



August 18, 2003

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

Alameda County  
AUG 29 2003  
Environmental Health

**Subject: Shell-branded Service Station**  
5251 Hopyard Road  
Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a copy of the *Second Quarter 2003 Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

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

Sincerely,

**Shell Oil Products US**

Karen Petryna  
Sr. Environmental Engineer

August 18, 2003

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

Re: **Second Quarter 2003 Monitoring Report**  
Shell-branded Service Station  
5251 Hopyard Road  
Pleasanton, California  
Incident #98995843  
Cambria Project #245-0699-002



Dear Mr. Seery:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

## **SECOND QUARTER 2003 ACTIVITIES**

**Groundwater Monitoring:** Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a groundwater elevation contour map (Figure 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A

**Additional Oxygenate Analysis:** In addition to the regular analysis for total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes, and methyl-tertiary-butyl ether (MTBE), groundwater samples from all monitoring wells were analyzed for lead scavengers. Analytical results for MTBE, 1,2-dibromomethane, and 1,2-dichloroethane are presented in Table 1.

**Cambria  
Environmental  
Technology, Inc.**

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

**ANTICIPATED FUTURE ACTIVITIES**

**Groundwater Monitoring:** The next sampling event is scheduled for the second quarter of 2004. At that time, Blaine will gauge and sample all wells and tabulate the data. Cambria will prepare a monitoring report.

**CLOSING**



We appreciate the opportunity to work with you on this project. Please call Matt Derby at (510) 420-3332 if you have any questions or comments.

Sincerely,  
**Cambria Environmental Technology, Inc**

Anni Kreml  
Senior Staff Scientist

Matthew W. Derby, P.E.  
Senior Project Engineer

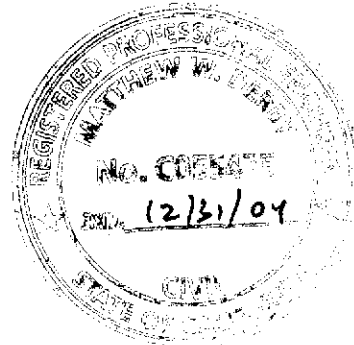


Figure: 1 - Groundwater Elevation Contour Map

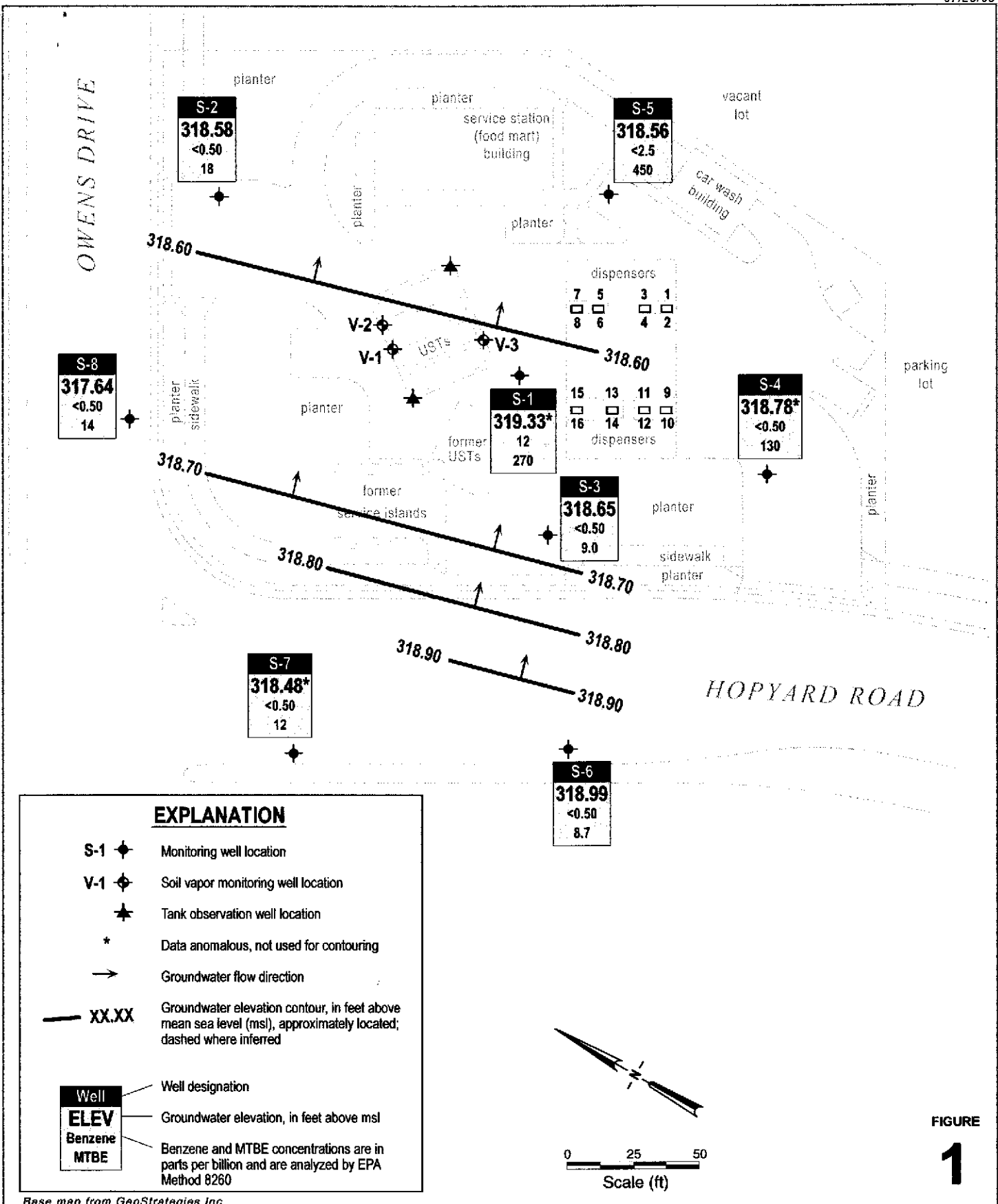
Table: 1 - Groundwater Analytical Data - Oxygenates

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

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

G:\Pleasanton 5251 Hopyard\QM\2q03\2q03qm.doc

G:\PLEASANTON\5251 HOPYARD\FIGURES\2\QM03-MP.A1



Base map from GeoStrategies Inc.

