#: 2004/02/09-1C-65
Analysis Flag: 0 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	02/09/2004 13:31	
Benzene	ND	5.0	ug/L	10.00	02/09/2004 13:31	
Toluene	ND	5.0	ug/L	10.00	02/09/2004 13:31	
Ethylbenzene	ND	5.0	ug/L	10.00	02/09/2004 13:31	
Total xylenes	ND	10	ug/L	10.00	02/09/2004 13:31	
Methyl tert-butyl ether (MTBE)	460	50	ug/L	10.00	02/09/2004 13:31	
Surrogate(s)						
1,2-Dichloroethane-d4	83.0	76-130	%	10.00	02/09/2004 13:31	
Toluene-d8	104.7	78-115	%	10.00	02/09/2004 13:31	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID 1	Lab ID: 2004-01-0817-2
Sampled: 01/30/2004 13:55	Extracted: 2/9/2004 13:53
Matrix: Water	QC Batch#: 2004/02/09-1C.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/09/2004 13:53	
Benzene	ND	0.50	ug/L	1.00	02/09/2004 13:53	
Toluene	ND	0.50	ug/L	1.00	02/09/2004 13:53	
Ethylbenzene	ND	0.50	ug/L	1.00	02/09/2004 13:53	
Total xylenes	ND	1.0	ug/L	1.00	02/09/2004 13:53	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	02/09/2004 13:53	
Surrogate(s)						
1,2-Dichloroethane-d4	112.5	76-130	%	1.00	02/09/2004 13:53	
Toluene-d8	103.3	78-115	%	1.00	02/09/2004 13:53	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 2	Lab ID:	2004-01-0817 - 3
Sampled:	01/30/2004 13:50	Extracted:	2/9/2004 14:16
Matrix:	Water	QC Batch#:	2004/02/09-1G.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/09/2004 14:16	
Benzene	ND	0.50	ug/L	1.00	02/09/2004 14:16	
Toluene	ND	0.50	ug/L	1.00	02/09/2004 14:16	
Ethylbenzene	ND	0.50	ug/L	1.00	02/09/2004 14:16	
Total xylenes	ND	1.0	ug/L	1.00	02/09/2004 14:16	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	02/09/2004 14:16	
Surrogate(s)						
1,2-Dichloroethane-d4	103.0	76-130	%	1.00	02/09/2004 14:16	
Toluene-d8	102.2	78-115	%	1.00	02/09/2004 14:16	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: EFF	Lab ID: 2004-01-0817 - 4
Sampled: 01/30/2004 13:45	Extracted: 2/9/2004 14:40
Matrix: Water	QC Batch#: 2004/02/09-1C.65
Analysis Flag: .gx (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/09/2004 14:40	
Benzene	ND	0.50	ug/L	1.00	02/09/2004 14:40	
Toluene	ND	0.50	ug/L	1.00	02/09/2004 14:40	
Ethylbenzene	ND	0.50	ug/L	1.00	02/09/2004 14:40	
Total xylenes	ND	1.0	ug/L	1.00	02/09/2004 14:40	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	02/09/2004 14:40	
Surrogate(s)						
1,2-Dichloroethane-d4	94.4	76-130	%	1.00	02/09/2004 14:40	
Toluene-d8	104.8	78-115	%	1.00	02/09/2004 14:40	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

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Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170
Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/02/09-1C.65	
MB: 2004/02/09-1C.65-030				Date Extracted: 02/09/2004 11:30	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	02/09/2004 11:30	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	02/09/2004 11:30	
Benzene	ND	0.5	ug/L	02/09/2004 11:30	
Toluene	ND	0.5	ug/L	02/09/2004 11:30	
Ethylbenzene	ND	0.5	ug/L	02/09/2004 11:30	
Total xylenes	ND	1.0	ug/L	02/09/2004 11:30	
Surrogates(s)					
1,2-Dichloroethane-d4	104.2	76-130	%	02/09/2004 11:30	
Toluene-d8	100.8	78-115	%	02/09/2004 11:30	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

