

RO-363



June 28, 2004

Alameda County
JUL 02 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 *Second 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

A handwritten signature in cursive script that reads "Karen Petryna".

Karen Petryna
Sr. Environmental Engineer

June 28, 2004

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

Re: **Groundwater Monitoring Report – Second 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.

SECOND 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 map (Figure 2), and isoconcentration contour maps for total petroleum hydrocarbon as gasoline (TPHg) (Figure 3), benzene (Figure 4), methyl tert butyl ether (MTBE) (Figure 5), and tertiary butyl alcohol (TBA) (Figure 6). Blaine's report, presenting the laboratory report, is included as Appendix A. Also, the historical groundwater monitoring data table in Appendix A has been revised to include data from sample events prior to March 1991.

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. The influent MTBE concentration on June 4, 2004 was below the detection limit of 100 parts per billion. 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 well SR-1 to capture TPHg and benzene and from SR-2 to capture TBA.

**Cambria
Environmental
Technology, Inc.**

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C A M B R I A

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.

Other Site Activities: In our first quarter 2004 monitoring report, Cambria notified the Alameda County Health Care Services Agency (ACHCSA) that we were proceeding with implementation of a portion of the scope of work proposed in Cambria's April 30, 2003 *Subsurface Investigation Work Plan*. In response, Cambria received a copy of correspondence from the ACHCSA to Shell dated May 5, 2004 requesting additional activities. Thus, proposed vertical assessment activities scheduled for the first week of June were cancelled, pending submittal of a response to the ACHCSA correspondence.

ANTICIPATED THIRD QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine will gauge and sample the site wells and tabulate the data. Cambria will prepare a monitoring report. As requested in the ACHCSA letter dated May 5, 2004, the sample event will include analysis of the five fuel oxygenates and ethanol. Isoconcentration contour maps will be prepared for TPHg, benzene and all detected fuel oxygenates, as requested.

Groundwater Remediation: Cambria will continue to operate the GWE system. Additionally, to reduce the residual mass of MTBE outside of the GWE system capture zone, periodic GWE using a vacuum truck at wells S-7 and S-9 will be scheduled and the results reported in the third quarter monitoring report.

Other Site Activities: Under separate cover, Cambria will submit a response letter, revised site conceptual model, and modified work plan for site investigation activities, in response to the ACHCSA letter dated May 5, 2004.

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

C A M B R I A

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.

Mobile 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.

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 Map |
| Figure 3. | TPHg Isoconcentration Contour Map |
| Figure 4. | Benzene Isoconcentration Contour Map |
| Figure 5. | MTBE Isoconcentration Contour Map |
| Figure 6. | TBA Isoconcentration Contour Map |
| Appendix A. | Blaine Tech Services, Inc. - Groundwater Monitoring Report |
| Appendix B. | GWE System Certified Analytical Reports |

C A M B R I A

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



Table 1. Groundwater Extraction System Analytical Results, Shell-branded Service Station, 3790 Hopyard Road, Pleasanton, California

Sample Date (mm/dd/yy)	Influent				Midfluent 1			Midfluent 2			Effluent			
	TPHg Conc. (ppb)	TPHd Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPHg Conc. (ppb)	TPHd Conc. (ppb)	Benzene Conc (ppb)	MTBE Conc. (ppb)
07/01/03	<2,500	810 ¹	<25	3,400	<50	<0.50	<0.50	<50	<0.50	<0.50	<50	200 ¹	<0.50	<0.50
07/21/03	<2,500	67 ¹	<25	5,400	<500	<5.0	160	<250	<2.5	<2.5	<50	<50	<0.50	<0.50
08/01/03	<1,300	57 ¹	<13	3,700	<250	<2.5	190	54 ²	<0.50	<0.50	<50	<50	<0.50	<0.50
08/15/03	<1,000	470 ¹	<10	2,200	<250	<2.5	380	<100	<1.0	<1.0	<50	76 ¹	<0.50	<0.50
09/11/03	<1,000	<50	<10	2,400	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<50	<0.50	<5.0
09/25/03	<1,000	NA	<10	2,600	<250	<2.5	<25	<250	<2.5	<25	<50	NA	<0.50	<5.0
10/10/03	<5,000	67 ¹	<50	1,800	<100	<1.0	85	<100	<10	<10	<100	<10	<1.0	<10
10/24/03	<500	NA	<5.0	1,500	<500	<5.0	75	<500	<5.0	<5.0	<500	NA	<5.0	<5.0
11/21/03	<1,000	<50 ³	<10	1,300	<250	<2.5	25	<250	<2.5	<2.5	<50	<50 ³	<0.50	<0.50
12/05/03	<1,000	<50	<10	1,200	<250	<2.5	110	<50	<0.50	<5.0	<50	<50	<0.50	<5.0
12/19/03	<1,000	NA	<10	950	<250	<2.5	150	<50	<0.50	<5.0	<50	NA	<0.50	<5.0
01/16/04	<50	220 ¹	<0.50	57	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<50	<0.50	<5.0
01/30/04	<500	NA	<5.0	460	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	NA	<0.50	<5.0
02/06/04	<500	56 ¹	<5.0	350	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<50	<0.50	<5.0
03/05/04	<500	<50	<5.0	370	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<50	<0.50	<5.0
04/02/04	<1,000	230 ¹	<10	200	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<50	<0.50	<5.0
05/14/04	<1,000	<50	<10	110	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<50	<0.50	<5.0
06/04/04	<1,000	<50	<10	<100	<50	<0.50	<5.0	<50	<0.50	<5.0	<50	<50	<0.50	<5.0

Abbreviations & Notes:

TPHg/d = Total purgeable hydrocarbons as gasoline/diesel
 MTBE = Methyl tert-butyl ether
 ppb = parts per billion
 TPHg, benzene and MTBE analyzed by EPA Method 8260
 TPHd analyzed by EPA Method 8015M.

Table 1. Groundwater Extraction System Analytical Results, Shell-branded Service Station, 3790 Hopyard Road, Pleasanton, California

Discharge Limits: TPHg & TPHd = 15.0 mg/L, BTEX = 1.00 mg/L, MTBE = not applicable

NA = Not analyzed

1 = Hydrocarbon reported does not match the laboratory standard diesel pattern

2 = Hydrocarbon reported as gasoline does not match the laboratory gasoline standard

3 = The initial analysis failed QA/QC. A second analysis was conducted outside of hold time for which QA/QC passed. Both analyses reported similar results (<50ppb).

Table 2. Groundwater Extraction System Mass Removal Data, Shell-branded Service Station, 3790 Hopyard Road, Pleasanton, 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	10.229		
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	11.243		
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	11.283		
11/12/03	514,680	91,270	4,804	514,233	NS	0.190	3.790	NS	0.002	0.038	NS	1.142	12.425		
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	12.877		
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	13.503		
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	13.994		
01/06/04	745,460	64,639	3,591	745,013	NS	0.270	4.753	NS	0.003	0.048	NS	0.512	14.507		
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	14.525		
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	14.773		
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	14.863		
02/20/04	929,280	49,705	3,550	928,833	NS	0.104	5.064	NS	0.001	0.051	NS	0.145	15.009		
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	15.146		
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	15.252		
04/02/04	1,030,183	22,182	1,584	1,029,736	<1,000	0.093	5.321	<10	0.001	0.053	200	0.037	15.289		
04/16/04	1,052,225	22,042	1,574	1,051,778	NS	0.092	5.413	NS	0.001	0.054	NS	0.037	15.325		
04/30/04	1,085,954	33,729	2,409	1,085,507	NS	0.141	5.553	NS	0.001	0.056	NS	0.056	15.382		
05/14/04	1,118,933	32,979	2,356	1,118,486	<1,000	0.138	5.691	<10	0.001	0.057	110	0.030	15.412		
05/24/04	1,142,083	23,150	2,315	1,141,636	NS	0.097	5.788	NS	0.001	0.058	NS	0.021	15.433		
06/04/04	1,168,145	26,062	2,369	1,167,698	<1,000	0.109	5.896	<10	0.001	0.059	<100	0.011	15.444		
Total Gallons Extracted:				1,167,698	Total Pounds Removed:			5.90	Total Pounds Removed:			0.059	Total Pounds Removed:		15.4
					Total Gallons Removed:			0.968	Total Gallons Removed:			0.008	Total Gallons Removed:		2.50

Abbreviations & Notes:

TPHg = Total purgeable hydrocarbons as gasoline

MTBE = Methyl tert-butyl ether

Table 2. Groundwater Extraction System Mass Removal Data, Shell-branded Service Station, 3790 Hopyard Road, Pleasanton, California

Conc. = Concentration

ppb = Parts per billion, equivalent to $\mu\text{g/L}$

$\mu\text{g/L}$ = Micrograms per liter

L = Liter

gal = Gallon

g = Gram

NS = Not Sampled

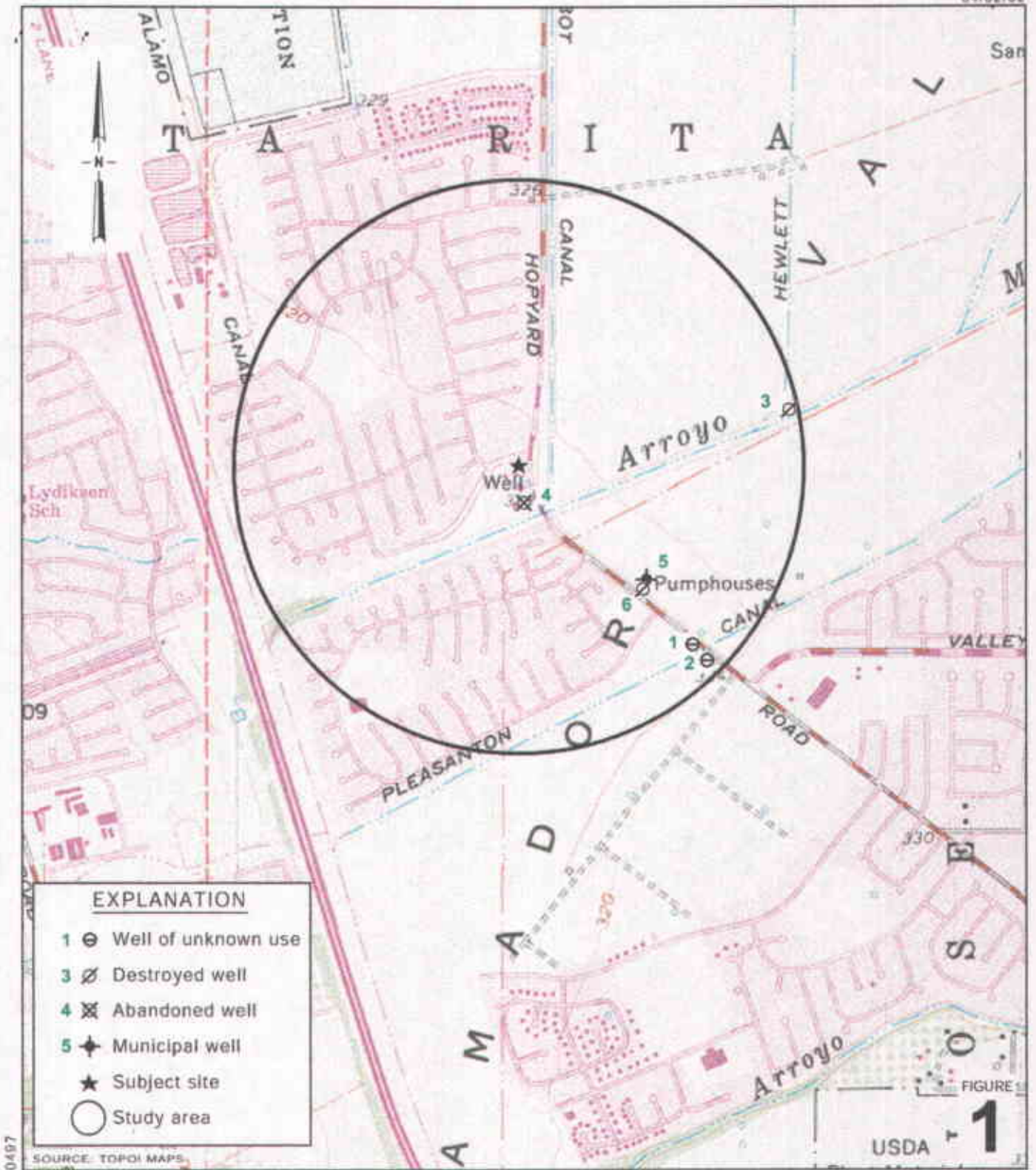
TPHg, benzene and MTBE analyzed by EPA Method 8260

Mass removed based on the formula: volume extracted (gal) x Concentration ($\mu\text{g/L}$) x ($\text{g}/10^6\mu\text{g}$) x (pound/453.6g) x (3.785 L/gal)

When constituents are not detected, the concentration is assumed to be equal to half the detection limit in subsequent calculations.