FIGURE  
**1**

**Shell-branded Service Station**  
5251 Hopyard Road  
Pleasanton, California  
Incident #98995843



C A M B R I A

**Groundwater Elevation Contour Map**  
May 30, 2003

**Table 1. Groundwater Analytical Data - Oxygenates - Shell-branded Service Station, Incident #98995843, 5251 Hopyard Road, Pleasanton, California**

Sample ID	Date Sampled	MTBE	DIPE	ETBE	TAME	TBA	Ethanol	EDB	1,2-DCA
		(Concentrations in ppb)							
S-1	06/17/02	140	<2.0	<2.0	<2.0	<50	<500	---	---
	05/30/03	270	---	---	---	---	---	<0.5	<0.5
S-2	05/30/03	18	---	---	---	---	---	<0.5	<0.5
S-3	05/30/03	9.0	---	---	---	---	---	<0.5	0.82
S-4	05/30/03	130	---	---	---	---	---	<0.5	<0.5
S-5	06/17/02	210	<2.0	<2.0	<2.0	<50	<500	---	---
	05/30/03	450	---	---	---	---	---	<0.5	<0.5
S-6	05/30/03	8.7	---	---	---	---	---	<0.5	<0.5
S-7	05/30/03	12	---	---	---	---	---	<0.5	<0.5
S-8	05/30/03	14	---	---	---	---	---	<0.5	<0.5

**Abbreviations & Notes:**

MTBE = Methyl tert-butyl ether, analyzed by EPA Method 8260B  
 DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B  
 ETBE = Ethyl tert-butyl ether, analyzed by EPA Method 8260B  
 TAME = Tert-amyl methyl ether, analyzed by EPA Method 8260B  
 TBA = Tert-butyl alcohol, analyzed by EPA Method 8260B  
 EDB = 1,2-dibromomethane or ethylene dibromide, analyzed by EPA Method 8260  
 1,2-DCA = 1,2-dichloroethane, analyzed by EPA Method 8260  
 Ethanol analyzed by EPA Method 8260B  
 ppb = Parts per billion

**ATTACHMENT A**  
**Blaine Groundwater Monitoring Report**  
**and Field Notes**

**BLAINE**  
TECH SERVICES



1680 ROGERS AVENUE  
SAN JOSE, CA 95112-1105  
(408) 573-7771 FAX  
(408) 573-0555 PHONE  
CONTRACTOR'S LICENSE #746684  
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June 24, 2003

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

Second Quarter 2003 Groundwater Monitoring at  
Shell-branded Service Station  
5251 Hopyard Road  
Pleasanton, CA

Monitoring performed on May 30, 2003

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Groundwater Monitoring Report **030530-MT-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Leon Gearhart  
Project Coordinator

LG/jt

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

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



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/25/1991	2,500	1,500	460	<25	130	36	NA	NA	326.73	NA	NA	NA
S-1	04/06/1991	6,700	2,600a	2,600	14	580	250	NA	NA	326.73	NA	NA	NA
S-1	07/24/1991	8,800	3,800a	2,300	30	640	220	NA	NA	326.73	NA	NA	NA
S-1	10/18/1991	12,000	3,300a	3,600	380	990	580	NA	NA	326.73	8.85	317.88	NA
S-1	01/23/1992	1,600	890	450	3	120	17	NA	NA	326.73	NA	NA	NA
S-1	04/27/1992	1,100g	500a	610	<10	110	10	NA	NA	326.73	NA	NA	NA
S-1	07/21/1992	5,100	290c	1,900	54	460	140	NA	NA	326.73	NA	NA	NA
S-1	10/16/1992	13,000	390c	3,200	310	780	360	NA	NA	326.73	NA	NA	NA
S-1	01/23/1993	2,300	30d	640	<5	110	13	NA	NA	326.73	7.96	318.77	NA
S-1	04/28/1993	4,600	390	780	<0.5	250	<0.5	NA	NA	326.73	9.07	317.66	NA
S-1	09/22/1993	3,000	610a	660	28	160	17	NA	NA	326.73	8.68	318.05	NA
S-1	12/08/1993	520	280	210	<2.5	49	<2.5	NA	NA	326.73	8.23	318.50	NA
S-1	03/04/1994	640	NA	190	1.4	18	1.3	NA	NA	326.73	8.81	317.92	NA
S-1 (D)	03/04/1994	640	NA	180	1.7	17	1.3	NA	NA	326.73	8.81	317.92	NA
S-1	06/16/1994	2,500	NA	390	9.5	31	7.5	NA	NA	326.73	8.80	317.93	NA
S-1 (D)	06/16/1994	2,000	NA	410	7.8	120	20	NA	NA	326.73	8.80	317.93	NA
S-1	09/13/1994	1,400	NA	310	7.7	29	8.5	NA	NA	326.73	8.62	318.11	NA
S-1 (D)	09/13/1994	1,400	NA	240	7.9	44	6.3	NA	NA	326.73	8.62	318.11	NA
S-1	05/05/1995	800	NA	120	3.6	26	2.7	NA	NA	326.73	11.54	315.19	NA
S-1 (D)	05/05/1995	710	NA	110	3.4	19	2.7	NA	NA	326.73	11.54	315.19	NA
S-1	05/21/1996	1,500	NA	170	8.5	120	6.7	NA	NA	326.73	8.88	317.85	NA
S-1	05/12/1997	4,700	NA	200	15	210	20	2,300	NA	326.73	11.19	315.54	2.4
S-1 (D)	05/12/1997	4,800	NA	210	16	190	16	3,200	2,900	326.73	11.19	315.54	2.4
S-1	05/08/1998	500	NA	18	2.1	2.3	2	1,000	NA	326.73	8.38	318.35	2.1
S-1	06/27/1999	2,970	NA	117	32.0	69.1	17.5	374	NA	326.73	8.79	317.94	2.4
S-1	04/28/2000	1,920	NA	50.5	15.0	67.2	46.7	276	NA	326.73	8.50	318.23	2.8