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Emeryville, CA 94608
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Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Laboratory Control Spike		Water		QC Batch # 2004/02/09-1C.65	
LCS	2004/02/09-1C.65-042	Extracted:	02/09/2004	Analyzed:	02/09/2004 10:42
LCSD	2004/02/09-1C.65-006	Extracted:	02/09/2004	Analyzed:	02/09/2004 11:06

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	24.9	29.1	25	99.6	116.4	15.6	65-165	20		
Benzene	26.0	25.1	25	104.0	100.4	3.5	69-129	20		
Toluene	27.2	26.5	25	108.8	106.0	2.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	503	491	500	100.6	98.2		76-130			
Toluene-d8	527	515	500	105.4	103.0		78-115			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/12/2004 18:16

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Batch QC Report			
Prep(s): 5030B			Test(s) 8260B
Matrix Spike (MS / MSD)	Water		QC Batch # 2004/02/09-1C.65
EFF >> MS			Lab ID: 2004-01-0817 - 004
MS: 2004/02/09-1C.65-012	Extracted: 02/09/2004	Analyzed: 02/09/2004 15:12	Dilution: 1.00
MSD: 2004/02/09-1C.65-035	Extracted: 02/09/2004	Analyzed: 02/09/2004 15:35	Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	27.2	26.6	ND	25	108.8	106.4	2.2	65-165	20		
Benzene	21.3	21.1	ND	25	85.2	84.4	0.9	69-129	20		
Toluene	22.2	21.9	ND	25	88.8	87.6	1.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	503	477		500	100.6	95.4		76-130			
Toluene-d8	523	523		500	104.6	104.6		78-115			

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02/12/2004 18:16

Page 8 of 9

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 01/30/2004 14:51

Site: 3790 Hopyard Road., Pleasanton

Legend and Notes

Sample Comment

Lab ID: 2004-01-0817 -4

gx

Siloxane peaks were found in the sample which are not believed to be gasoline related. If it qualifies as gasoline, concentration would be 67 ug/L.

Analysis Flag

o

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

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be Invoiced:

- SOILS AND GROUNDWATER
- AIR QUALITY
- WATER

2004-01-0817

Karen Polyna

INCIDENT NUMBER (SAB ONLY)

9 8 9 9 5 8 4 2

SAP OR CRM NUMBER (TS/CRAT)

DATE: 1-30-04

PAGE: 1 of 1

SAMPLING COMPANY Cambria Environmental Technology, Inc.		MAIL CODE CETS	SITE ADDRESS (Street and City) 3790 Hopyard Road, Pleasanton		GLOBAL ID NO. N/A
ADDRESS 5900 Hollis Street, Suite A, Emeryville, CA 94808		ECP DELIVERABLE TO (Personnel Name & Address) N/A		PHONE NO. N/A	COMBUSTANT PROJECT NO. 245-0497-003
PROJECT CONTACT (Name and Title) Cynthia Vasko		SAMPLER NAME (Print) VARTAN HANEDANIAN		LAB USE ONLY	
TELEPHONE 510-420-3344	FAX 510-420-0170	EMAIL cvasko@cambria-env.com			
TURNAROUND TIME (BUSINESS DAYS) <input checked="" type="checkbox"/> 30 DAYS <input type="checkbox"/> 15 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS					
<input type="checkbox"/> CA - RWQO REPORT FORMAT <input type="checkbox"/> LIST AGENCY GOALS MTRBE CONFIRMATION: HIGHEST _____ HIGHEST PERFORMING _____ ALL _____ SPECIAL INSTRUCTIONS OR NOTES: _____ CHECK BOX IF EOD IS NOT NEEDED <input checked="" type="checkbox"/>					