Volume removal data based on the formula: mass (pounds) x (density)⁻¹ (cc/g) x 453.6 (g/pound) x (L/1000 cc) * (gal/3.785 L)

Density inputs: TPHg = 0.73 g/cc, benzene = 0.88 g/cc, MTBE = 0.74 g/cc

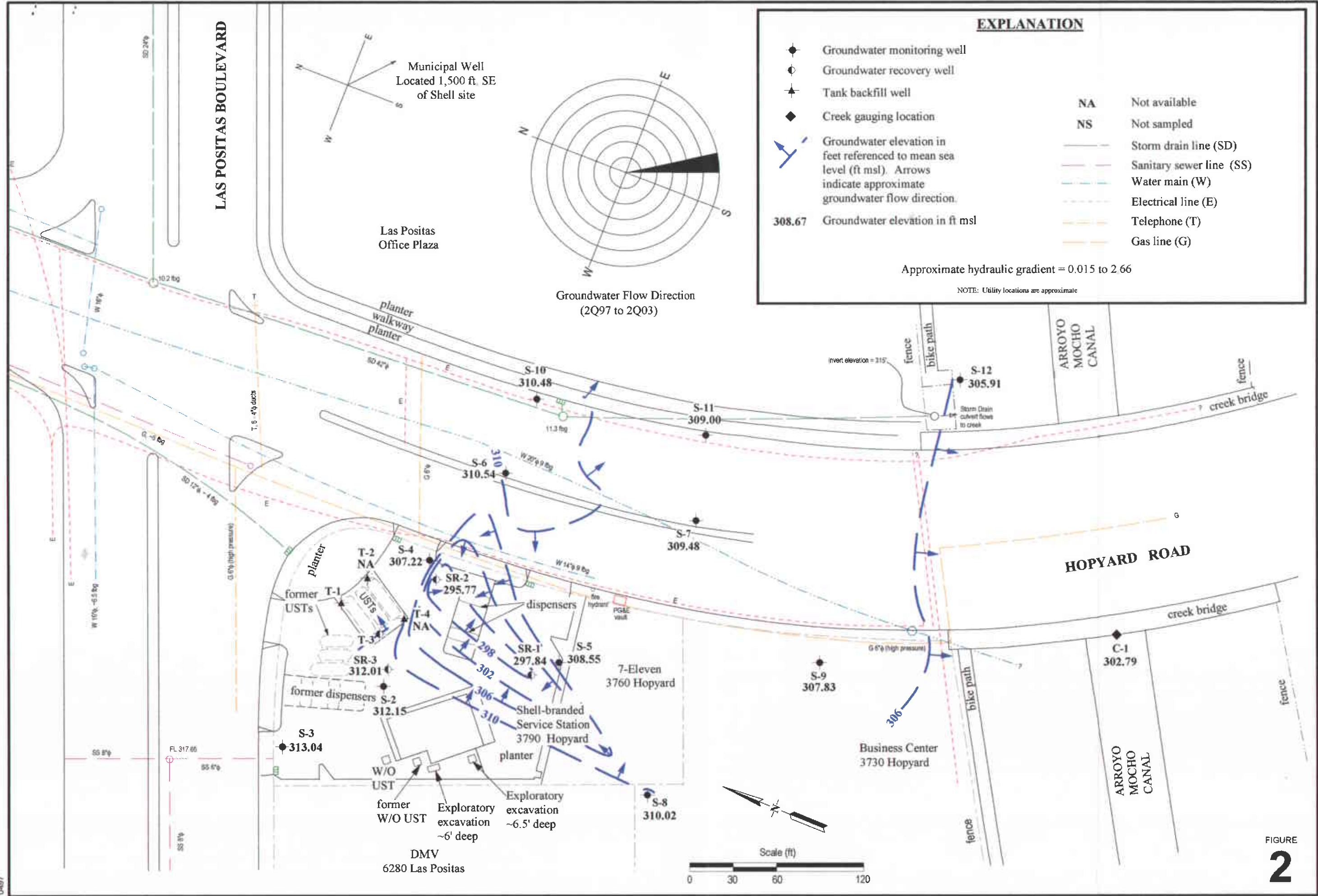


Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California



**Vicinity/Area Well
 Survey Map**

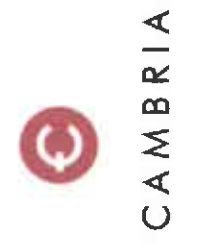
1/2 Mile Radius



EXPLANATION

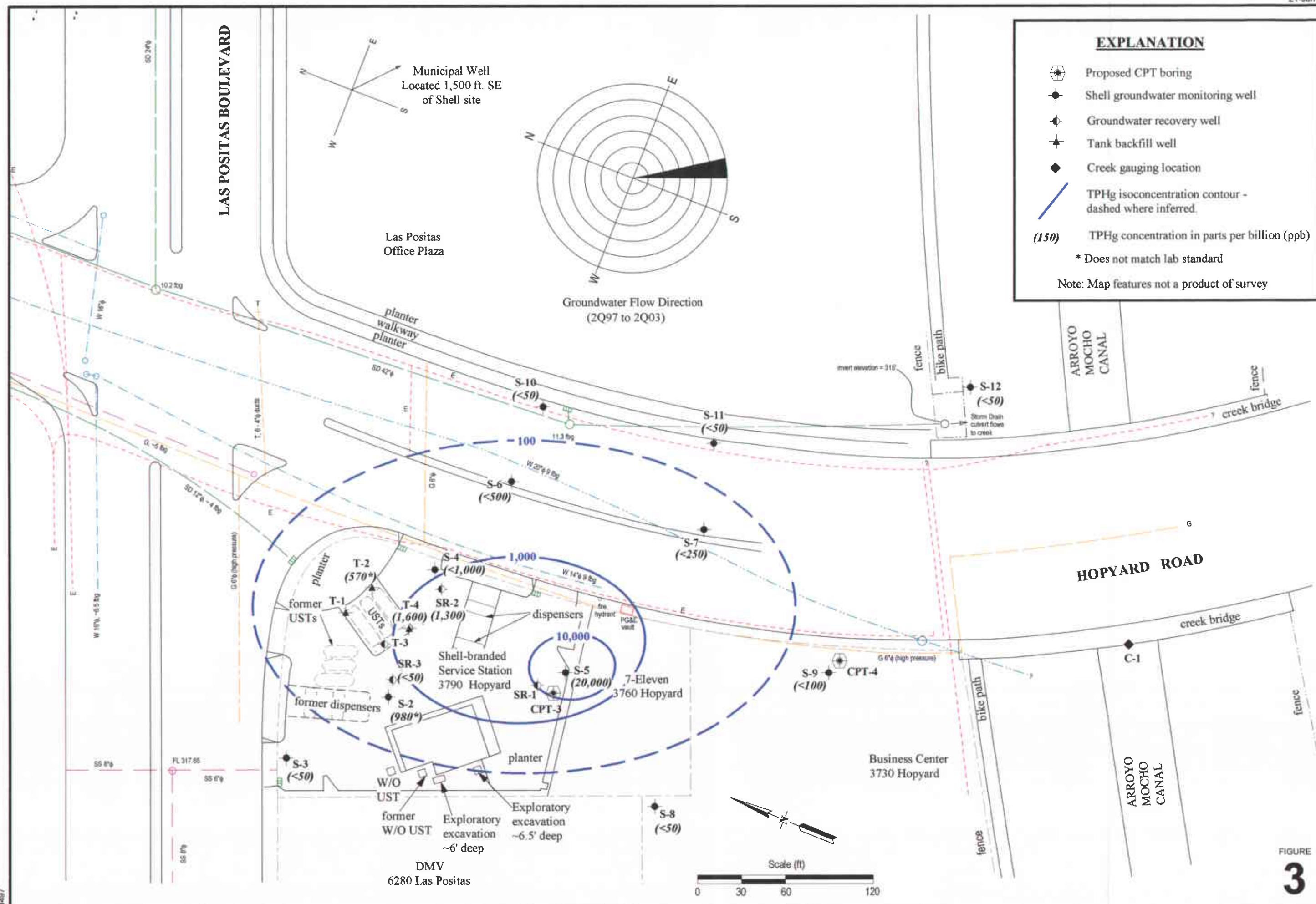
- ◆ Groundwater monitoring well
- ◊ Groundwater recovery well
- ★ Tank backfill well
- ◆ Creek gauging location
- ↙ Groundwater elevation in feet referenced to mean sea level (ft msl). Arrows indicate approximate groundwater flow direction.
- 308.67 Groundwater elevation in ft msl
- NA Not available
- NS Not sampled
- Storm drain line (SD)
- Sanitary sewer line (SS)
- Water main (W)
- Electrical line (E)
- Telephone (T)
- Gas line (G)

Approximate hydraulic gradient = 0.015 to 2.66
NOTE: Utility locations are approximate



Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

FIGURE
2

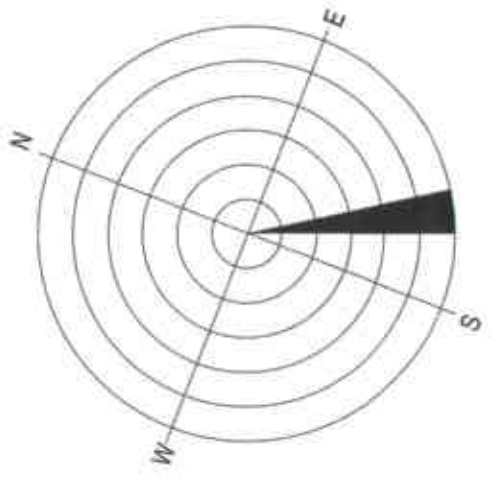
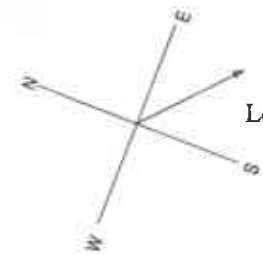


EXPLANATION

- Proposed CPT boring
- Shell groundwater monitoring well
- Groundwater recovery well
- Tank backfill well
- Creek gauging location
- TPHg isoconcentration contour - dashed where inferred.
- (150) TPHg concentration in parts per billion (ppb)
- * Does not match lab standard

Note: Map features not a product of survey

Municipal Well
Located 1,500 ft. SE
of Shell site



Groundwater Flow Direction
(2Q97 to 2Q03)