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	05/30/2001	3,900	NA	27	12	140	28	NA	140	326.73	8.18	318.55	2.6
S-1	06/17/2002	2,700	NA	25	11	51	14	NA	140	326.73	8.39	318.34	3.2
S-1	05/30/2003	3,900	NA	12	8.2	47	12	NA	270	326.74	7.41	319.33	1.2
S-2	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.83	317.76	NA
S-2	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	07/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	01/23/1993	<50	140b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.10	318.49	NA
S-2	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	9.06	317.53	NA
S-2	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.91	317.68	NA
S-2	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.59	9.07	317.52	NA
S-2	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.90	317.69	NA
S-2	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.98	317.61	NA
S-2	09/13/1994	<50	NA	<0.5	2.5	<0.5	<0.5	NA	NA	326.59	8.78	317.81	NA
S-2	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.60	317.99	NA
S-2	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.75	317.84	NA
S-2	05/12/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	326.59	8.72	317.87	3.4
S-2	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.59	8.63	317.96	3.1
S-2	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	326.59	8.79	317.80	2.6
S-2	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.59	8.33	318.26	2.0
S-2	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.59	8.56	318.03	1.8

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)	DO Reading (ppm)
S-2	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	326.59	8.87	317.72	i
S-2	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	18	326.47	7.89	318.58	1.7
S-3	01/25/1991	870	330	230	<2.5	130	<2.5	NA	NA	327.38	NA	NA	NA
S-3	04/16/1991	190	140a	12	0.8	6.2	1.5	NA	NA	327.38	NA	NA	NA
S-3	07/24/1991	1,700	1,200a	450	4.4	150	2.9	NA	NA	327.38	NA	NA	NA
S-3	10/18/1991	1,900	500	370	3.1	120	220	NA	NA	327.38	9.64	317.74	NA
S-3	01/23/1992	2,000	650a	580	3	200	<0.5	NA	NA	327.38	NA	NA	NA
S-3	04/27/1992	1,100	230a	150	<3	76	14	NA	NA	327.38	NA	NA	NA
S-3	07/17/1992	810	58	200	<2.5	57	3.8	NA	NA	327.38	NA	NA	NA
S-3	10/16/1992	440	190c	79	1.8	18	4.6	NA	NA	327.38	NA	NA	NA
S-3	01/23/1993	670	170d	79	1.5	46	15	NA	NA	327.38	8.81	318.57	NA
S-3	04/28/1993	2,000	<50	300	3.4	210	38	NA	NA	327.38	9.87	317.51	NA
S-3	09/22/1993	4,800	670a	2,000	34	150	51	NA	NA	327.38	9.65	317.73	NA
S-3	12/08/1993	1,200	11	440	<5.0	120	29	NA	NA	327.38	9.26	318.12	NA
S-3	03/04/1994	630	NA	130	<0.5	17	0.8	NA	NA	327.38	9.64	317.74	NA
S-3	06/16/1994	1,800	NA	430	19	35	21	NA	NA	327.38	9.78	317.60	NA
S-3	05/05/1995	160	NA	50	0.9	7.2	4.1	NA	NA	327.38	9.38	318.00	NA
S-3	05/21/1996	270	NA	45	<0.5	1.4	<0.5	NA	NA	327.38	9.41	317.97	NA
S-3 (D)	05/21/1996	210	NA	<0.5	<0.5	0.95	<0.5	NA	NA	327.38	9.41	317.97	NA
S-3	05/12/1997	420	NA	<1.0	<1.0	<1.0	<1.0	57	NA	327.38	9.30	318.08	2.5
S-3	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	327.38	9.12	318.26	2.2
S-3	06/27/1999	106	NA	8.51	<0.500	<0.500	<0.500	31.0	NA	327.38	9.39	317.99	2.1
S-3	04/28/2000	139	NA	7.58	<0.500	<0.500	<0.500	42.6	NA	327.38	9.04	318.34	1.8
S-3	05/30/2001	2,200	NA	510	6.9	100	21	NA	33	327.38	9.19	318.19	2.0
S-3	06/17/2002	600	NA	150	2.1	30	11	NA	36	327.38	9.35	318.03	0.1

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.0	327.04	8.39	318.65	1.2
S-4	01/25/1991	<50	<50	<0.5	1.5	<0.5	2.8	NA	NA	327.38	NA	NA	NA
S-4	04/16/1991	<50	0.7	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	8.82	318.56	NA
S-4	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	07/17/1992	<500	74	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	10/16/1992	<500	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	01/23/1993	<500	94b	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	8.32	319.06	NA
S-4	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.76	317.62	NA
S-4	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.30	318.08	NA
S-4	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.74	317.64	NA
S-4	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.60	317.78	NA
S-4	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.42	317.96	NA
S-4	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.02	318.36	NA
S-4	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.29	318.09	NA
S-4	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	140	NA	327.38	7.95	319.43	2.5
S-4	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	250	NA	327.38	8.96	318.42	2.0
S-4	06/27/1999	303	NA	35.8	24.8	12.4	69.8	106	NA	327.38	8.90	318.48	2.6
S-4	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	40.2	NA	327.38	8.37	319.01	1.9
S-4	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	6.8	327.38	8.83	318.55	1.8
S-4	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	31	327.38	9.37	318.01	4.8
S-4	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	130	327.24	8.46	318.78	1.4