Flow Totalizer #: 848,580.0 Hour Meter #: 4663.2

FIELD NO.	Field Sample Identification		SAMPLING DATE - TIME		MATERIAL	NO. OF CONT.	TPEL - Preservative	TTH - Extractable (6015ml)	BTEX	METALS (P, Pb, Cd)	TMA	S Oxygenates	1,2 DCA and EDB	Ethanol	Methanol	VOCs by Xcel	Semi-Volatiles by E275C	Lead <input type="checkbox"/> Zinc <input type="checkbox"/> Nickel <input type="checkbox"/> Tellurium <input type="checkbox"/>	LUPITS <input type="checkbox"/> Lead <input type="checkbox"/> Nickel <input type="checkbox"/> Tellurium <input type="checkbox"/>	CAMEL <input type="checkbox"/> Tellurium <input type="checkbox"/> Nickel <input type="checkbox"/> Tellurium <input type="checkbox"/>	Test for Disposal	FIELD NOTES: Contains Preservative or PID Reading or Laboratory Notes 15.7 °C	TEMPERATURE ON RECEIPT (°C)		
	DATE	TIME																							
INF			1-30	2:00	AG	4	X		X	X													VOAs w/HCI		
MID.1			↓	1:55	AG	4	X		X	X														VOAs w/HCI	
MID.2			↓	1:50	AG	4	X		X	X														VOAs w/HCI	
EFF			↓	1:45	AG	4	X		X	X														VOAs w/HCI	

Requested by (Signature) <i>Vartan Hanedanian</i>	Received by (Signature) <i>[Signature]</i>	Date 01/30/04	Time 14:51
Requested by (Signature)	Received by (Signature)	Date	Time
Requested by (Signature)	Received by (Signature)	Date	Time

Cambria Environmental Emeryville

February 20, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Cynthia Vasko

Project#: 245-0497-003

Project: 98995842

Site: 3790 Hopyard Road, Pleasanton

Dear Ms. Vasko:

Attached is our report for your samples received on 02/06/2004 10:40

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 03/22/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

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

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	02/06/2004 09:45	Water	1
MID 1	02/06/2004 09:40	Water	2
MID 2	02/06/2004 09:35	Water	3
EFF	02/06/2004 09:30	Water	4

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/19/2004 17:12

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	INF	Lab ID:	2004-02-0265 - 1
Sampled:	02/06/2004 09:45	Extracted:	2/14/2004 01:28
Matrix:	Water	QC Batch#:	2004/02/13-2B.68
Analysis Flag: 0 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	02/14/2004 01:28	
Benzene	ND	5.0	ug/L	10.00	02/14/2004 01:28	
Toluene	ND	5.0	ug/L	10.00	02/14/2004 01:28	
Ethylbenzene	ND	5.0	ug/L	10.00	02/14/2004 01:28	
Total xylenes	ND	10	ug/L	10.00	02/14/2004 01:28	
Methyl tert-butyl ether (MTBE)	350	50	ug/L	10.00	02/14/2004 01:28	
Surrogate(s)						
1,2-Dichloroethane-d4	98.7	76-130	%	10.00	02/14/2004 01:28	
Toluene-d8	92.7	78-115	%	10.00	02/14/2004 01:28	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

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02/19/2004 17:12

Page 2 of 10

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170
Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 1	Lab ID:	2004-02-0265 - 2
Sampled:	02/06/2004 09:40	Extracted:	2/14/2004 01:46
Matrix:	Water	QC Batch#:	2004/02/13-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/14/2004 01:46	
Benzene	ND	0.50	ug/L	1.00	02/14/2004 01:46	
Toluene	ND	0.50	ug/L	1.00	02/14/2004 01:46	
Ethylbenzene	ND	0.50	ug/L	1.00	02/14/2004 01:46	
Total xylenes	ND	1.0	ug/L	1.00	02/14/2004 01:46	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	02/14/2004 01:46	
Surrogate(s)						
1,2-Dichloroethane-d4	97.0	76-130	%	1.00	02/14/2004 01:46	
Toluene-d8	89.4	78-115	%	1.00	02/14/2004 01:46	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