Las Positas
Office Plaza

LAS POSITAS BOULEVARD

HOPYARD ROAD

ARROYO
MOCHO
CANAL

TPHg Isoconcentration Contour Map

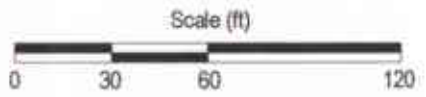
April 7, 2004



CAMBRIA

Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California

FIGURE
3



DMV
6280 Las Positas

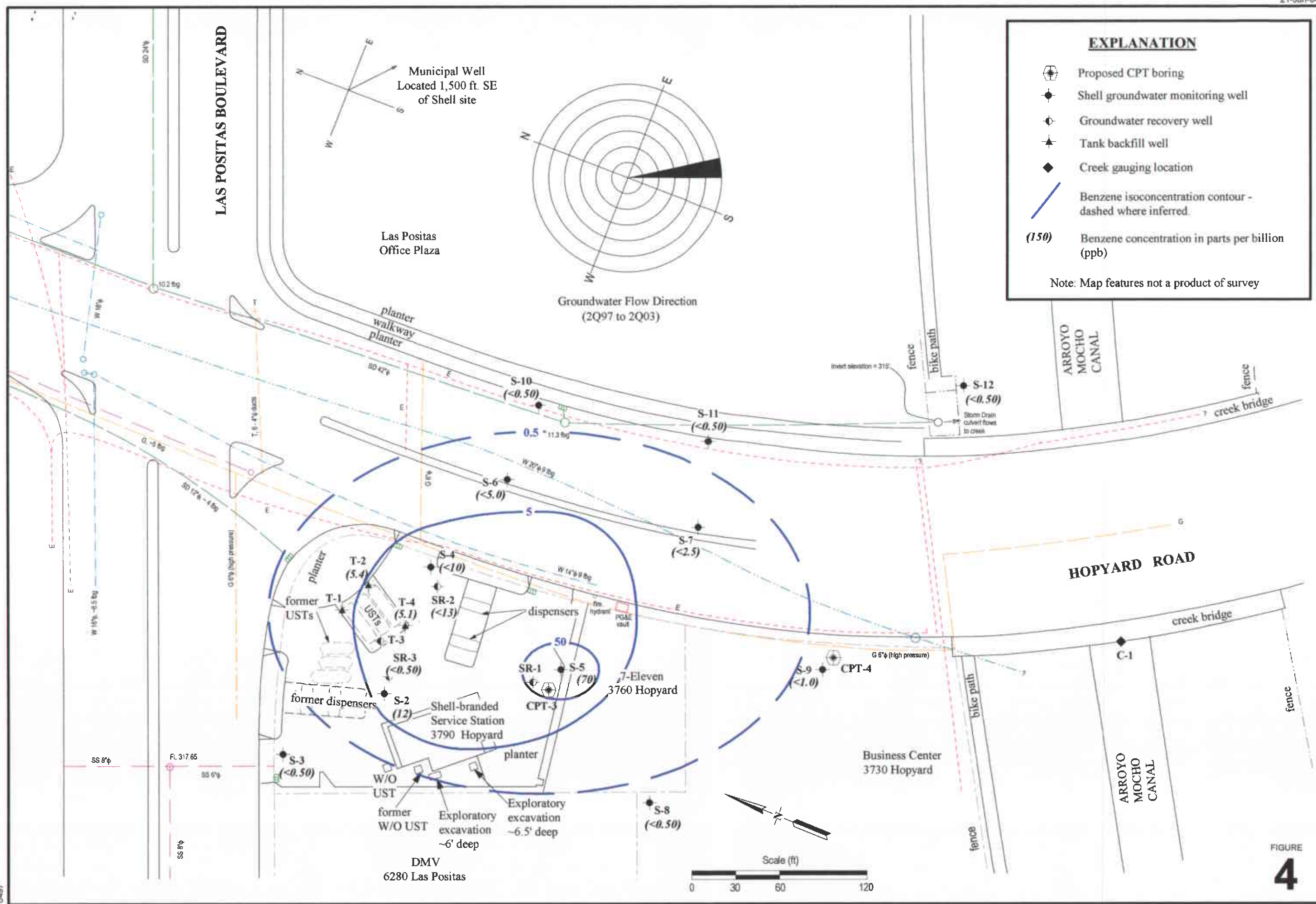
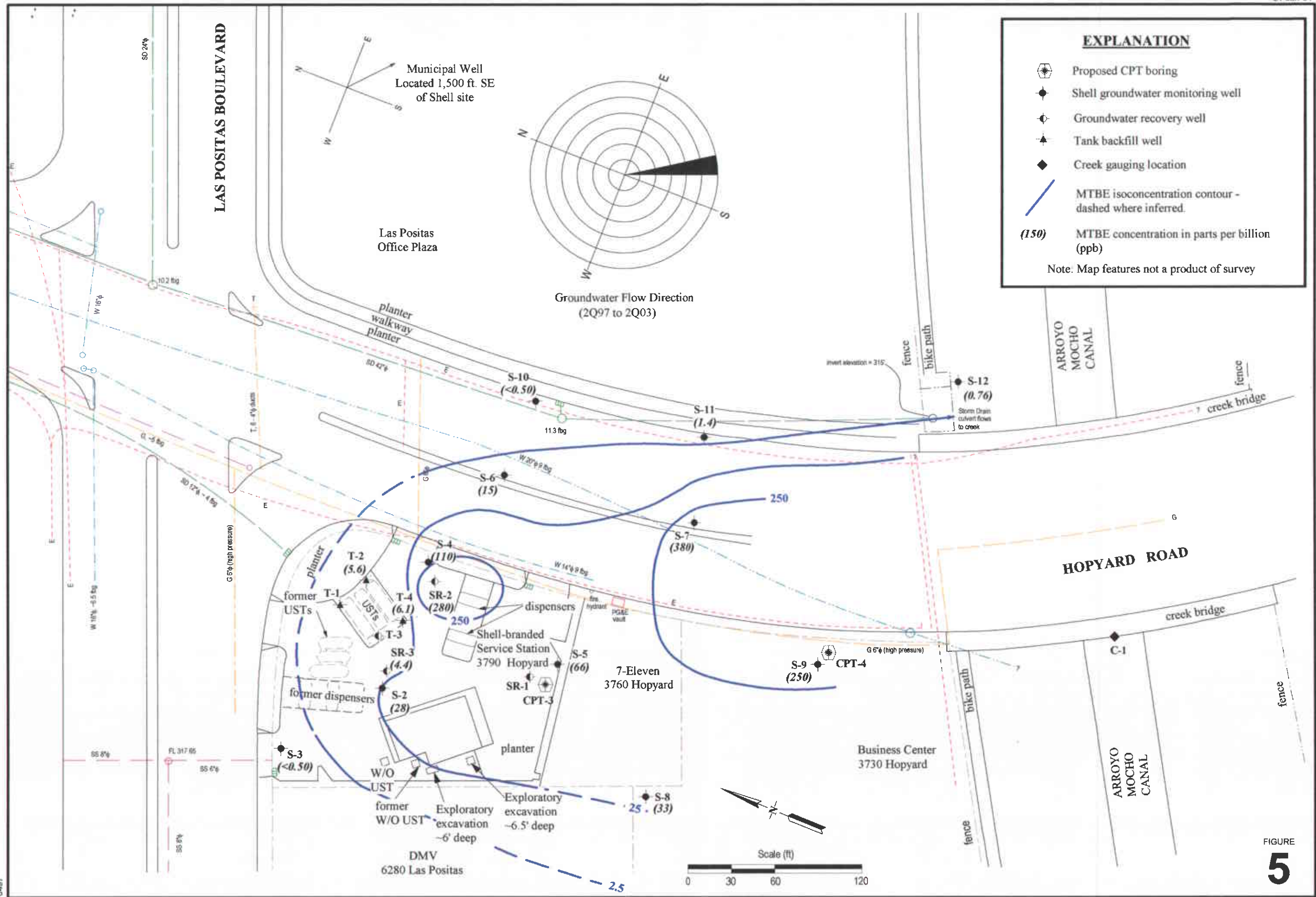


FIGURE 4



EXPLANATION

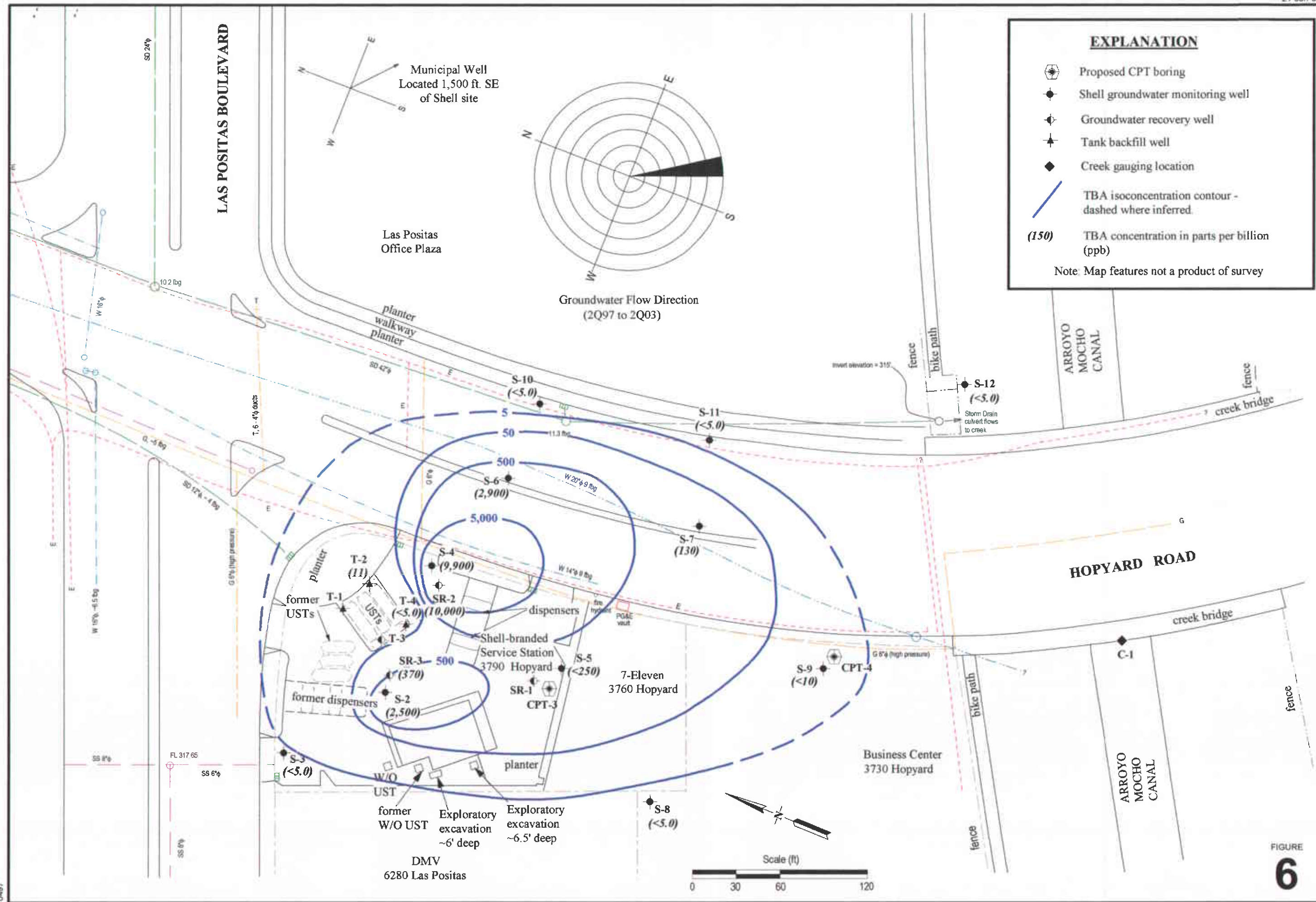
- Proposed CPT boring
- Shell groundwater monitoring well
- Groundwater recovery well
- Tank backfill well
- Creek gauging location
- MTBE isoconcentration contour - dashed where inferred.

(150) MTBE concentration in parts per billion (ppb)

Note: Map features not a product of survey

FIGURE 5

0467



Appendix A
Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES, INC.



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

May 15, 2004

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

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

Monitoring performed on April 7, 2004

Groundwater Monitoring Report 040407-AC-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/ks

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-1	11/06/1987	920	NA	230	<5	150	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-1	02/14/1988	3,500	NA	1,300	<40	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	11/06/1987	16,000	NA	870	100	2,700	2,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	02/14/1988	1,800	NA	440	<10	140	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	10/13/1988	550	NA	110	1	45	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	01/31/1989	620	NA	170	2	62	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	03/07/1989	1,900	NA	260	270	130	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	06/26/1989	320	NA	88	1	32	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	09/08/1989	230	NA	80	1	30	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	12/14/1989	160	NA	56	0.5	21	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	03/05/1990	710	NA	57	<0.5	<0.5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	06/14/1990	110	NA	39	0.5	11	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	10/02/1990	290	NA	84	1.7	180	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	12/18/1990	61	NA	18	1.4	2.2	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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

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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-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	08/18/2002	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
S-2	04/07/2004	980 e	NA	12	<2.5	<2.5	<5.0	NA	28	NA	NA	NA	2,500	NA	NA	328.77	16.62	312.15	NA
S-3	02/14/1988	<50	NA	<0.5	<1	<4	<4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	10/13/1988	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	01/31/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	03/07/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	06/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	09/08/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	12/14/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	03/05/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	06/14/1990	<500	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	10/02/1990	<50	NA	<0.5	<0.5	<0.5	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	12/18/1990	<50	NA	<0.5	1.6	<0.5	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	06/28/1991	<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

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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 8280 (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	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	06/15/2000	<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	<50	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-3	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	14.36	313.04	NA
S-4	02/14/1988	5,100	NA	160	8	730	730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	10/13/1988	530	NA	24	1	25	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	01/31/1989	1,100	NA	33	2	20	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	03/07/1989	650	NA	37	1	35	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	06/26/1989	670	NA	110	<1	85	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	09/08/1989	380	NA	32	<1	36	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	12/14/1989	210	NA	21	<0.5	30	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	03/05/1990	350	NA	43	<0.5	24	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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S-4	06/14/1990	430	NA	74	<0.5	71	46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	10/02/1990	700	NA	74	2.2	100	55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	12/18/1990	1,400	NA	180	2.9	280	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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
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	1,800	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	280	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	06/16/1994	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)	06/16/1994	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	06/12/1996	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

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-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
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-4	04/07/2004	<1,000	NA	<10	<10	<10	<20	NA	110	NA	NA	NA	9,900	NA	NA	328.11	20.89	307.22	NA

S-5	02/14/1988	1,000	NA	40	86	180	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	10/13/1988	560	NA	66	20	18	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	01/31/1989	180	NA	27	8	9	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	03/07/1989	3,800	NA	520	530	260	570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	06/26/1989	<50	NA	3.8	<1	2	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	09/08/1989	110	NA	25	2	2	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	12/14/1989	1,700	NA	300	86	67	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	03/05/1990	1,100	NA	100	110	79	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	06/14/1990	800	NA	94	36	40	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	10/02/1990	4,500	NA	1,400	160	260	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	11/20/1990	16,000	NA	4,600	720	790	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	12/18/1990	25,000	NA	7,600	1,100	1,300	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	60	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