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)	DO Reading (ppm)
S-5	01/25/1991	<50	<50	<0.5	<0.5	<0.5	0.7	NA	NA	327.76	NA	NA	NA
S-5	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.8	NA	NA	327.76	NA	NA	NA
S-5	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	10/18/1991	120e	<50	4.3	<0.5	1	0.7	NA	NA	327.76	10.00	317.76	NA
S-5	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	04/27/1992	50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	327.76	NA	NA	NA
S-5	07/17/1992	<50	70	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	10/16/1992	230	57	13	<0.5	4.9	4.3	NA	NA	327.76	NA	NA	NA
S-5	01/23/1993	<50	150b	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	8.88	318.88	NA
S-5	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	10.20	317.56	NA
S-5	09/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.92	317.84	NA
S-5	12/08/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	10.19	317.57	NA
S-5	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.95	317.81	NA
S-5	06/16/1994	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	327.76	10.02	317.74	NA
S-5	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.58	318.18	NA
S-5	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.84	317.92	NA
S-5	05/12/1997	360	NA	3.3	<0.50	17	9.8	130	NA	327.76	9.16	318.60	4.2
S-5	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	92	NA	327.76	9.25	318.51	3.8
S-5 (D)	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	100	NA	327.76	9.25	318.51	3.8
S-5	06/27/1999	223	NA	13.7	12.9	8.20	45.8	106	NA	327.76	9.39	318.37	3.0
S-5	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	327.76	9.43	318.33	1.2
S-5	05/30/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	480	327.76	9.47	318.29	1.1
S-5	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	327.76	9.74	318.02	0.2
S-5	05/30/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	450	327.43	8.87	318.56	1.7
S-6	01/25/1991	<50	<50	<0.5	1.7	<0.5	2.8	NA	NA	326.56	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-6	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	326.56	NA	NA	NA
S-6	07/24/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	NA	NA	NA
S-6	10/18/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	8.84	317.22	NA
S-6	01/23/1992	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	NA	NA	NA
S-6	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	07/17/1992	400	130	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	01/23/1993	<50	230b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	7.82	318.74	NA
S-6	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	9.00	317.56	NA
S-6	09/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.61	317.96	NA
S-6	12/08/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	10.02	316.54	NA
S-6	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.88	317.68	NA
S-6	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	9.04	317.52	NA
S-6	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.54	318.02	NA
S-6	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.62	317.94	NA
S-6	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.56	8.60	317.96	2.6
S-6	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.56	7.90	318.66	2.2
S-6	06/27/1999	430	NA	50.1	30.5	15.2	83.5	8.05	NA	326.56	8.01	318.55	2.3
S-6	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.56	8.84	317.72	2.0
S-6	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.56	8.54	318.02	1.9
S-6	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	326.56	8.48	318.08	1.3
<b>S-6</b>	<b>05/30/2003</b>	<b>&lt;50</b>	<b>NA</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>NA</b>	<b>8.7</b>	<b>326.35</b>	<b>7.36</b>	<b>318.99</b>	<b>1.0</b>
S-7	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)	DO Reading (ppm)
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S-7	10/18/1991	<50	140f	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.92	317.57	NA
S-7	01/23/1992	<50	140f	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	07/17/1992	<50	<50	<0.5	1.8	0.6	4.1	NA	NA	326.49	NA	NA	NA
S-7	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	01/23/1993	<50	110b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.06	318.43	NA
S-7	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.94	317.55	NA
S-7	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.57	317.92	NA
S-7	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.00	317.49	NA
S-7	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.96	317.53	NA
S-7	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.12	317.37	NA
S-7	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.58	317.91	NA
S-7	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.64	317.85	NA
S-7	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.49	8.74	317.75	2.3
S-7	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.49	8.00	318.49	2.5
S-7	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	326.49	8.75	317.74	2.9
S-7	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.49	8.96	317.53	2.2
S-7	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.49	8.65	317.84	2.0
S-7	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	326.49	8.55	317.94	2.3
S-7	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	12	326.36	7.88	318.48	1.8

S-8	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	10/18/1991	<50	360f	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.62	317.70	NA
S-8	01/23/1992	<50	90	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-8	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	07/17/1992	53	<50	<0.5	1	<0.5	1.8	NA	NA	325.32	NA	NA	NA
S-8	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	01/23/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.00	318.32	NA
S-8	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.77	317.55	NA
S-8	09/22/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.67	317.65	NA
S-8	12/08/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.76	317.56	NA
S-8	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.66	317.66	NA
S-8	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.78	317.54	NA
S-8	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.42	317.90	NA
S-8	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.50	317.82	NA
S-8	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	325.32	7.56	317.76	1.6
S-8	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	325.32	7.64	317.68	2.0
S-8	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	325.32	7.75	317.57	2.3
S-8	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	325.32	8.02	317.30	1.8
S-8	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	325.32	7.34	317.98	1.8
S-8	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	325.32	7.45	317.87	1.8
S-8	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	14	325.03	7.39	317.64	3.0



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)	DO Reading (ppm)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.