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Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID 2	Lab ID: 2004-02-0265-3
Sampled: 02/06/2004 09:35	Extracted: 2/16/2004 15:24
Matrix: Water	QC Batch#: 2004/02/16-1C 64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/16/2004 15:24	
Benzene	ND	0.50	ug/L	1.00	02/16/2004 15:24	
Toluene	ND	0.50	ug/L	1.00	02/16/2004 15:24	
Ethylbenzene	ND	0.50	ug/L	1.00	02/16/2004 15:24	
Total xylenes	ND	1.0	ug/L	1.00	02/16/2004 15:24	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	02/16/2004 15:24	
Surrogate(s)						
1,2-Dichloroethane-d4	87.0	76-130	%	1.00	02/16/2004 15:24	
Toluene-d8	95.7	78-115	%	1.00	02/16/2004 15:24	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

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Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5D30B	Test(s):	8260B
Sample ID:	EFF	Lab ID:	2004-02-0265 - 4
Sampled:	02/06/2004 09:30	Extracted:	2/14/2004 02:24
Matrix:	Water	QC Batch#:	2004/02/13-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/14/2004 02:24	
Benzene	ND	0.50	ug/L	1.00	02/14/2004 02:24	
Toluene	ND	0.50	ug/L	1.00	02/14/2004 02:24	
Ethylbenzene	ND	0.50	ug/L	1.00	02/14/2004 02:24	
Total xylenes	ND	1.0	ug/L	1.00	02/14/2004 02:24	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	02/14/2004 02:24	
Surrogate(s)						
1,2-Dichloroethane-d4	100.9	76-130	%	1.00	02/14/2004 02:24	
Toluene-d8	93.1	78-115	%	1.00	02/14/2004 02:24	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
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Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/02/13-2B.68	
MB: 2004/02/13-2B.68-056				Date Extracted: 02/13/2004 18:56	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	02/13/2004 18:56	
Benzene	ND	0.5	ug/L	02/13/2004 18:56	
Toluene	ND	0.5	ug/L	02/13/2004 18:56	
Ethylbenzene	ND	0.5	ug/L	02/13/2004 18:56	
Total xylenes	ND	1.0	ug/L	02/13/2004 18:56	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	02/13/2004 18:56	
Surrogates(s)					
1,2-Dichloroethane-d4	93.0	76-130	%	02/13/2004 18:56	
Toluene-d8	95.0	78-115	%	02/13/2004 18:56	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

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Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/02/16-1G.64	
MB: 2004/02/16-1G.64-013				Date Extracted: 02/16/2004 10:13	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	02/16/2004 10:13	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	02/16/2004 10:13	
Benzene	ND	0.5	ug/L	02/16/2004 10:13	
Toluene	ND	0.5	ug/L	02/16/2004 10:13	
Ethylbenzene	ND	0.5	ug/L	02/16/2004 10:13	
Total xylenes	ND	1.0	ug/L	02/16/2004 10:13	
Surrogates(s)					
1,2-Dichloroethane-d4	94.0	76-130	%	02/16/2004 10:13	
Toluene-d8	99.2	78-115	%	02/16/2004 10:13	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

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Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report									
Prep(s): 5030E					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/02/13-2B.68			
LCS	2004/02/13-2B.68-018		Extracted: 02/13/2004			Analyzed: 02/13/2004 18:18			
LCSD	2004/02/13-2B.68-037		Extracted: 02/13/2004			Analyzed: 02/13/2004 18:37			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	23.2	25.8	25	92.8	103.2	10.6	69-129	20		
Toluene	22.9	26.6	25	91.6	106.4	14.9	70-130	20		
Methyl tert-butyl ether (MTBE)	23.9	24.0	25	95.6	96.0	0.4	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	434	426	500	86.8	85.2		76-130			
Toluene-d8	468	481	500	93.6	96.2		78-115			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/19/2004 17:12

Page 8 of 10

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report			
Prep(s): 5030B		Test(s): 8260B	
Laboratory Control Spike		Water	
		QC Batch # 2004/02/16-1C.64	
LCS	2004/02/16-1C.64-028	Extracted: 02/16/2004	Analyzed: 02/16/2004 09:28
LCSD	2004/02/16-1C.64-051	Extracted: 02/16/2004	Analyzed: 02/16/2004 09:51