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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	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	8	<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
S-5	07/08/2003	<1,000	NA	<10	<10	<10	<20	NA	320	NA	NA	NA	<100	NA	NA	329.36	19.00	310.38	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-5	04/07/2004	20,000	NA	70	<25	230	290	NA	66	NA	NA	NA	<250	NA	NA	329.36	20.81	308.55	NA
S-6	10/13/1988	1100	NA	13.0	1	42	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	01/31/1989	340	NA	3.8	<1	8	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	03/07/1989	190	NA	3.8	<1	7	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	06/26/1989	480	NA	15	<1	6	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	08/08/1989	270	NA	1.3	1	7	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	12/15/1989	320	NA	1.0	<0.5	2.6	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	03/06/1990	420	NA	3.1	<0.5	14	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	06/14/1990	370	NA	3.7	0.9	4.8	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	10/02/1990	190	NA	6.6	1.6	1.9	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	12/18/1990	430	NA	10	0.7	1.6	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Shell-branded Service Station
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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 8280 (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	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	60	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
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

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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-6	04/07/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	15	NA	NA	NA	2,900	NA	NA	327.26	16.72	310.54	NA
S-7	10/13/1988	<50	NA	0.6	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	01/31/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	03/07/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	06/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	09/08/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	12/15/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	03/06/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	06/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	10/02/1990	<50	NA	<0.5	0.6	<0.5	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	12/18/1990	<50	NA	0.5	<0.5	<0.5	0.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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

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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-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	16.28	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
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-7	04/07/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	380	NA	NA	NA	130	NA	NA	328.41	18.93	309.48	NA
S-8	03/07/1989	<50	NA	1.2	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	06/26/1989	<50	NA	0.8	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	09/08/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	12/14/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	03/05/1990	<50	NA	<0.5	0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	06/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	10/02/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	12/18/1990	<50	NA	2.9	7.0	1.0	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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

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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	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	06/17/1999	<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
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-8	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	33	NA	NA	NA	<5.0	NA	NA	326.14	16.12	310.02	NA
S-9	03/07/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	06/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	09/08/1989	<50	NA	1.7	2	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/15/1989	<50	NA	0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	03/06/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	06/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	10/02/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/18/1990	<50	NA	20	27	7.1	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	03/07/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	06/26/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	09/08/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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-9	12/15/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	03/06/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	06/14/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/02/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/18/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	06/28/1991	<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	312.85	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

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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-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
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-9	04/07/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	250	NA	NA	NA	<10	NA	NA	327.85	20.02	307.83	NA
S-10	08/11/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	09/08/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	12/15/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	03/06/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	08/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	10/02/1990	<50	NA	<0.5	<0.5	<0.5	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	12/18/1990	<50	NA	<0.5	<0.5	<0.5	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	06/26/1991	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

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-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	313.28	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
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-10	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	325.87	15.39	310.48	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-11	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	<5.0	NA	NA	327.48	18.48	309.00	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
S-12	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.76	NA	NA	NA	<5.0	NA	NA	322.76	16.85	305.91	NA
SR-1	10/11/1989	200	NA	100	<1	<10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	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)
SR-1	12/14/1989	500	NA	210	<0.5	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	03/05/1990	64	NA	20	<0.5	1.5	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	06/14/1990	80	NA	17	<0.5	1.9	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	10/02/1990	<50	NA	5.0	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	12/18/1990	<50	NA	28	5.5	4.5	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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-1	04/07/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.33	30.79	297.54	NA
SR-2	10/11/1989	880	NA	<10	1.0	29	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	12/14/1989	1100	NA	17	<0.5	100	67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	03/05/1990	140	NA	3.0	<0.5	12	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	06/14/1990	<50	NA	<0.5	<0.5	2.6	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	10/02/1990	<50	NA	<0.5	<0.5	0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	12/18/1990	<50	NA	1.6	1.4	1.6	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	296.83	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
SR-2	04/07/2004	<1,300	NA	<13	<13	<13	<25	NA	280	NA	NA	NA	10,000	NA	NA	327.31	31.54	295.77	NA
SR-3	12/11/1989	500	NA	92	10	43	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	12/14/1989	2,400	NA	310	27	170	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	03/05/1990	70	NA	15	0.8	5.8	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	06/14/1990	470	NA	59	2.3	35	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	10/02/1990	1,700	NA	91	8.2	7.0	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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SR-3	12/18/1990	140	NA	10	0.8	7.5	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
SR-3	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.4	NA	NA	NA	370	NA	NA	327.50	15.49	312.01	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	2.8	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-2	04/07/2004	570 e	NA	5.4	<0.50	<0.50	1.2	NA	5.6	NA	NA	NA	11	NA	NA	NA	10.54	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

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)
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
T-4	04/07/2004	1,600	NA	5.1	0.57	<0.50	2.3	NA	6.1	NA	NA	NA	<5.0	NA	NA	NA	11.15	NA	NA
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
C-1	04/07/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.54	302.79	NA

Abbreviations:

TEPH = Total petroleum hydrocarbons as diesel.

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

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

TBA = Tertiary butyl alcohol

1,2-DCA = 1,2-Dichloroethane

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

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 8280 (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)
---------	------	----------------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	-------------------	-------------------	--------------	----------------------------	--------------------------	------------------------

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, CA.

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, CA.

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

Blaine Tech Services, Inc.

April 09, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105
Attn.: Leon Gearhart
Project#: BTS# 040407-ACI
Project: 98995842
Site: 3790 Hopyard., Pleasanton

Dear Mr.Gearhart,

Attached is our report for your samples received on 04/08/2004 16:03

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 05/23/2004 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 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# 040407-ACI
98995842

Received: 04/08/2004 16:03

Site: 3790 Hopyard., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-5	04/07/2004 12:10	Water	1

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# 040407-ACI
98995842

Received: 04/08/2004 16:03

Site: 3790 Hopyard., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-5	Lab ID: 2004-04-0241 - 1
Sampled: 04/07/2004 12:10	Extracted: 4/9/2004 10:10
Matrix: Water	QC Batch#: 2004/04/09 1A.68
Analysis Flag: o. (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	20000	2500	ug/L	50.00	04/09/2004 10:10	
Benzene	70	25	ug/L	50.00	04/09/2004 10:10	
Toluene	ND	25	ug/L	50.00	04/09/2004 10:10	
Ethylbenzene	230	25	ug/L	50.00	04/09/2004 10:10	
Total xylenes	290	50	ug/L	50.00	04/09/2004 10:10	
tert-Butyl alcohol (TBA)	ND	250	ug/L	50.00	04/09/2004 10:10	
Methyl tert-butyl ether (MTBE)	66	25	ug/L	50.00	04/09/2004 10:10	
Surrogate(s)						
1,2-Dichloroethane-d4	93.6	76-130	%	50.00	04/09/2004 10:10	
Toluene-d8	94.4	78-115	%	50.00	04/09/2004 10:10	

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# 040407-ACI
98995842

Received: 04/08/2004 16:03

Site: 3790 Hopyard., Pleasanton

Batch QC Report			
Prep(s): 5030B			Test(s): 8260B
Method Blank	Water		QC Batch # 2004/04/09-1A.68
MB: 2004/04/09-1A.68-047			Date Extracted: 04/09/2004 08:47

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/09/2004 08:47	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	04/09/2004 08:47	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/09/2004 08:47	
Benzene	ND	0.5	ug/L	04/09/2004 08:47	
Toluene	ND	0.5	ug/L	04/09/2004 08:47	
Ethylbenzene	ND	0.5	ug/L	04/09/2004 08:47	
Total xylenes	ND	1.0	ug/L	04/09/2004 08:47	
Surrogates(s)					
1,2-Dichloroethane-d4	87.0	76-130	%	04/09/2004 08:47	
Toluene-d8	92.4	78-115	%	04/09/2004 08:47	

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# 040407-ACI
98995842

Received: 04/08/2004 16:03

Site: 3790 Hopyard., Pleasanton

Batch QC Report			
Prep(s): 5030B		Test(s): 8260B	
Laboratory Control Spike		Water	QC Batch # 2004/04/09-1A.68
LCS	2004/04/09-1A.68-009	Extracted: 04/09/2004	Analyzed: 04/09/2004 08:09
LCSD	2004/04/09-1A.68-028	Extracted: 04/09/2004	Analyzed: 04/09/2004 08:28

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.2	21.1	25	92.8	84.4	9.5	65-165	20		
Benzene	22.3	22.0	25	89.2	88.0	1.4	69-129	20		
Toluene	23.1	22.6	25	92.4	90.4	2.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	424	413	500	84.8	82.6		76-130			
Toluene-d8	459	465	500	91.8	93.0		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

05/10/2004 12:36

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# 040407-ACI
98995842

Received: 04/08/2004 16:03

Site: 3790 Hopyard., Pleasanton

Legend and Notes

Analysis Flag

o

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

SHELL Chain Of Custody Record

841601

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Karen Petryna

200404.0241

INCIDENT NUMBER (SEE ONLY)

9 8 9 9 5 8 4 2

CAP or CRMT NUMBER (SEE CRMT)

DATE: 4/7/04

PAGE: 1 of 1

BLAINE TECH SERVICES 1680 ROGERS AVENUE, SAN JOSE, CA 95112 LEON GECHART 408-373-0555 408-373-7771 LOSECHART@BLAINE-TECH.COM	LAB CODE: BTSS	SITE ADDRESS (Street and City): 3790 HOPYARD RD., PLEASANTON OFF DELIVERABLE TO (Responsible Party or Designee): Ana Friel (707) 443-2700	GLOBAL ID NO.: T0600101257	CONSULTANT PROJECT NO.: 040407-AC1
---	-------------------	---	-------------------------------	---------------------------------------

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

LA - INVOICE REPORT FORMAT USE AGENCY

BOARS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

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

REQUESTED ANALYSIS

TPH - Gas, Purgeable (8260B)	BTEX (8260B)	MTBE (8261B - 5ppb RL)	MTBE (8260B - 0.1ppb RL)	Oxygenates (6) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	TBA (8260B)
X	X	X						X

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

3.5°C

TEMPERATURE ON RECEIPT C°

24 hr. Turnaround

RUSH

Released by (Signature): 	Received by (Signature): 	Date: 4/7/04	Time: 1603
Released by (Signature): 	Received by (Signature): 	Date: 4/8/04	Time: 1854

Blaine Tech Services, Inc.

April 22, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105
Attn.: Leon Gearhart
Project#: 040407-AC1
Project: 98995842
Site: 3790 Hopyard Rd., Pleasanton

Dear Mr. Gearhart,

Attached is our report for your samples received on 04/08/2004 18:54

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 05/23/2004 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: 040407-AC1

98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
S-9	04/07/2004 08:30	Water	1
SR-2	04/07/2004 08:55	Water	2
S-11	04/07/2004 09:25	Water	3
S-7	04/07/2004 09:50	Water	4
S-12	04/07/2004 10:20	Water	5
S-3	04/07/2004 11:05	Water	6
S-2	04/07/2004 11:25	Water	7
SR-3	04/07/2004 11:50	Water	8
S-4	04/07/2004 11:45	Water	9
T-2	04/07/2004 11:25	Water	10
T-4	04/07/2004 11:05	Water	11
S-6	04/07/2004 09:55	Water	12
S-10	04/07/2004 09:20	Water	13
S-8	04/07/2004 08:45	Water	14

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: 040407-AC1
98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-9	Lab ID: 2004-04-0296 - 1
Sampled: 04/07/2004 08:30	Extracted: 4/17/2004 09:50
Matrix: Water	QC Batch#: 2004/04/17-1A.65
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	100	ug/L	2.00	04/17/2004 09:50	
Benzene	ND	1.0	ug/L	2.00	04/17/2004 09:50	
Toluene	ND	1.0	ug/L	2.00	04/17/2004 09:50	
Ethylbenzene	ND	1.0	ug/L	2.00	04/17/2004 09:50	
Total xylenes	ND	2.0	ug/L	2.00	04/17/2004 09:50	
tert-Butyl alcohol (TBA)	ND	10	ug/L	2.00	04/17/2004 09:50	
Methyl tert-butyl ether (MTBE)	250	1.0	ug/L	2.00	04/17/2004 09:50	
Surrogate(s)						
1,2-Dichloroethane-d4	117.6	76-130	%	2.00	04/17/2004 09:50	
Toluene-d8	103.2	78-115	%	2.00	04/17/2004 09:50	

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

04/22/2004 17:30

Page 2 of 21

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: 040407-AC1

98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	SR-2	Lab ID:	2004-04-0296-2
Sampled:	04/07/2004 08:55	Extracted:	4/17/2004 10:13
Matrix:	Water	QC Batch#:	2004/04/17-1A.65
Analysis Flag: o (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1300	ug/L	25.00	04/17/2004 10:13	
Benzene	ND	13	ug/L	25.00	04/17/2004 10:13	
Toluene	ND	13	ug/L	25.00	04/17/2004 10:13	
Ethylbenzene	ND	13	ug/L	25.00	04/17/2004 10:13	
Total xylenes	ND	25	ug/L	25.00	04/17/2004 10:13	
tert-Butyl alcohol (TBA)	10000	130	ug/L	25.00	04/17/2004 10:13	
Methyl tert-butyl ether (MTBE)	280	13	ug/L	25.00	04/17/2004 10:13	
Surrogate(s)						
1,2-Dichloroethane-d4	117.8	76-130	%	25.00	04/17/2004 10:13	
Toluene-d8	107.8	78-115	%	25.00	04/17/2004 10:13	