MTBE = Methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 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)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

- a = Compounds detected as TEPH appear to be the less volatile constituents of gasoline.
- b = The concentration reported as TEPH primarily due to the presence of a heavier petroleum product.
- c = The concentration reported as TEPH due to the presence of a lighter petroleum product.
- d = Concentrations reported as diesel includes a heavier petroleum product.
- e = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard gasoline pattern.
- g = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard diesel pattern.
- h = The chromatographic pattern of the purgeable hydrocarbons found in the sample is similar to the pattern of weathered gasoline.
- i = DO reading not taken.

Site surveyed April 16, 2002, by Virgil Chavez Land Surveying of Vallejo, California.  
 Beginning May 30, 2003, depth to water referenced to Top of Casing elevation.

**Blaine Tech Services, Inc.**

June 13, 2003

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attn.: Leon Gearhart  
Project#: 030530-MT1  
Project: 98995843  
Site: 5251 Hopyard Rd., Pleasanton

Dear Mr. Gearhart,

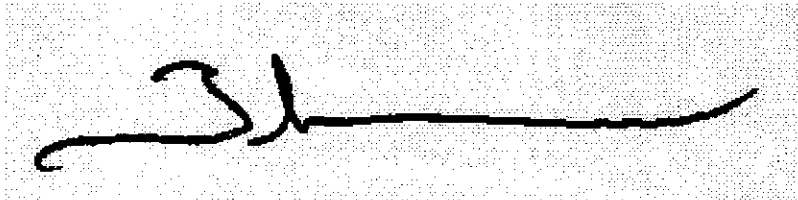
Attached is our report for your samples received on 06/02/2003 15:53  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after  
07/17/2003 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: [tgranicher@stl-inc.com](mailto:tgranicher@stl-inc.com)

Sincerely,



Tod Granicher  
Project Manager

**Gas/BTEX/MTBE 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: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
S-1	05/30/2003 11:25	Water	1
S-2	05/30/2003 09:10	Water	2
S-3	05/30/2003 11:10	Water	3
S-4	05/30/2003 10:40	Water	4
S-5	05/30/2003 10:55	Water	5
S-6	05/30/2003 09:35	Water	6
S-7	05/30/2003 09:50	Water	7
S-8	05/30/2003 10:15	Water	8

**Gas/BTEX/MTBE 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: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	S-1	Lab ID:	2003-06-0047 - 1
Sampled:	05/30/2003 11:25	Extracted:	6/12/2003 17:01
Matrix:	Water	QC Batch#:	2003/06/12-1b.64
Analysis Flag: o ( See Legend and Note Section )			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3900	250	ug/L	5.00	06/12/2003 17:01	
Benzene	12	2.5	ug/L	5.00	06/12/2003 17:01	
Toluene	8.2	2.5	ug/L	5.00	06/12/2003 17:01	
Ethylbenzene	47	2.5	ug/L	5.00	06/12/2003 17:01	
Total xylenes	12	5.0	ug/L	5.00	06/12/2003 17:01	
Methyl tert-butyl ether (MTBE)	270	2.5	ug/L	5.00	06/12/2003 17:01	
1,2-DCA	ND	0.5	ug/L	1.00	06/12/2003 17:01	
EDB	ND	0.5	ug/L	1.00	06/12/2003 17:01	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	110.9	76-130	%	5.00	06/12/2003 17:01	
Toluene-d8	94.8	78-115	%	5.00	06/12/2003 17:01	

**Gas/BTEX/MTBE 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: 030530-MT1  
98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: S-2	Lab ID: 2003-06-0047 - 2
Sampled: 05/30/2003 09:10	Extracted: 6/12/2003 17:23
Matrix: Water	QC Batch#: 2003/06/12-1b 64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/12/2003 17:23	
Benzene	ND	0.50	ug/L	1.00	06/12/2003 17:23	
Toluene	ND	0.50	ug/L	1.00	06/12/2003 17:23	
Ethylbenzene	ND	0.50	ug/L	1.00	06/12/2003 17:23	
Total xylenes	ND	1.0	ug/L	1.00	06/12/2003 17:23	
Methyl tert-butyl ether (MTBE)	18	0.50	ug/L	1.00	06/12/2003 17:23	
1,2-DCA	ND	0.5	ug/L	1.00	06/12/2003 17:23	
EDB	ND	0.5	ug/L	1.00	06/12/2003 17:23	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	98.5	76-130	%	1.00	06/12/2003 17:23	
Toluene-d8	95.5	78-115	%	1.00	06/12/2003 17:23	

**Gas/BTEX/MTBE 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: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	S-3	Lab ID:	2003-06-0047 - 3
Sampled:	05/30/2003 11:10	Extracted:	6/10/2003 17:40
Matrix:	Water	QC Batch#:	2003/06/10-1f.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/10/2003 17:40	
Benzene	ND	0.50	ug/L	1.00	06/10/2003 17:40	
Toluene	ND	0.50	ug/L	1.00	06/10/2003 17:40	
Ethylbenzene	ND	0.50	ug/L	1.00	06/10/2003 17:40	
Total xylenes	ND	1.0	ug/L	1.00	06/10/2003 17:40	
Methyl tert-butyl ether (MTBE)	9.0	0.50	ug/L	1.00	06/10/2003 17:40	
1,2-DCA	0.82	0.5	ug/L	1.00	06/10/2003 17:40	
EDB	ND	0.5	ug/L	1.00	06/10/2003 17:40	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	107.9	76-130	%	1.00	06/10/2003 17:40	
Toluene-d8	98.0	78-115	%	1.00	06/10/2003 17:40	

**Gas/BTEX/MTBE 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: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	S-4	Lab ID:	2003-06-0047 - 4
Sampled:	05/30/2003 10:40	Extracted:	6/10/2003 18:02
Matrix:	Water	QC Batch#:	2003/06/10-1f.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/10/2003 18:02	
Benzene	ND	0.50	ug/L	1.00	06/10/2003 18:02	
Toluene	ND	0.50	ug/L	1.00	06/10/2003 18:02	
Ethylbenzene	ND	0.50	ug/L	1.00	06/10/2003 18:02	
Total xylenes	ND	1.0	ug/L	1.00	06/10/2003 18:02	
Methyl tert-butyl ether (MTBE)	130	0.50	ug/L	1.00	06/10/2003 18:02	
1,2-DCA	ND	0.5	ug/L	1.00	06/10/2003 18:02	
EDB	ND	0.5	ug/L	1.00	06/10/2003 18:02	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	100.4	76-130	%	1.00	06/10/2003 18:02	
Toluene-d8	97.4	78-115	%	1.00	06/10/2003 18:02	



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

Blaine Tech Services, Inc.