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.6	24.4	25	102.4	97.6	4.8	65-165	20		
Benzene	26.3	26.5	25	105.2	106.0	0.8	69-129	20		
Toluene	27.7	26.9	25	110.8	107.6	2.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	446	450	500	89.2	90.0		76-130			
Toluene-d8	499	514	500	99.8	102.8		78-115			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/19/2004 17:12

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Legend and Notes

Analysis Flag

o

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

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	02/06/2004 09:45	Water	1
EFF	02/06/2004 09:30	Water	4

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/19/2004 13:42

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: INF	Lab ID: 2004-02-0265 - 1
Sampled: 02/06/2004 09:45	Extracted: 2/16/2004 08:48
Matrix: Water	QC Batch#: 2004/02/16-03 10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	56	50	ug/L	1.00	02/16/2004 17:06	ndp
Surrogate(s)						
o-Terphenyl	125.3	50-150	%	1.00	02/16/2004 17:06	

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: EFF	Lab ID: 2004-02-0265 - 4
Sampled: 02/06/2004 09:30	Extracted: 2/16/2004 08:48
Matrix: Water	QC Batch#: 2004/02/16-03,10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	02/16/2004 17:33	
Surrogate(s) o-Terphenyl	113.2	50-150	%	1.00	02/16/2004 17:33	

Diesel (C9-C24)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3511				Test(s): 8015M	
Method Blank		Water		QC Batch # 2004/02/16-03.10	
MB: 2004/02/16-03.10-001				Date Extracted: 02/16/2004 08:48	

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	02/16/2004 13:46	
Surrogates(s) o-Terphenyl	137.8	50-150	%	02/16/2004 13:46	

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3511			Test(s): 8015M		
Laboratory Control Spike		Water		QC Batch # 2004/02/16-03.10	
LCS	2004/02/16-03.10-002	Extracted:	02/16/2004	Analyzed:	02/16/2004 12:51
LCSD	2004/02/16-03.10-003	Extracted:	02/16/2004	Analyzed:	02/16/2004 13:19

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	591	535	680	86.9	78.7	9.9	60-150	25		
Surrogates(s) o-Terphenyl	1.69	1.61	1.25	135.2	129.2		50-150	0		

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 02/06/2004 10:40

Site: 3790 Hopyard Road, Pleasanton

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

Shell Project Manager to be involved:

TECHNICAL SUPERVISOR
 OPERATIONAL SUPERVISOR
 OTHER (PLEASE SPECIFY)

Karen Patyna

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 2

CRIMINAL NUMBER (S&E ONLY)

DATE 2-6-04

PAGE 1 of 1

SAMPLE COMPANY: Cambria Environmental Technology, Inc.
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94608
PROJECT CONTACT (Name & POC Position): Cynthia Vaako
TELEPHONE: 510-420-3344 FAX: 510-420-9170 EMAIL: cvaako@cambria-env.com
LOG CODE: CETS
SITE ADDRESS (Street and City): 3780 Hopyard Road, Pleasanton
OFF. DELIVERABLE TO (Personnel Name & Designation): N/A PHONE NO.: N/A
SAMPLER NUMBER (ID#): VARTAN HANEDANIAN
LAB USE ONLY: 748-0497-003

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

LA - RIVOC'S REPORT FORMAT LIST AGENCY
GC/MS/MS/MS CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDO IS NOT NEEDED
Flow Totalizer = 899,575.0 Hour Meter = 4826.9

Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPE - Purgeable	TPE - Extractable (R15m)	BTEX	MTBE (5 ppb)	TBA	5 Oxygenates	US DCA and EDB	Ethanol	Methanol	VOCs by 8270C	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Test <input type="checkbox"/> 0.1mg/L <input type="checkbox"/> 1.0mg/L	LUPIS <input type="checkbox"/> Test <input type="checkbox"/> 0.1mg/L <input type="checkbox"/> 0.5mg/L	CAMP <input type="checkbox"/> Test <input type="checkbox"/> 0.1mg/L <input type="checkbox"/> 0.5mg/L	Test for Disposal	FIELD NOTES: Contains Preservative or PID Readings or Laboratory Notes 15.0°C TEMPERATURE ON RECEIPT (C)		
	DATE	TIME																				
INF	2-6	9:45	AQ	7	X	X	X	X													VOAs WHCI + BOAs Unpass	
MID 1	↓	9:40	AQ	4	X		X	X														VOAs WHCI
MID 2		9:45	AQ	4	X		X	X														VOAs WHCI
EFF	✓	9:50	AQ	7	X	X	X	X														VOAs WHCI + BOAs Unpass

Requested by (Signature): Vartan Hanedanian
Requested by (Signature): Denise Harrison / STL-SF
Date: 2/6/04
Time: 1040

Old copies: 010494-8702

Cambria Environmental Emeryville

March 19, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Cynthia Vasko

Project#: 245-0497-003

Project: 98995842

Site: 3790 Hopyard Road, Pleasanton

Dear Ms. Vasko:

Attached is our report for your samples received on 03/05/2004 15:30

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 04/19/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

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

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	03/05/2004 14:30	Water	1
MID 1	03/05/2004 14:25	Water	2
MID 2	03/05/2004 14:20	Water	3
EFF	03/05/2004 14:15	Water	4

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/17/2004 19:02

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: INF	Lab ID: 2004-03-0227-1
Sampled: 03/05/2004 14:30	Extracted: 3/11/2004 14:20
Matrix: Water	QC Batch#: 2004/03/11-1A 65
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	03/11/2004 14:20	
Benzene	ND	5.0	ug/L	10.00	03/11/2004 14:20	
Toluene	ND	5.0	ug/L	10.00	03/11/2004 14:20	
Ethylbenzene	ND	5.0	ug/L	10.00	03/11/2004 14:20	
Total xylenes	ND	10	ug/L	10.00	03/11/2004 14:20	
Methyl tert-butyl ether (MTBE)	370	50	ug/L	10.00	03/11/2004 14:20	
Surrogate(s)						
1,2-Dichloroethane-d4	87.9	76-130	%	10.00	03/11/2004 14:20	
Toluene-d8	88.7	78-115	%	10.00	03/11/2004 14:20	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 1	Lab ID:	2004-03-0227 - 2
Sampled:	03/05/2004 14:25	Extracted:	3/11/2004 14:42
Matrix:	Water	QC Batch#:	2004/03/11-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/11/2004 14:42	
Benzene	ND	0.50	ug/L	1.00	03/11/2004 14:42	
Toluene	ND	0.50	ug/L	1.00	03/11/2004 14:42	
Ethylbenzene	ND	0.50	ug/L	1.00	03/11/2004 14:42	
Total xylenes	ND	1.0	ug/L	1.00	03/11/2004 14:42	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	03/11/2004 14:42	
Surrogate(s)						
1,2-Dichloroethane-d4	85.9	76-130	%	1.00	03/11/2004 14:42	
Toluene-d8	91.9	78-115	%	1.00	03/11/2004 14:42	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 2	Lab ID:	2004-03-0227 - 3
Sampled:	03/05/2004 14:20	Extracted:	3/11/2004 15:04
Matrix:	Water	QC Batch#:	2004/03/11-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/11/2004 15:04	
Benzene	ND	0.50	ug/L	1.00	03/11/2004 15:04	
Toluene	ND	0.50	ug/L	1.00	03/11/2004 15:04	
Ethylbenzene	ND	0.50	ug/L	1.00	03/11/2004 15:04	
Total xylenes	ND	1.0	ug/L	1.00	03/11/2004 15:04	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	03/11/2004 15:04	
Surrogate(s)						
1,2-Dichloroethane-d4	89.0	76-130	%	1.00	03/11/2004 15:04	
Toluene-d8	90.8	78-115	%	1.00	03/11/2004 15:04	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: EFF	Lab ID: 2004-03-0227 - 4
Sampled: 03/05/2004 14:15	Extracted: 3/11/2004 15:27
Matrix: Water	QC Batch#: 2004/03/11-1A 65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/11/2004 15:27	
Benzene	ND	0.50	ug/L	1.00	03/11/2004 15:27	
Toluene	ND	0.50	ug/L	1.00	03/11/2004 15:27	
Ethylbenzene	ND	0.50	ug/L	1.00	03/11/2004 15:27	
Total xylenes	ND	1.0	ug/L	1.00	03/11/2004 15:27	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	03/11/2004 15:27	
Surrogate(s)						
1,2-Dichloroethane-d4	90.9	76-130	%	1.00	03/11/2004 15:27	
Toluene-d8	88.5	78-115	%	1.00	03/11/2004 15:27	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville
Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/03/11-1A.65	
MB: 2004/03/11-1A.65-042				Date Extracted: 03/11/2004 09:42	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/11/2004 09:42	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	03/11/2004 09:42	
Benzene	ND	0.5	ug/L	03/11/2004 09:42	
Toluene	ND	0.5	ug/L	03/11/2004 09:42	
Ethylbenzene	ND	0.5	ug/L	03/11/2004 09:42	
Total xylenes	ND	1.0	ug/L	03/11/2004 09:42	
Surrogates(s)					
1,2-Dichloroethane-d4	86.4	76-130	%	03/11/2004 09:42	
Toluene-d8	90.6	78-115	%	03/11/2004 09:42	