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: 040407-AC1

98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-11	Lab ID: 2004-04-0296-3
Sampled: 04/07/2004 09:25	Extracted: 4/17/2004 10:36
Matrix: Water	QC Batch#: 2004/04/17-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/17/2004 10:36	
Benzene	ND	0.50	ug/L	1.00	04/17/2004 10:36	
Toluene	ND	0.50	ug/L	1.00	04/17/2004 10:36	
Ethylbenzene	ND	0.50	ug/L	1.00	04/17/2004 10:36	
Total xylenes	ND	1.0	ug/L	1.00	04/17/2004 10:36	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/17/2004 10:36	
Methyl tert-butyl ether (MTBE)	1.4	0.50	ug/L	1.00	04/17/2004 10:36	
Surrogate(s)						
1,2-Dichloroethane-d4	102.7	76-130	%	1.00	04/17/2004 10:36	
Toluene-d8	96.0	78-115	%	1.00	04/17/2004 10:36	

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: 040407-AC1

98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-7	Lab ID: 2004-04-0296 - 4
Sampled: 04/07/2004 09:50	Extracted: 4/18/2004 13:40
Matrix: Water	QC Batch#: 2004/04/18-1B.68
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	250	ug/L	5.00	04/18/2004 13:40	
Benzene	ND	2.5	ug/L	5.00	04/18/2004 13:40	
Toluene	ND	2.5	ug/L	5.00	04/18/2004 13:40	
Ethylbenzene	ND	2.5	ug/L	5.00	04/18/2004 13:40	
Total xylenes	ND	5.0	ug/L	5.00	04/18/2004 13:40	
tert-Butyl alcohol (TBA)	130	25	ug/L	5.00	04/18/2004 13:40	
Methyl tert-butyl ether (MTBE)	380	2.5	ug/L	5.00	04/18/2004 13:40	
Surrogate(s)						
1,2-Dichloroethane-d4	115.6	76-130	%	5.00	04/18/2004 13:40	
Toluene-d8	97.3	78-115	%	5.00	04/18/2004 13:40	

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: 040407-AC1

98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s)	8260B
Sample ID:	S-12	Lab ID:	2004-04-0296 - 5
Sampled:	04/07/2004 10:20	Extracted:	4/17/2004 11:24
Matrix:	Water	QC Batch#:	2004/04/17-1A 65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/17/2004 11:24	
Benzene	ND	0.50	ug/L	1.00	04/17/2004 11:24	
Toluene	ND	0.50	ug/L	1.00	04/17/2004 11:24	
Ethylbenzene	ND	0.50	ug/L	1.00	04/17/2004 11:24	
Total xylenes	ND	1.0	ug/L	1.00	04/17/2004 11:24	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/17/2004 11:24	
Methyl tert-butyl ether (MTBE)	0.76	0.50	ug/L	1.00	04/17/2004 11:24	
Surrogate(s)						
1,2-Dichloroethane-d4	102.9	76-130	%	1.00	04/17/2004 11:24	
Toluene-d8	97.2	78-115	%	1.00	04/17/2004 11:24	

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04/22/2004 17:30

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: 040407-AC1

98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-3	Lab ID:	2004-04-0296-6
Sampled:	04/07/2004 11:05	Extracted:	4/17/2004 11:48
Matrix:	Water	QC Batch#:	2004/04/17-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/17/2004 11:48	
Benzene	ND	0.50	ug/L	1.00	04/17/2004 11:48	
Toluene	ND	0.50	ug/L	1.00	04/17/2004 11:48	
Ethylbenzene	ND	0.50	ug/L	1.00	04/17/2004 11:48	
Total xylenes	ND	1.0	ug/L	1.00	04/17/2004 11:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/17/2004 11:48	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/17/2004 11:48	
Surrogate(s)						
1,2-Dichloroethane-d4	105.8	76-130	%	1.00	04/17/2004 11:48	
Toluene-d8	108.4	78-115	%	1.00	04/17/2004 11:48	

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

Blaine Tech Services, Inc.

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Project: 040407-AC1
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Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-2	Lab ID: 2004-04-0296-7
Sampled: 04/07/2004 11:25	Extracted: 4/18/2004 13:59
Matrix: Water	QC Batch#: 2004/04/18-1B.68
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	980	250	ug/L	5.00	04/18/2004 13:59	g
Benzene	12	2.5	ug/L	5.00	04/18/2004 13:59	
Toluene	ND	2.5	ug/L	5.00	04/18/2004 13:59	
Ethylbenzene	ND	2.5	ug/L	5.00	04/18/2004 13:59	
Total xylenes	ND	5.0	ug/L	5.00	04/18/2004 13:59	
tert-Butyl alcohol (TBA)	2500	25	ug/L	5.00	04/18/2004 13:59	
Methyl tert-butyl ether (MTBE)	28	2.5	ug/L	5.00	04/18/2004 13:59	
Surrogate(s)						
1,2-Dichloroethane-d4	109.7	76-130	%	5.00	04/18/2004 13:59	
Toluene-d8	95.7	78-115	%	5.00	04/18/2004 13:59	

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:	SR-3	Lab ID:	2004-04-0296-8
Sampled:	04/07/2004 11:50	Extracted:	4/18/2004 14:18
Matrix:	Water	QC Batch#:	2004/04/18-1B 68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/18/2004 14:18	
Benzene	ND	0.50	ug/L	1.00	04/18/2004 14:18	
Toluene	ND	0.50	ug/L	1.00	04/18/2004 14:18	
Ethylbenzene	ND	0.50	ug/L	1.00	04/18/2004 14:18	
Total xylenes	ND	1.0	ug/L	1.00	04/18/2004 14:18	
tert-Butyl alcohol (TBA)	370	5.0	ug/L	1.00	04/18/2004 14:18	
Methyl tert-butyl ether (MTBE)	4.4	0.50	ug/L	1.00	04/18/2004 14:18	
Surrogate(s)						
1,2-Dichloroethane-d4	89.9	76-130	%	1.00	04/18/2004 14:18	
Toluene-d8	90.0	78-115	%	1.00	04/18/2004 14:18	

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

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Project: 040407-AC1
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Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: S-4	Lab ID: 2004-04-0296 - 9
Sampled: 04/07/2004 11:45	Extracted: 4/18/2004 14:37
Matrix: Water	QC Batch#: 2004/04/18-1B.68
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/L	20.00	04/18/2004 14:37	
Benzene	ND	10	ug/L	20.00	04/18/2004 14:37	
Toluene	ND	10	ug/L	20.00	04/18/2004 14:37	
Ethylbenzene	ND	10	ug/L	20.00	04/18/2004 14:37	
Total xylenes	ND	20	ug/L	20.00	04/18/2004 14:37	
tert-Butyl alcohol (TBA)	9900	100	ug/L	20.00	04/18/2004 14:37	
Methyl tert-butyl ether (MTBE)	110	10	ug/L	20.00	04/18/2004 14:37	
Surrogate(s)						
1,2-Dichloroethane-d4	107.2	76-130	%	20.00	04/18/2004 14:37	
Toluene-d8	86.8	78-115	%	20.00	04/18/2004 14:37	

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

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Project: 040407-AC1

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Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	T-2	Lab ID:	2004-04-0296 - 10
Sampled:	04/07/2004 11:25	Extracted:	4/18/2004 14:56
Matrix:	Water	QC Batch#:	2004/04/18-1B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	570	50	ug/L	1.00	04/18/2004 14:56	g
Benzene	5.4	0.50	ug/L	1.00	04/18/2004 14:56	
Toluene	ND	0.50	ug/L	1.00	04/18/2004 14:56	
Ethylbenzene	ND	0.50	ug/L	1.00	04/18/2004 14:56	
Total xylenes	1.2	1.0	ug/L	1.00	04/18/2004 14:56	
tert-Butyl alcohol (TBA)	11	5.0	ug/L	1.00	04/18/2004 14:56	
Methyl tert-butyl ether (MTBE)	5.6	0.50	ug/L	1.00	04/18/2004 14:56	
Surrogate(s)						
1,2-Dichloroethane-d4	89.1	76-130	%	1.00	04/18/2004 14:56	
Toluene-d8	91.3	78-115	%	1.00	04/18/2004 14:56	

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

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Project: 040407-AC1
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Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: T-4	Lab ID: 2004-04-0296-11
Sampled: 04/07/2004 11:05	Extracted: 4/17/2004 13:44
Matrix: Water	QC Batch#: 2004/04/17-1A 65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1600	50	ug/L	1.00	04/17/2004 13:44	
Benzene	5.1	0.50	ug/L	1.00	04/17/2004 13:44	
Toluene	0.57	0.50	ug/L	1.00	04/17/2004 13:44	
Ethylbenzene	ND	0.50	ug/L	1.00	04/17/2004 13:44	
Total xylenes	2.3	1.0	ug/L	1.00	04/17/2004 13:44	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/17/2004 13:44	
Methyl tert-butyl ether (MTBE)	6.1	0.50	ug/L	1.00	04/17/2004 13:44	
Surrogate(s)						
1,2-Dichloroethane-d4	103.0	76-130	%	1.00	04/17/2004 13:44	
Toluene-d8	99.4	78-115	%	1.00	04/17/2004 13:44	

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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: 2004-04-0296 - 12
Sampled: 04/07/2004 09:55	Extracted: 4/17/2004 14:08
Matrix: Water	QC Batch#: 2004/04/17-1A.65
Analysis Flag: 0 (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	04/17/2004 14:08	
Benzene	ND	5.0	ug/L	10.00	04/17/2004 14:08	
Toluene	ND	5.0	ug/L	10.00	04/17/2004 14:08	
Ethylbenzene	ND	5.0	ug/L	10.00	04/17/2004 14:08	
Total xylenes	ND	10	ug/L	10.00	04/17/2004 14:08	
tert-Butyl alcohol (TBA)	2900	50	ug/L	10.00	04/17/2004 14:08	
Methyl tert-butyl ether (MTBE)	15	5.0	ug/L	10.00	04/17/2004 14:08	
Surrogate(s)						
1,2-Dichloroethane-d4	107.3	76-130	%	10.00	04/17/2004 14:08	
Toluene-d8	102.8	78-115	%	10.00	04/17/2004 14:08	

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:	2004-04-0296-13
Sampled:	04/07/2004 09:20	Extracted:	4/17/2004 14:31
Matrix:	Water	QC Batch#:	2004/04/17-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/17/2004 14:31	
Benzene	ND	0.50	ug/L	1.00	04/17/2004 14:31	
Toluene	ND	0.50	ug/L	1.00	04/17/2004 14:31	
Ethylbenzene	ND	0.50	ug/L	1.00	04/17/2004 14:31	
Total xylenes	ND	1.0	ug/L	1.00	04/17/2004 14:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/17/2004 14:31	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/17/2004 14:31	
Surrogate(s)						
1,2-Dichloroethane-d4	107.7	76-130	%	1.00	04/17/2004 14:31	
Toluene-d8	101.0	78-115	%	1.00	04/17/2004 14:31	

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

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Project: 040407-AC1

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Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	S-8	Lab ID:	2004-04-0296 - 14
Sampled:	04/07/2004 08:45	Extracted:	4/17/2004 14:55
Matrix:	Water	QC Batch#:	2004/04/17-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/17/2004 14:55	
Benzene	ND	0.50	ug/L	1.00	04/17/2004 14:55	
Toluene	ND	0.50	ug/L	1.00	04/17/2004 14:55	
Ethylbenzene	ND	0.50	ug/L	1.00	04/17/2004 14:55	
Total xylenes	ND	1.0	ug/L	1.00	04/17/2004 14:55	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/17/2004 14:55	
Methyl tert-butyl ether (MTBE)	33	0.50	ug/L	1.00	04/17/2004 14:55	
Surrogate(s)						
1,2-Dichloroethane-d4	108.2	76-130	%	1.00	04/17/2004 14:55	
Toluene-d8	101.1	78-115	%	1.00	04/17/2004 14:55	

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

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Project: 040407-AC1
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Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/04/17-1A.65	
MB: 2004/04/17-1A.65-016				Date Extracted: 04/17/2004 09:18	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/17/2004 09:16	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	04/17/2004 09:16	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/17/2004 09:16	
Benzene	ND	0.5	ug/L	04/17/2004 09:16	
Toluene	ND	0.5	ug/L	04/17/2004 09:16	
Ethylbenzene	ND	0.5	ug/L	04/17/2004 09:16	
Total xylenes	ND	1.0	ug/L	04/17/2004 09:16	
Surrogates(s)					
1,2-Dichloroethane-d4	85.9	76-130	%	04/17/2004 09:16	
Toluene-d8	94.0	78-115	%	04/17/2004 09:16	