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

Project: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	S-5	Lab ID:	2003-06-0047 - 5
Sampled:	05/30/2003 10:55	Extracted:	6/12/2003 18:29
Matrix:	Water	QC Batch#:	2003/06/12-1b.64
Analysis Flag: o ( See Legend and Note Section )			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	250	ug/L	5.00	06/12/2003 18:29	
Benzene	ND	2.5	ug/L	5.00	06/12/2003 18:29	
Toluene	ND	2.5	ug/L	5.00	06/12/2003 18:29	
Ethylbenzene	ND	2.5	ug/L	5.00	06/12/2003 18:29	
Total xylenes	ND	5.0	ug/L	5.00	06/12/2003 18:29	
Methyl tert-butyl ether (MTBE)	450	2.5	ug/L	5.00	06/12/2003 18:29	
1,2-DCA	ND	0.5	ug/L	1.00	06/12/2003 18:29	
EDB	ND	0.5	ug/L	1.00	06/12/2003 18:29	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	115.6	76-130	%	5.00	06/12/2003 18:29	
Toluene-d8	95.9	78-115	%	5.00	06/12/2003 18:29	

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

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105

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

Project: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	S-6	Lab ID:	2003-06-0047 - 6
Sampled:	05/30/2003 09:35	Extracted:	6/12/2003 18:51
Matrix:	Water	QC Batch#:	2003/06/12-1b.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/12/2003 18:51	
Benzene	ND	0.50	ug/L	1.00	06/12/2003 18:51	
Toluene	ND	0.50	ug/L	1.00	06/12/2003 18:51	
Ethylbenzene	ND	0.50	ug/L	1.00	06/12/2003 18:51	
Total xylenes	ND	1.0	ug/L	1.00	06/12/2003 18:51	
Methyl tert-butyl ether (MTBE)	8.7	0.50	ug/L	1.00	06/12/2003 18:51	
1,2-DCA	ND	0.5	ug/L	1.00	06/12/2003 18:51	
EDB	ND	0.5	ug/L	1.00	06/12/2003 18:51	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	97.2	76-130	%	1.00	06/12/2003 18:51	
Toluene-d8	97.3	78-115	%	1.00	06/12/2003 18:51	

**Gas/BTEX/MTBE 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: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	S-7	Lab ID:	2003-06-0047 - 7
Sampled:	05/30/2003 09:50	Extracted:	6/10/2003 19:09
Matrix:	Water	QC Batch#:	2003/06/10-1f.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/10/2003 19:09	
Benzene	ND	0.50	ug/L	1.00	06/10/2003 19:09	
Toluene	ND	0.50	ug/L	1.00	06/10/2003 19:09	
Ethylbenzene	ND	0.50	ug/L	1.00	06/10/2003 19:09	
Total xylenes	ND	1.0	ug/L	1.00	06/10/2003 19:09	
Methyl tert-butyl ether (MTBE)	12	0.50	ug/L	1.00	06/10/2003 19:09	
1,2-DCA	ND	0.5	ug/L	1.00	06/10/2003 19:09	
EDB	ND	0.5	ug/L	1.00	06/10/2003 19:09	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	101.7	76-130	%	1.00	06/10/2003 19:09	
Toluene-d8	95.5	78-115	%	1.00	06/10/2003 19:09	

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

Blaine Tech Services, Inc.

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Project: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: S-8	Lab ID: 2003-06-0047 - 8
Sampled: 05/30/2003 10:15	Extracted: 6/10/2003 19:31
Matrix: Water	QC Batch#: 2003/06/10-1f.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/10/2003 19:31	
Benzene	ND	0.50	ug/L	1.00	06/10/2003 19:31	
Toluene	ND	0.50	ug/L	1.00	06/10/2003 19:31	
Ethylbenzene	ND	0.50	ug/L	1.00	06/10/2003 19:31	
Total xylenes	ND	1.0	ug/L	1.00	06/10/2003 19:31	
Methyl tert-butyl ether (MTBE)	14	0.50	ug/L	1.00	06/10/2003 19:31	
1,2-DCA	ND	0.5	ug/L	1.00	06/10/2003 19:31	
EDB	ND	0.5	ug/L	1.00	06/10/2003 19:31	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	103.6	76-130	%	1.00	06/10/2003 19:31	
Toluene-d8	102.8	78-115	%	1.00	06/10/2003 19:31	

**Gas/BTEX/MTBE 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: 030530-MT1  
98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B				Test(s): 8260FAB	
Method Blank		Water		QC Batch # 2003/06/10-11.64	
MB: 2003/06/10-11.64-003				Date Extracted: 06/10/2003 11:30	

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/10/2003 11:30	
Benzene	ND	0.5	ug/L	06/10/2003 11:30	
Toluene	ND	0.5	ug/L	06/10/2003 11:30	
Ethylbenzene	ND	0.5	ug/L	06/10/2003 11:30	
Total xylenes	ND	1.0	ug/L	06/10/2003 11:30	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/10/2003 11:30	
1,2-DCA	ND	0.5	ug/L	06/10/2003 11:30	
EDB	ND	0.5	ug/L	06/10/2003 11:30	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	94.8	76-130	%	06/10/2003 11:30	
Toluene-d8	96.0	78-115	%	06/10/2003 11:30	

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

Blaine Tech Services, Inc.