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report			
Prep(s): 5030B	Test(s): 8260B		
Laboratory Control Spike	Water	QC Batch # 2004/03/11-1A.65	
LCS 2004/03/11-1A.65-012	Extracted: 03/11/2004	Analyzed: 03/11/2004 10:12	
LCSD 2004/03/11-1A.65-017	Extracted: 03/11/2004	Analyzed: 03/11/2004 09:17	

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	17.9	19.8	25	71.6	79.2	10.1	65-165	20		
Benzene	19.6	19.9	25	78.4	79.6	1.5	69-129	20		
Toluene	20.4	20.5	25	81.6	82.0	0.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	417	427	500	83.4	85.4		76-130			
Toluene-d8	438	450	500	87.6	90.0		78-115			

Gas/BTEX/MTBE by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Legend and Notes

Analysis Flag

o

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

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	03/05/2004 14:30	Water	1
EFF	03/05/2004 14:15	Water	4

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: INF	Lab ID: 2004-03-0227 - 1
Sampled: 03/05/2004 14:38	Extracted: 3/15/2004 07:30
Matrix: Water	QC Batch#: 2004/03/15-02 10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	03/15/2004 19:43	
<i>Surrogate(s)</i> o-Terphenyl	144.0	50-150	%	1.00	03/15/2004 19:43	

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: EFF	Lab ID: 2004-03-0227 - 4
Sampled: 03/05/2004 14:15	Extracted: 3/9/2004 13:16
Matrix: Water	QC Batch#: 2004/03/09-04-10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	03/10/2004 11:20	
Surrogate(s)						
o-Terphenyl	140.1	50-150	%	1.00	03/10/2004 11:20	

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3511				Test(s): 8015M	
Method Blank		Water		QC Batch # 2004/03/09-04.10	
MB: 2004/03/09-04.10-001				Date Extracted: 03/09/2004 13:16	
Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	03/09/2004 18:27	
Surrogates(s) o-Terphenyl	137.9	50-150	%	03/09/2004 18:27	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/18/2004 15:00

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3511				Test(s): 8015M	
Method Blank		Water		QC Batch # 2004/03/15-02.10	
MB: 2004/03/15-02.10-003				Date Extracted: 03/15/2004 07:30	

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	03/15/2004 09:51	
Surrogates(s) o-Terphenyl	135.9	50-150	%	03/15/2004 09:51	