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

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Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method: Blank		Water		QC Batch #: 2004/04/18-1B.68	
MB: 2004/04/18-1B.68-052				Date Extracted: 04/18/2004 11:52	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/18/2004 11:52	
Benzene	ND	0.5	ug/L	04/18/2004 11:52	
Toluene	ND	0.5	ug/L	04/18/2004 11:52	
Ethylbenzene	ND	0.5	ug/L	04/18/2004 11:52	
Total xylenes	ND	1.0	ug/L	04/18/2004 11:52	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	04/18/2004 11:52	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/18/2004 11:52	
Surrogates(s)					
Toluene-d8	93.4	78-115	%	04/18/2004 11:52	
1,2-Dichloroethane-d4	92.8	76-130	%	04/18/2004 11:52	

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

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Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Laboratory Control Spike		Water		QC Batch # 2004/04/17-1A.65	
LCS	2004/04/17-1A.65-029	Extracted:	04/17/2004	Analyzed:	04/17/2004 08:29
LCSD	2004/04/17-1A.65-052	Extracted:	04/17/2004	Analyzed:	04/17/2004 08:52

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.5	22.1	25	102.0	88.4	14.3	65-165	20		
Benzene	23.4	22.4	25	93.6	89.6	4.4	69-129	20		
Toluene	22.9	23.4	25	91.6	93.6	2.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	427	407	500	85.4	81.4		76-130			
Toluene-d8	475	501	500	95.0	100.2		78-115			

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

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Project: 040407-AC1
98995842

Received: 04/08/2004 18:54

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/04/18-1B.68			
LCS	2004/04/18-1B.68-014		Extracted: 04/18/2004			Analyzed: 04/18/2004 11:14			
LCSD	2004/04/18-1B.68-033		Extracted: 04/18/2004			Analyzed: 04/18/2004 11:33			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	25.0	25.7	25	100.0	102.8	2.8	69-129	20		
Toluene	28.2	29.3	25	112.8	117.2	3.8	70-130	20		
Methyl tert-butyl ether (MTBE)	27.2	30.1	25	108.8	120.4	10.1	65-165	20		
Surrogates(s)										
Toluene-d8	476	453	500	95.2	90.6		78-115			
1,2-Dichloroethane-d4	436	505	500	87.2	101.0		76-130			

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

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Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2004/04/17-1A.65
S-B >> MS		Lab ID:	2004-04-0296-014
MS:	2004/04/17-1A.65-019	Extracted:	04/17/2004
		Analyzed:	04/17/2004 15:19
		Dilution:	1.00
MSD:	2004/04/17-1A.65-042	Extracted:	04/17/2004
		Analyzed:	04/17/2004 15:42
		Dilution:	1.00

Compound	Conc. ug/L			Spk. Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Benzene	20.5	20.7	ND	25	82.0	82.8	1.0	69-129	20		
Toluene	19.9	20.1	ND	25	79.6	80.4	1.0	70-130	20		
Methyl tert-butyl ether	53.6	48.4	33.3	25	81.2	60.4	29.4	65-165	20		npd
Surrogate(s)											
1,2-Dichloroethane-d4	513	496		500	102.6	99.2		76-130			
Toluene-d8	500	495		500	100.0	99.0		78-115			

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

Blaine Tech Services, Inc.

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Project: 040407-AC1

98995842

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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.

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

rpd

Analyte RPD was out of QC limits due to sample heterogeneity.

LAB: 57L

SHELL Chain Of Custody Record

84669

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced:

SCIENCE & ENGINEERING
 TECHNICAL SERVICES
 CRMT HOUSTON

Karen Petryna

2004-04-0296

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 2

SAP or CRMT NUMBER (TS/CRMT)

DATE: 4/7/04

PAGE: 1 of 2

SAMPLING COMPANY Blaine Tech Services		LAB CODE BTSS	SITE ADDRESS (Street and City) 3790 Hopyard Rd., Pleasanton		GLOBAL ID NO. T0600101257
ADDRESS 1680 Rogers Avenue, San Jose, CA 95112		TOP DELIVERABLE TO (Responsible Party or Designer) Ana Friel		PHONE NO. (707) 442-2700	CONSULTANT PROJECT NO. BTS-040407-Act
PROJECT CONTACT (Name, Title or PO# Report #) Leon Gearhart		SAMPLER NAME(S) (TWIG) Aaron Costa		E-MAIL sonomaadf@cambria-env.com	
TELEPHONE 408-573-0555	FAX 408-573-7771	E-MAIL lgearhart@blainetech.com		LAB USE ONLY	

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

REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT UST AGENCY

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

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

FIELD NOTES:

Container/Preservative
or PID Readings
or Laboratory Notes

3.5

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	BTEX (8260B)	MTBE (0021B - Spill RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (9) by (8260B)	Ethanol (8260B)	Methanol	EDS # 1,2-DCA (8260B)	TBA (8260B)
		DATE	TIME											
	S-9	4/7	0830	W	3	X	X	X						X
	SR-2		0955			X	X	X						X
	S-11		0925			X	X	X						X
	S-7		0900			X	X	X						X
	S-12		1020			X	X	X						X
	S-3		1105			X	X	X						X
	S-2		1125			X	X	X						X
	SR-3		1150			X	X	X						X
	S-4		1145			X	X	X						X
	T-2	✓	1125	✓	✓	X	X	X						X

Reinquished by: (Signature) <i>Clare B...</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>4/8/04</u>	Time: <u>1603</u>
Reinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>4/8/04</u>	Time: <u>1854</u>
Reinquished by: (Signature)	Received by: (Signature)	Date:	Time:

LAB: SIL

SHELL Chain Of Custody Record

84669

Lab identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT. POLYSTY.

Karen Petryna

2004-04-0296

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 2

SAP or CRMT NUMBER (TS/CRMT)

DATE: 4/7/04

PAGE: 2 of 2

SERVICE COMPANY: Blaine Tech Services ADDRESS: 1580 Rogers Avenue, San Jose, CA 95112 CONTACT PERSON (Name only in PDF Report): Leon Gearhart TELEPHONE: 408-573-0555 FAX: 408-573-7771 EMAIL: lgearhart@blainetech.com		LOG CODE: BTSS	SITE ADDRESS (Street and City): 3790 Hopyard Rd., Pleasanton ECF DELIVERABLE TO (Responsible Party or Designer): Ana Friel PHONE NO: (707) 442-2700	GLOBAL ID#: T0600101257	DDMMYYMM PROJECT NO. BTS # 040407-Ac
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		LAB USE ONLY	

LA - RWQCR REPORT FORMAT LIST AGENCY: _____
 GCMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____
 SPECIAL INSTRUCTIONS OR NOTES: 4. CHECK BOX IF EDD IS NOT NEEDED

FIELD NOTES:
 Container/Preservative
 or PID Readings
 or Laboratory Notes
3.5

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	BTX (8260B)	MTBE (8261B) - Spab RLJ	MTBE (8261B) - 0.5ppb RLJ	Oxygenates (8) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	TBA (8260B)
		DATE	TIME											
<input checked="" type="checkbox"/>	T-4	4/7	1105	W	3	X	X	X						X
<input checked="" type="checkbox"/>	S-6		0955			X	X	X						X
<input checked="" type="checkbox"/>	S-10		0920			X	X	X						X
<input checked="" type="checkbox"/>	S-8		0845			X	X	X						X

Retrieved by (Signature): <u>Aaron Costa</u>	Received by (Signature): <u>[Signature]</u>	Date: <u>4/8/04</u>	Time: <u>1603</u>
Retrieved by (Signature):	Received by (Signature): <u>[Signature]</u>	Date: <u>4/8/04</u>	Time: <u>1850</u>
Retrieved by (Signature):	Received by (Signature):	Date:	Time:

Appendix B
GWE System
Certified Analytical Reports

Cambria Environmental Emeryville

April 16, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Cynthia Vasko

Project#: 245-0497-003

Project: 98995842

Site: 3790 Hopyard Rd., Pleasanton

Dear Ms. Vasko:

Attached is our report for your samples received on 04/02/2004 16:30

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 05/17/2004 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: vwancil@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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	04/02/2004 15:45	Water	1
MID 1	04/02/2004 15:40	Water	2
MID 2	04/02/2004 15:35	Water	3
EFF	04/02/2004 15:30	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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: INF	Lab ID: 2004-04-0078 - 1
Sampled: 04/02/2004 15:45	Extracted: 4/7/2004 22:54
Matrix: Water	QC Batch#: 2004/04/07-2C.68
Analysis Flag: In (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/L	20.00	04/07/2004 22:54	
Benzene	ND	10	ug/L	20.00	04/07/2004 22:54	
Toluene	ND	10	ug/L	20.00	04/07/2004 22:54	
Ethylbenzene	ND	10	ug/L	20.00	04/07/2004 22:54	
Total xylenes	ND	20	ug/L	20.00	04/07/2004 22:54	
Methyl tert-butyl ether (MTBE)	200	100	ug/L	20.00	04/07/2004 22:54	
Surrogate(s)						
1,2-Dichloroethane-d4	105.8	76-130	%	20.00	04/07/2004 22:54	
Toluene-d8	93.4	78-115	%	20.00	04/07/2004 22:54	

Sewern 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

04/12/2004 16:30

Page 2 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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 1	Lab ID:	2004-04-0078 - 2
Sampled:	04/02/2004 15:40	Extracted:	4/7/2004 23:13
Matrix:	Water	GC Batch#:	2004/04/07-2G-68
Analysis Flag: gs (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/07/2004 23:13	
Benzene	ND	0.50	ug/L	1.00	04/07/2004 23:13	
Toluene	ND	0.50	ug/L	1.00	04/07/2004 23:13	
Ethylbenzene	ND	0.50	ug/L	1.00	04/07/2004 23:13	
Total xylenes	ND	1.0	ug/L	1.00	04/07/2004 23:13	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	04/07/2004 23:13	
Surrogate(s)						
1,2-Dichloroethane-d4	97.8	76-130	%	1.00	04/07/2004 23:13	
Toluene-d8	90.8	78-115	%	1.00	04/07/2004 23:13	

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 2	Lab ID:	2004-04-0078 - 3
Sampled:	04/02/2004 15:35	Extracted:	4/7/2004 23:32
Matrix:	Water	QC Batch#:	2004/04/07-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/07/2004 23:32	
Benzene	ND	0.50	ug/L	1.00	04/07/2004 23:32	
Toluene	ND	0.50	ug/L	1.00	04/07/2004 23:32	
Ethylbenzene	ND	0.50	ug/L	1.00	04/07/2004 23:32	
Total xylenes	ND	1.0	ug/L	1.00	04/07/2004 23:32	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	04/07/2004 23:32	
Surrogate(s)						
1,2-Dichloroethane-d4	99.2	76-130	%	1.00	04/07/2004 23:32	
Toluene-d8	92.5	78-115	%	1.00	04/07/2004 23:32	

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

04/12/2004 16:30

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: EFF	Lab ID: 2004-04-0078 - 4
Sampled: 04/02/2004 15:30	Extracted: 4/7/2004 23:51
Matrix: Water	QC Batch#: 2004/04/07-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/07/2004 23:51	
Benzene	ND	0.50	ug/L	1.00	04/07/2004 23:51	
Toluene	ND	0.50	ug/L	1.00	04/07/2004 23:51	
Ethylbenzene	ND	0.50	ug/L	1.00	04/07/2004 23:51	
Total xylenes	ND	1.0	ug/L	1.00	04/07/2004 23:51	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	04/07/2004 23:51	
Surrogate(s)						
1,2-Dichloroethane-d4	98.5	76-130	%	1.00	04/07/2004 23:51	
Toluene-d8	90.6	78-115	%	1.00	04/07/2004 23:51	

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/04/07-2C.68	
MB: 2004/04/07-2C.68-044				Date Extracted: 04/07/2004 18:44	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/07/2004 18:44	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	04/07/2004 18:44	
Benzene	ND	0.5	ug/L	04/07/2004 18:44	
Toluene	ND	0.5	ug/L	04/07/2004 18:44	
Ethylbenzene	ND	0.5	ug/L	04/07/2004 18:44	
Total xylenes	ND	1.0	ug/L	04/07/2004 18:44	
Surrogates(s)					
1,2-Dichloroethane-d4	100.0	76-130	%	04/07/2004 18:44	
Toluene-d8	97.6	78-115	%	04/07/2004 18:44	

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/04/07-2C.68			
LCS	2004/04/07-2C.68-006		Extracted: 04/07/2004			Analyzed: 04/07/2004 18:06			
LCSD	2004/04/07-2C.68-025		Extracted: 04/07/2004			Analyzed: 04/07/2004 18:25			

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	26.1	25.4	25	104.4	101.6	2.7	65-165	20		
Benzene	22.9	22.8	25	91.6	91.2	0.4	69-129	20		
Toluene	24.7	23.8	25	98.8	95.2	3.7	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	470	450	500	94.0	90.0		76-130			
Toluene-d8	459	442	500	91.8	88.4		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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Legend and Notes

Sample Comment

Lab ID: 2004-04-0078 -2

gs-Siloxane peaks are found in the sample which are not believed to be gasoline related. If quantified as gasoline, concentration would be 70 ug/L.

Analysis Flag

Im

Reporting limits raised due to high level of non-target analyte materials.