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1680 Rogers Avenue

San Jose, CA 95112-1105

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

Project: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Batch QC Report		
Prep(s): 5030B		Test(s): 8260FAB
Method Blank	Water	QC Batch # 2003/06/12-1b.64
MB: 2003/06/12-1b.64-003		Date Extracted: 06/12/2003 12:37

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/12/2003 12:37	
Benzene	ND	0.5	ug/L	06/12/2003 12:37	
Toluene	ND	0.5	ug/L	06/12/2003 12:37	
Ethylbenzene	ND	0.5	ug/L	06/12/2003 12:37	
Total xylenes	ND	1.0	ug/L	06/12/2003 12:37	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/12/2003 12:37	
1,2-DCA	ND	0.5	ug/L	06/12/2003 12:37	
EDB	ND	0.5	ug/L	06/12/2003 12:37	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	99.4	76-130	%	06/12/2003 12:37	
Toluene-d8	99.8	78-115	%	06/12/2003 12:37	

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

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105

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Project: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Batch QC Report									
Prep(s): 5030B					Test(s): 8260FAB				
Laboratory Control Spike			Water			QC Batch # 2003/06/10-1f.64			
LCS	2003/06/10-1f.64-002		Extracted: 06/10/2003			Analyzed: 06/10/2003 10:46			
LCSD	2003/06/10-1f.64-001		Extracted: 06/10/2003			Analyzed: 06/10/2003 11:08			

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	23.0	23.0	25	92.0	92.0	0.0	69-129	20		
Toluene	22.3	23.0	25	89.2	92.0	3.1	70-130	20		
Methyl tert-butyl ether (MTBE)	25.1	23.8	25	100.4	95.2	5.3	65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	473	461	500	94.6	92.2		76-130			
Toluene-d8	484	478	500	96.8	95.6		78-115			

Severn Trent Laboratories, Inc.

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

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

08/06/2003 15:40

**Gas/BTEX/MTBE 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: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Batch QC Report					
Prep(s): 5030B			Test(s): 8260FAB		
Laboratory Control Spike		Water		QC Batch # 2003/06/12-1b.64	
LCS	2003/06/12-1b.64-002	Extracted: 06/12/2003		Analyzed: 06/12/2003 11:52	
LCSD	2003/06/12-1b.64-001	Extracted: 06/12/2003		Analyzed: 06/12/2003 12:15	

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	22.2	21.9	25	88.8	87.6	1.4	69-129	20		
Toluene	22.5	21.1	25	90.0	84.4	6.4	70-130	20		
Methyl tert-butyl ether (MTBE)	23.7	23.6	25	94.8	94.4	0.4	65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	477	463	500	95.4	92.6		76-130			
Toluene-d8	481	470	500	96.2	94.0		78-115			



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

Blaine Tech Services, Inc.

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

Project: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., Pleasanton

Batch QC Report			
Prep(s):	5030B	Test(s):	8260FAB
Matrix Spike ( MS / MSD )	Water	QC Batch #	2003/06/12-1b.64
S-2 >> MS		Lab ID:	2003-06-0047-002
MS: 2003/06/12-1b.64-021	Extracted: 06/12/2003	Analyzed:	06/12/2003 17:45
		Dilution:	1.00
MSD: 2003/06/12-1b.64-022	Extracted: 06/12/2003	Analyzed:	06/12/2003 18:07
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	24.3	23.3	ND	25	97.2	93.2	4.2	69-129	20		
Toluene	24.3	23.8	ND	25	97.2	95.2	2.1	70-130	20		
Methyl tert-butyl ether	46.1	42.0	17.5	25	114.4	98.0	15.4	65-165	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	542	501		500	108.4	100.2		76-130			
Toluene-d8	492	513		500	98.4	102.6		78-115			

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

Blaine Tech Services, Inc.

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

Project: 030530-MT1

98995843

Received: 06/02/2003 15:53

Site: 5251 Hopyard Rd., 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

74110

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:

Karen Petryna

2003-06-0047

SCIENCE & ENGINEERING  
 TECHNICAL SERVICES  
 CRMT HOUSTON

INCIDENT NUMBER (S&E ONLY)  
 9 8 9 9 5 8 4 3  
 SAP or CRMT NUMBER (TS/CRMT)

DATE: 5-30-03

PAGE: 1 of 1

SAMPLER COMPANY: Blaine Tech Services  
 LOG CODE: BTSS  
 SITE ADDRESS (Street and City): 5251 Hopyard Rd., Pleasanton  
 ADDRESS: 1880 Rogers Avenue, San Jose, CA 95112  
 PHONE NO.: (510) 420-3335  
 CONTRACT PROJECT NO.: BTSS # 030530-UT1  
 PROVIDER CONTACT (Name, Title, or PO# Name): Leon Gearhart  
 TELEPHONE: 408-573-0556  
 FAX: 408-573-7771  
 EMAIL: lgearhart@blainetech.com  
 TURNAROUND TIME (BUSINESS DAYS):  10 DAYS

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  
 5.2  
 TEMPERATURE ON RECEIPT: C