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A
Emeryville, CA 94608
Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003
98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3511			Test(s): 8015M		
Laboratory Control Spike		Water		QC Batch # 2004/03/09-04.10	
LCS	2004/03/09-04.10-002	Extracted:	03/09/2004	Analyzed:	03/09/2004 18:54
LCSD	2004/03/09-04.10-003	Extracted:	03/09/2004	Analyzed:	03/09/2004 19:21

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	458	506	680	67.4	74.4	9.9	60-150	25		
Surrogates(s) o-Terphenyl	1.70	1.76	1.25	135.6	140.7		50-150	0		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/18/2004 15:00

Page 6 of 7

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Cynthia Vasko

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3344 Fax: (510) 420-9170

Project: 245-0497-003

98995842

Received: 03/05/2004 15:30

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report									
Prep(s): 3511					Test(s): 8015M				
Laboratory Control Spike			Water			QC Batch # 2004/03/15-02.10			
LCS	2004/03/15-02.10-001		Extracted: 03/15/2004			Analyzed: 03/18/2004 12:11			
LCSD	2004/03/15-02.10-002		Extracted: 03/15/2004			Analyzed: 03/15/2004 10:18			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	436	512	680	64.1	75.3	17.0	60-150	25		
Surrogates(s) o-Terphenyl	1.62	1.72	1.25	129.8	137.6		50-150	0		

1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1099 fax

Shell Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- REGULATORY SERVICES
- ENVIRONMENTAL

Karen Petryna

INCIDENT NUMBER (USE ONLY)

9 8 9 9 5 8 4 2

SAP OF CRMT NUMBER (S/CRMT)

DATE: 3-5-04

PAGE: 1 of 1

SAMPLING COMPANY Cambria Environmental Technology, Inc.		LOG CODE CETS	SITE ADDRESS (Street and City) 3790 Hopyard Road, Pleasanton		GLOWN ID NO. N/A
ADDRESS 5000 Hollis Street, Suite A, Emeryville, CA 94608		PHONE NO. N/A	CORRECTIVE ACTION PROJECT NO. 245-0497-003		
PROJECT CONTACT (Name and Phone No.) Cynthia Vasko		SAMPLER NAME (Print) VARTAN HANEDANIAN		LAB USE ONLY	
TELEPHONE 510-420-3344	FAX 510-420-9170	E-MAIL cvasko@cambriaenv.com			
TURNAROUND TIME (BUSINESS DAYS) <input checked="" type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS					

<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> USE AGENCY		REQUESTED ANALYSIS				FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes 5.4°C TEMPERATURE ON RECEIPT
GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST PER BORING _____ ALL _____						
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF ADD IS NOT NEEDED <input checked="" type="checkbox"/>						

Field Sample Identification	SAMPLING		WATER	NO. OF CONT.	TPH - Filterable	TPH - Extractable (RP/Sec)	BTEX	MTBE (5 ppb)	TBA	8 Organics	11 DCA and SOB	Ethanol	Methanol	VOCs by E1908	Semi-Volatiles by E2100	Lead <input type="checkbox"/> Van <input type="checkbox"/> Ar <input type="checkbox"/> Cd <input type="checkbox"/> Hg	LUMTS <input type="checkbox"/> Van <input type="checkbox"/> Ar <input type="checkbox"/> Cd <input type="checkbox"/> Hg	Cadm <input type="checkbox"/> Van <input type="checkbox"/> Ar <input type="checkbox"/> Cd <input type="checkbox"/> Hg	Test by Disposal			
	DATE	TIME																				
INF	3-5	2:20	AO	7	X	X	X	X													VOCs w/HCI + UOA's U/prop	
MID 1	1	2:25	AO	4	X		X	X														VOCs w/HCI
MID 2		2:20	AO	4	X		X	X														VOCs w/HCI
EFF	✓	2:15	AO	7	X	X	X	X														VOCs w/HCI + UOA's U/prop

Requested by (Signature) <i>Vartan Hanedanian</i>	Received by (Signature) <i>Devin Harrison/STL SE</i>	Date 3/5/04	Time 1530
Requested by (Printed)	Received by (Printed)	Date	Time
Requested by (Signature)	Received by (Signature)	Date	Time