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	04/02/2004 15:45	Water	1
EFF	04/02/2004 15:30	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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: INF	Lab ID: 2004-04-0078 - 1
Sampled: 04/02/2004 15:45	Extracted: 4/5/2004 12:58
Matrix: Water	QC Batch#: 2004/04/05-04 10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	230	50	ug/L	1.00	04/06/2004 13:04	ndp
Surrogate(s) o-Terphenyl	142.9	50-150	%	1.00	04/06/2004 13:04	

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: EFF	Lab ID: 2004-04-0078 - 4
Sampled: 04/02/2004 15:30	Extracted: 4/5/2004 12:58
Matrix: Water	QC Batch#: 2004/04/05-04 10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 13:31	
<i>Surrogate(s)</i>						
o-Terphenyl	134.3	50-150	%	1.00	04/06/2004 13:31	

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 3511		Water		Test(s): 8015M	
Method Blank				QC Batch #: 2004/04/05-04.10	
MB: 2004/04/05-04.10-001				Date Extracted: 04/05/2004 12:58	
Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/06/2004 10:22	
Surrogates(s) o-Terphenyl	135.0	50-150	%	04/06/2004 10:22	

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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report										
Prep(s): 3511					Test(s): 8015M					
Laboratory Control Spike			Water			QC Batch # 2004/04/05-04.10				
LCS	2004/04/05-04.10-002		Extracted: 04/05/2004		Analyzed: 04/06/2004 10:49					
LCSD	2004/04/05-04.10-003		Extracted: 04/05/2004		Analyzed: 04/06/2004 12:10					
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	460	486	680	67.6	71.5	5.6	60-150	25		
Surrogates(s) o-Terphenyl	1.63	1.63	1.25	130.4	130.6		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: 04/02/2004 16:30

Site: 3790 Hopyard Rd., Pleasanton

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

2004-04-0078
84458

SHELL Chain Of Custody Record

STL-San Francisco

1220 Quarry Lane
Pleasanton, CA 94566

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

Shell Project Manager to be invoiced:

- TECHNICAL SERVICES
- OPERATIONAL SERVICES
- CRMT. HISTORY

Karen Petryns

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 2

SAP or CRMT NUMBER (TS/CRMT)

DATE 4-2-04

PAGE 1 of 1

LABORATORY Cambria Environmental Technology, Inc.		LAB CODE CETS	SITE ADDRESS (Street and City) 3790 Hopyard Road, Pleasanton		GLOBAL ID NO. N/A
ADDRESS 5000 Hollis Street, Suite A, Emeryville, CA 94608		SAP-DELIVERABLE TO (Responsible Party or Designer) N/A		PHONE NO. N/A	COMBUSTION PRODUCT NO. 245-0497-003
PROJECT CONTACT (Name and E-MAIL) Cynthia Vaako TELEPHONE: 510-420-3344 FAX: 510-420-9170 EMAIL: cvaako@cambria-env.com		SAMPLER NAME(S) (P/P) UNSATURATED			LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS)
 15 DAYS 5 DAYS 72 HOURS 48 HOURS 24 HOURS LONGER THAN 24 HOURS

LA - RWQCB REPORT FORMAT LIST AGENCY

OCMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

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

Flow Totalizer = 1030,320.0 Hour Meter = 6092.8

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Purgeable	TPH - Extractable (8015a)	BTEX	MTBE (8 ppb)	TBA	S Oxygenates	1,2 DCA (M EDB)	Ethanol	Methanol	VOCs by 8208	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> Yes <input type="checkbox"/> No	Cadmium <input type="checkbox"/> Yes <input type="checkbox"/> No	Cyanide <input type="checkbox"/> Yes <input type="checkbox"/> No	Test for Disposal	FIELD NOTES: Contains Preservative or PID Readings or Laboratory Notes 16.3°C	
		DATE	TIME																			
	INF	4-2	3:45	AQ	7	X	X	X	X													VOAs w/HCI + Unpress. Cont
	MID 1	↓	5:40	AQ	4	X		X	X													VOAs w/HCI
	MID 2	↓	5:35	AQ	4	X		X	X													VOAs w/HCI
	EFF	↓	3:30	AQ	7	X	X	X	X													VOAs w/HCI + Unpress. Cont

Requested by (Signature) <i>Karen Petryns</i>	Received by (Signature) <i>[Signature]</i>	Date 04/02/04	Time 1630
Requested by (Signature)	Received by (Signature)	Date	Time
Requested by (Signature)	Received by (Signature)	Date	Time

030 Copyright 7/14/99 66-6702

Cambria Environmental Emeryville

May 28, 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 05/14/2004 14:10

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 06/28/2004 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: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	05/14/2004 13:00	Water	1
MID 1	05/14/2004 12:55	Water	2
MID 2	05/14/2004 12:50	Water	3
EFF	05/14/2004 12:45	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: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: INF	Lab ID: 2004-05-0542-1
Sampled: 05/14/2004 13:00	Extracted: 5/26/2004 22:01
Matrix: Water	QC Batch#: 2004/05/26-1C.65
Analysis Flag: Im (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/L	20.00	05/26/2004 22:01	
Benzene	ND	10	ug/L	20.00	05/26/2004 22:01	
Toluene	ND	10	ug/L	20.00	05/26/2004 22:01	
Ethylbenzene	ND	10	ug/L	20.00	05/26/2004 22:01	
Total xylenes	ND	20	ug/L	20.00	05/26/2004 22:01	
Methyl tert-butyl ether (MTBE)	110	100	ug/L	20.00	05/26/2004 22:01	
Surrogate(s)						
1,2-Dichloroethane-d4	86.2	76-130	%	20.00	05/26/2004 22:01	
Toluene-d8	92.8	78-115	%	20.00	05/26/2004 22:01	

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05/27/2004 15:33

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: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID 1	Lab ID: 2004-05-0542-2
Sampled: 05/14/2004 12:55	Extracted: 5/26/2004 22:25
Matrix: Water	QC Batch#: 2004/05/26-1C 65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/26/2004 22:25	
Benzene	ND	0.50	ug/L	1.00	05/26/2004 22:25	
Toluene	ND	0.50	ug/L	1.00	05/26/2004 22:25	
Ethylbenzene	ND	0.50	ug/L	1.00	05/26/2004 22:25	
Total xylenes	ND	1.0	ug/L	1.00	05/26/2004 22:25	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	05/26/2004 22:25	
Surrogate(s)						
1,2-Dichloroethane-d4	105.0	76-130	%	1.00	05/26/2004 22:25	
Toluene-d8	93.1	78-115	%	1.00	05/26/2004 22:25	

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

Cambria Environmental Emeryville

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

Project: 245-0497-003
98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 2	Lab ID:	2004-05-0542 - 3
Sampled:	05/14/2004 12:50	Extracted:	5/26/2004 22:49
Matrix:	Water	QC Batch#:	2004/05/26-1C.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/26/2004 22:49	
Benzene	ND	0.50	ug/L	1.00	05/26/2004 22:49	
Toluene	ND	0.50	ug/L	1.00	05/26/2004 22:49	
Ethylbenzene	ND	0.50	ug/L	1.00	05/26/2004 22:49	
Total xylenes	ND	1.0	ug/L	1.00	05/26/2004 22:49	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	05/26/2004 22:49	
Surrogate(s)						
1,2-Dichloroethane-d4	110.4	76-130	%	1.00	05/26/2004 22:49	
Toluene-d8	93.1	78-115	%	1.00	05/26/2004 22:49	

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

Cambria Environmental Emeryville

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Project: 245-0497-003

98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: EFF	Lab ID: 2004-05-0542-4
Sampled: 05/14/2004 12:45	Extracted: 5/26/2004 23:11
Matrix: Water	QC Batch#: 2004/05/26-1C.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/26/2004 23:11	
Benzene	ND	0.50	ug/L	1.00	05/26/2004 23:11	
Toluene	ND	0.50	ug/L	1.00	05/26/2004 23:11	
Ethylbenzene	ND	0.50	ug/L	1.00	05/26/2004 23:11	
Total xylenes	ND	1.0	ug/L	1.00	05/26/2004 23:11	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	05/26/2004 23:11	
Surrogate(s)						
1,2-Dichloroethane-d4	110.0	76-130	%	1.00	05/26/2004 23:11	
Toluene-d8	96.1	78-115	%	1.00	05/26/2004 23:11	

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

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Project: 245-0497-003
98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/05/26-1C.65	
MB: 2004/05/26-1C.65-009				Date Extracted: 05/26/2004 17:09	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/26/2004 17:09	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	05/26/2004 17:09	
Benzene	ND	0.5	ug/L	05/26/2004 17:09	
Toluene	ND	0.5	ug/L	05/26/2004 17:09	
Ethylbenzene	ND	0.5	ug/L	05/26/2004 17:09	
Total xylenes	ND	1.0	ug/L	05/26/2004 17:09	
Surrogates(s)					
1,2-Dichloroethane-d4	103.8	76-130	%	05/26/2004 17:09	
Toluene-d8	95.0	78-115	%	05/26/2004 17:09	

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05/27/2004 15:33

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: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/05/26-1C.65			
LCS	2004/05/26-1C.65-021		Extracted: 05/26/2004			Analyzed: 05/26/2004 16:21			
LCSD	2004/05/26-1C.65-045		Extracted: 05/26/2004			Analyzed: 05/26/2004 16:45			

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	31.0	26.4	25	124.0	105.6	16.0	65-165	20		
Benzene	25.2	27.1	25	100.8	108.4	7.3	69-129	20		
Toluene	23.4	24.6	25	93.6	98.4	5.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	482	478	500	96.4	95.6		76-130			
Toluene-d8	478	482	500	95.6	96.4		78-115			

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

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Project: 245-0497-003
98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Legend and Notes

Analysis Flag

Im

Reporting limits raised due to high level of non-target analyte materials.

Diesel (C9-C24)

Cambria Environmental Emeryville

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Emeryville, CA 94608

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

Project: 245-0497-003

98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	05/14/2004 13:00	Water	1
EFF	05/14/2004 12:45	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: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: INF	Lab ID: 2004-05-0542 - 1
Sampled: 05/14/2004 13:00	Extracted: 5/25/2004 07:35
Matrix: Water	QC Batch#: 2004/05/25-03:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	05/27/2004 21:01	
Surrogate(s)						
o-Terphenyl	124.7	78-177	%	1.00	05/27/2004 21:01	

Diesel (C9-C24)

Cambria Environmental Emeryville

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Emeryville, CA 94608

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Project: 245-0497-003

98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: EFF	Lab ID: 2004-05-0542 - 4
Sampled: 05/14/2004 12:45	Extracted: 5/25/2004 07:35
Matrix: Water	QC Batch#: 2004/05/25-03 10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	05/27/2004 21:29	
Surrogate(s)						
o-Terphenyl	120.9	78-177	%	1.00	05/27/2004 21:29	

Diesel (C9-C24)

Cambria Environmental Emeryville

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Project: 245-0497-003
98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report					
Prep(s): 3511		Water		Test(s): 8015M	
Method Blank				QC Batch # 2004/05/25-03.10	
MB: 2004/05/25-03.10-001				Date Extracted: 05/25/2004 07:35	
Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	05/25/2004 11:23	
Surrogates(s) o-Terphenyl	117.8	78-177	%	05/25/2004 11:23	

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05/28/2004 12:35

Diesel (C9-C24)

Cambria Environmental Emeryville

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Emeryville, CA 94608

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

Project: 245-0497-003

98995842

Received: 05/14/2004 14:10

Site: 3790 Hopyard Road, Pleasanton

Batch QC Report									
Prep(s): 3511					Test(s): 8015M				
Laboratory Control Spike			Water			QC Batch # 2004/05/25-03.10			
LCS	2004/05/25-03 10-002		Extracted: 05/25/2004			Analyzed: 05/25/2004 11:51			
LCSD	2004/05/25-03 10-003		Extracted: 05/25/2004			Analyzed: 05/25/2004 12:18			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	420	473	680	61.8	69.6	11.9	60-150	25		
Surrogates(s) o-Terphenyl	1.53	1.64	1.25	122.3	131.0		78-177	0		

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1919 (925) 484-1095 fax

Shell Project Manager to be Invoiced:

TO OFFICE SUPERVISOR
 TO LOCAL SERVICE
 CRMT POSITION

Karen Petryna

INCIDENT NUMBER (P&H ONLY)

0 8 9 9 5 8 4 2

DATE: 5-14-04

CRMT NUMBER (S&S CRMT)

PAGE 1 of 1

SAMPLING COMPANY: Cambria Environmental Technology, Inc.		LOG CODE: CETS	SITE ADDRESS (Street and City) 3790 Hopyard Road, Pleasanton		GLOBAL ID NO: N/A
ADDRESS: 5900 Hollis Street, Suite A, Emeryville, CA 94508		PHONE NO: N/A		CONSULTANT PROJECT NO: 245-0467-003	
PROJECT CONTACT (Person or POC Name): Cynthia Vasko		EQUIP. MAKE (P/N): MARTIN HANDELAVIAN		LAB ONLY	
TELEPHONE: 510-420-3344	FAX: 510-420-9170	E-MAIL: cvasko@cambriaenv.com			