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTX	MTBE (B21B - 5ppb RL)	MTEB (B26B - 0.5ppb RL)	Oxygenates (5) by (B260B)	Ethanol (B260B)	Methanol	EDB & 1,2-DCA (B260B)
		DATE	TIME										
	S-1	5/29/03	1125	W1	3	X	Y	X					
	S-2		0910		3	Y	Y	Y					
	S-3		1110		3	Y	Y	Y					
	S-4		1040		3	Y	Y	Y					
	S-5		1055		3	Y	Y	Y					
	S-6		0935		3	Y	Y	Y					
	S-7		0950		3	Y	Y	Y					
	S-8		1015		3	Y	Y	Y					

Relinquished by (Signature): *[Signature]* Received by (Signature): *[Signature]* Date: 6/2/03 Time: 1553  
 Relinquished by (Signature): *[Signature]* Received by (Signature): *[Signature]* Date: 6/2/03 Time: 1741  
 Relinquished by (Signature): *[Signature]* Received by (Signature): *[Signature]* Date: 6/2/03 Time: 1741



## SHELL WELL MONITORING DATA SHEET

BTS #: <u>030530-MTI</u>	Site: <u>98995843</u>
Sampler: <u>M.TDI</u>	Date: <u>05-30-03</u>
Well I.D.: <u>5-1</u>	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth (TD): <u>29.27</u>	Depth to Water (DTW): <u>7.41</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.78</u>	

Purge Method:  Bailer       Water      Sampling Method: (Bailer)  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Middleburg       Extraction Pump       Extraction Port  
 Electric Submersible      Other \_\_\_\_\_       Dedicated Tubing

Other: \_\_\_\_\_

	Well Diameter	Multiplier	Well Diameter	Multiplier
<u>8.1</u> (Gals.) X <u>3</u> = <u>24.3</u> Gals.	1"	0.04	4"	0.65
1 Case Volume      Specified Volumes      Calculated Volume	2"	0.16	6"	1.47
	3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>(µS)</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1115</u>	<u>66.7</u>	<u>7.9</u>	<u>1751</u>	<u>157</u>	<u>8.1</u>	<u>Strong Odor, Grey</u>
<u>1118</u>	<u>66.1</u>	<u>7.7</u>	<u>1596</u>	<u>39</u>	<u>16.2</u>	<u>" "</u>
<u>1121</u>	<u>66.0</u>	<u>7.7</u>	<u>1590</u>	<u>20</u>	<u>24.3</u>	<u>" "</u>

Did well dewater?    Yes     No       Gallons actually evacuated: 24.3

Sampling Date: 05-30-03      Sampling Time: 1125      Depth to Water: 11.10

Sample I.D.: 5-1      Laboratory: (STL) Other \_\_\_\_\_

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	<u>(Post-purge)</u>	1.2	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV









## SHELL WELL MONITORING DATA SHEET

BTS #: <u>030530-MTI</u>	Site: <u>98995843</u>
Sampler: <u>M.TDI</u>	Date: <u>05-30-03</u>
Well I.D.: <u>5.5</u>	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): <u>24.61</u>	Depth to Water (DTW): <u>8.87</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC Grade	D.O. Meter (if req'd): <input checked="" type="radio"/> YSI <input type="radio"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>12.02</u>	

Purge Method: <input type="checkbox"/> Bailer	Water: <input type="checkbox"/> Peristaltic	Sampling Method: <input checked="" type="radio"/> Bailer
<input type="checkbox"/> Disposable Bailer	<input type="checkbox"/> Extraction Pump	<input type="checkbox"/> Disposable Bailer
<input type="checkbox"/> Middleburg	<input type="checkbox"/> Other _____	<input type="checkbox"/> Extraction Port
<input checked="" type="checkbox"/> Electric Submersible		<input type="checkbox"/> Dedicated Tubing
Other: _____		

<u>5.8</u> (Gals.) X <u>3</u> = <u>17.4</u> Gals.		
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <input checked="" type="radio"/> μS)	Turbidity (NTUs)	Gals. Removed	Observations
1045	63.2	7.6	1391	20	6	
1047	63.0	7.5	1352	11	12	
1049	63.1	7.5	1333	15	17.5	

Did well dewater? Yes  No  Gallons actually evacuated: 17.5

Sampling Date: 05-30-03 Sampling Time: 1055 Depth to Water: 11.16

Sample I.D.: 5.5 Laboratory:  STL Other \_\_\_\_\_

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	<input checked="" type="radio"/> Post-purge:	1.7	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>030530-MTI</u>	Site: <u>98995843</u>
Sampler: <u>M.TOI</u>	Date: <u>05-30-03</u>
Well I.D.: <u>5-6</u>	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): <u>26.20</u>	Depth to Water (DTW): <u>7.30</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC Grade	D.O. Meter (if req'd): <input checked="" type="radio"/> YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.13</u>	

Purge Method: Bailer  Disposable Bailer  Middleburg   Electric Submersible

Water: Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer Disposable Bailer  Extraction Port  Dedicated Tubing

Other: \_\_\_\_\_

<u>7</u> (Gals.) X	<u>3</u> Specified Volumes	= <u>21</u> Gals. Calculated Volume																	
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier																
1"	0.04	4"	0.65																
2"	0.16	6"	1.47																
3"	0.37	Other	radius <sup>2</sup> * 0.163																

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0924</u>	<u>65.2</u>	<u>7.4</u>	<u>7000</u>	<u>&gt;1000</u>	<u>7</u>	
<u>0926</u>	<u>65.0</u>	<u>7.4</u>	<u>6921</u>	<u>&gt;1000</u>	<u>14</u>	
<u>0928</u>	<u>64.8</u>	<u>7.6</u>	<u>6890</u>	<u>720</u>	<u>21</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 21

Sampling Date: 05-30-03 Sampling Time: 0935 Depth to Water: 10.20

Sample I.D.: S-6 Laboratory:  STL Other \_\_\_\_\_

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	<input checked="" type="checkbox"/> Post-purge:	1.0 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

**Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558**