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

LA - RWCCS REPORT FORMAT USE AGENCY

COMMITTEE CONFIRMATION REQUEST: HIGHEST PER BORING OR ALL

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

Flow Totalizer = 1118,940.0 Hour Meter = 7099.1

LAB ONLY	Field Sample Identification	SAMPLING		KATNO	NO. OF BORE	TPH - Petroleum	TPH - Explosive (BTEX)	BTEX	MTBE (S 906)	TBA	S Oxygenates	1,2 DCA and EDG	Ethanol	Methanol	VOCS by 8268	Semi-Volatiles by 8270C	Lead <input type="checkbox"/> 199 <input type="checkbox"/> 810 <input type="checkbox"/> 900	LUTS <input type="checkbox"/> 100 <input type="checkbox"/> 810 <input type="checkbox"/> 900	CAMEP <input type="checkbox"/> 100 <input type="checkbox"/> 810 <input type="checkbox"/> 900	Test for Disposal	TEMPERATURE ON RECEIPT OF	
		DATE	TIME																			
	INF	5-14	12:00	AO	7	X	X	X	X													16°C
	MID 1		12:05	AO	8	X		X	X													VOAs w/HCl - (DR's Express)
	MID 2		12:10	AO	9	X		X	X													VOAs w/HCl
	EFF		12:15	AO	9	X	X	X	X													VOAs w/HCl - (DR's Express)

Released by (Signature): <i>V. Handelavian</i>	Received by (Signature): <i>[Signature]</i>	Date: 5/14/04	Time: 14:10
Released by (Signature):	Received by (Signature):	Date:	Time:
Released by (Signature):	Received by (Signature):	Date:	Time:

Cambria Environmental Emeryville

June 18, 2004

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Cynthia Vasko

Project#: 245-0497-003

Project: 98995842

Site: 3790 Hopyard Rd., Pleasanton

Dear Ms. Vasko:

Attached is our report for your samples received on 06/04/2004 14:25

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 07/19/2004 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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	06/04/2004 13:15	Water	1
MID 1	06/04/2004 13:10	Water	2
MID 2	06/04/2004 13:05	Water	3
EFF	06/04/2004 13:00	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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: INF	Lab ID: 2004-06-0173 - 1
Sampled: 06/04/2004 13:15	Extracted: 6/14/2004 14:48
Matrix: Water	QC Batch#: 2004/06/14-1A.64
Analysis Flag: Im (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/L	20.00	06/14/2004 14:48	
Benzene	ND	10	ug/L	20.00	06/14/2004 14:48	
Toluene	ND	10	ug/L	20.00	06/14/2004 14:48	
Ethylbenzene	ND	10	ug/L	20.00	06/14/2004 14:48	
Total xylenes	ND	20	ug/L	20.00	06/14/2004 14:48	
Methyl tert-butyl ether (MTBE)	ND	100	ug/L	20.00	06/14/2004 14:48	
Surrogate(s)						
1,2-Dichloroethane-d4	100.2	76-130	%	20.00	06/14/2004 14:48	
Toluene-d8	98.1	78-115	%	20.00	06/14/2004 14:48	

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

Cambria Environmental Emeryville

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Project: 245-0497-003

98995842

Received: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 1	Lab ID:	2004-06-0173- 2
Sampled:	06/04/2004 13:10	Extracted:	6/14/2004 15:11
Matrix:	Water	QC Batch#:	2004/06/14-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/14/2004 15:11	
Benzene	ND	0.50	ug/L	1.00	06/14/2004 15:11	
Toluene	ND	0.50	ug/L	1.00	06/14/2004 15:11	
Ethylbenzene	ND	0.50	ug/L	1.00	06/14/2004 15:11	
Total xylenes	ND	1.0	ug/L	1.00	06/14/2004 15:11	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	06/14/2004 15:11	
Surrogate(s)						
1,2-Dichloroethane-d4	101.9	76-130	%	1.00	06/14/2004 15:11	
Toluene-d8	100.7	78-115	%	1.00	06/14/2004 15:11	

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

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Project: 245-0497-003
98995842

Received: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID 2	Lab ID:	2004-06-0173 - 3
Sampled:	06/04/2004 13:05	Extracted:	6/14/2004 15:33
Matrix:	Water	QC Batch#:	2004/06/14-1A 64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/14/2004 15:33	
Benzene	ND	0.50	ug/L	1.00	06/14/2004 15:33	
Toluene	ND	0.50	ug/L	1.00	06/14/2004 15:33	
Ethylbenzene	ND	0.50	ug/L	1.00	06/14/2004 15:33	
Total xylenes	ND	1.0	ug/L	1.00	06/14/2004 15:33	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	06/14/2004 15:33	
Surrogate(s)						
1,2-Dichloroethane-d4	101.3	76-130	%	1.00	06/14/2004 15:33	
Toluene-d8	98.5	78-115	%	1.00	06/14/2004 15:33	

Severn Trent Laboratories, Inc.

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06/15/2004 17:12

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	EFF	Lab ID:	2004-06-0173 -4
Sampled:	06/04/2004 13:00	Extracted:	6/14/2004 19:02
Matrix:	Water	QC Batch#:	2004/06/14-2B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/14/2004 19:02	
Benzene	ND	0.50	ug/L	1.00	06/14/2004 19:02	
Toluene	ND	0.50	ug/L	1.00	06/14/2004 19:02	
Ethylbenzene	ND	0.50	ug/L	1.00	06/14/2004 19:02	
Total xylenes	ND	1.0	ug/L	1.00	06/14/2004 19:02	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	1.00	06/14/2004 19:02	
Surrogate(s)						
1,2-Dichloroethane-d4	105.4	76-130	%	1.00	06/14/2004 19:02	
Toluene-d8	97.0	78-115	%	1.00	06/14/2004 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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/06/14-1A.64	
MB: 2004/06/14-1A.64-012				Date Extracted: 06/14/2004 08:12	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/14/2004 08:12	
Benzene	ND	0.5	ug/L	06/14/2004 08:12	
Toluene	ND	0.5	ug/L	06/14/2004 08:12	
Ethylbenzene	ND	0.5	ug/L	06/14/2004 08:12	
Total xylenes	ND	1.0	ug/L	06/14/2004 08:12	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	06/14/2004 08:12	
Surrogates(s)					
1,2-Dichloroethane-d4	97.0	76-130	%	06/14/2004 08:12	
Toluene-d8	99.6	78-115	%	06/14/2004 08:12	

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

Cambria Environmental Emeryville

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Project: 245-0497-003

98995842

Received: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2004/06/14-2B.64	
MB: 2004/06/14-2B.64-028				Date Extracted: 06/14/2004 18:28	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/14/2004 18:28	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	06/14/2004 18:28	
Benzene	ND	0.5	ug/L	06/14/2004 18:28	
Toluene	ND	0.5	ug/L	06/14/2004 18:28	
Ethylbenzene	ND	0.5	ug/L	06/14/2004 18:28	
Total xylenes	ND	1.0	ug/L	06/14/2004 18:28	
Surrogates(s)					
1,2-Dichloroethane-d4	98.8	76-130	%	06/14/2004 18:28	
Toluene-d8	98.2	78-115	%	06/14/2004 18:28	

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2004/06/14-1A.64			
LCS	2004/06/14-1A.64-027		Extracted: 06/14/2004			Analyzed: 06/14/2004 07:27			
LCSD	2004/06/14-1A.64-049		Extracted: 06/14/2004			Analyzed: 06/14/2004 07:49			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	25.5	25.9	25	102.0	103.6	1.6	69-129	20		
Toluene	26.6	26.1	25	106.4	104.4	1.9	70-130	20		
Methyl tert-butyl ether (MTBE)	24.9	25.1	25	99.6	100.4	0.8	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	463	462	500	92.6	92.4		76-130			
Toluene-d8	508	503	500	101.6	100.6		78-115			

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B			Test(s): 8260B		
Laboratory Control Spike		Water		QC Batch # 2004/06/14-2B.64	
LCS	2004/06/14-2B.64-043	Extracted:	06/14/2004	Analyzed:	06/14/2004 17:43
LCSD	2004/06/14-2B.64-006	Extracted:	06/14/2004	Analyzed:	06/14/2004 18:06

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	24.8	25.7	25	99.2	102.8	3.6	65-165	20		
Benzene	26.3	25.0	25	105.2	100.0	5.1	69-129	20		
Toluene	26.6	25.4	25	106.4	101.6	4.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	465	480	500	93.0	96.0		76-130			
Toluene-d8	516	506	500	103.2	101.2		78-115			

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Legend and Notes

Analysis Flag

Im

Reporting limits raised due to high level of non-target analyte materials.

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

06/15/2004 17:12

Page 10 of 10

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	06/04/2004 13:15	Water	1
EFF	06/04/2004 13:00	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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: INF	Lab ID: 2004-06-0173 - 1
Sampled: 06/04/2004 13:15	Extracted: 6/11/2004 08:56
Matrix: Water	QC Batch#: 2004/06/11-03-10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	06/15/2004 19:08	
Surrogate(s)						
o-Terphenyl	151.5	78-177	%	1.00	06/15/2004 19:08	

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Prep(s): 3511	Test(s): 8015M
Sample ID: EFF	Lab ID: 2004-06-0173-4
Sampled: 06/04/2004 13:00	Extracted: 6/11/2004 08:56
Matrix: Water	QC Batch#: 2004/06/11-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	06/15/2004 19:36	
Surrogate(s) o-Terphenyl	144.9	78-177	%	1.00	06/15/2004 19:36	

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 3511				Test(s): 8015M	
Method Blank		Water		QC Batch # 2004/06/11-03.10	
MB: 2004/06/11-03.10-001				Date Extracted: 06/11/2004 08:58	
Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	06/11/2004 12:20	
<i>Surrogates(s)</i> o-Terphenyl	170.8	78-177	%	06/11/2004 12:20	

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

06/17/2004 15:17

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: 06/04/2004 14:25

Site: 3790 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 3511					Test(s): 8015M				
Laboratory Control Spike			Water			QC Batch # 2004/06/11-03.10			
LCS	2004/06/11-03.10-002		Extracted: 06/11/2004			Analyzed: 06/11/2004 16:24			
LCSD	2004/06/11-03.10-003		Extracted: 06/11/2004			Analyzed: 06/11/2004 16:51			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	509	490	680	74.9	72.1	3.8	60-150	25		
Surrogates(s) o-Terphenyl	2.02	1.88	1.25	161.3	150.6		78-177	0		

1220 Quarry Lane
Pleasanton, CA 94568

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

Shell Project Manager to be invoiced:

- Oils & Greases
- METALS
- CSVT HOURS

2004-06-0173

Karen Peayns

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 2

SAP PROGRAM NUMBER (S&E ONLY)

DATE: 6-4-04

PAGE: 1 of 1

SAMPLING COMPANY Cambris Environmental Technology, Inc.		LOG CODE CETS	WTE ADDRESS (Street and City) 3790 Hopyard Road, Pleasanton	GLOBAL ID NO. N/A
ADDRESS 5900 Hollis Street, Suite A, Emeryville, CA 94608		SHIP DELIVERABLE TO (Shipowner Party or Consignee) N/A	PHONE NO. N/A	CONTRACT PROJECT NO. 245-0407-003
PROJECT CONTACT (Name, Title & POC) Cynthia Vasko		SAMPLER NAME (Print) MARTIN HAEDERIAN		
TELEPHONE 510-420-3344	FAX 510-420-9170	EMAIL cvasko@cambris-etr.com		DRIVER ONLY

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

QA - INVOICE REPORT FORMAT: LIST AGENCY:

OCMS MTRC CONFIRMATION: HIGHEST _____ HIGHEST PERFORMING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EQ. IS NOT NEEDED

Flow Totalizer = **1168,145.0** Hour Meter = **7601.3**

Field Sample Identification	SAMPLING		ACT	NO. OF COPIES	TPH - Petroleum	TPH - Extractable (ppm/100)	BTEX	Benzene (ppm)	TBA	1,1-Dichloroethane	1,2-DCA and EDB	Ethanol	Methanol	VOCs by MSMS	Semi-Volatiles by ASTM	Lead (ppm)	Cadmium (ppm)	Cadmium (ppm)	Test for Disposal	TEMPERATURE ON RECEIPT (C)		
	DATE	TIME																				
INF	6-4	1115	AD	7	X	X	X	X													VOAs w/HCI + Max Pres. UoAs	
MID 1		1116	AD	8	X		X	X														VOAs w/HCI
MID 2		1105	AD	4	X		X	X														VOAs w/HCI
EFF		1:00	AD	7	X	X	X	X														VOAs w/HCI + Max Pres. UoAs

Requested by (Signature) <i>Vartan Haedarian</i>	Requested by (Signature) <i>[Signature]</i>	Date 06/04/04	Time 1425
Requested by (Signature)	Requested by (Signature)	Date	Time
Requested by (Signature)	Requested by (Signature)	Date	Time

O&M SHEET (7/11) 03A-0103