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San Jose, California 95119 USA

408.224.4724 800.477.7411
Fax 408.225.8506

Letter of Transmittal

To:	Alameda County Health Care Services Agenecy	Date: 7/18/2005
	Environmental Health Service - Environmental Protection	
	1131 Harbor Bay Parkway, Suite 250	Job No: SJ52-51H-1.2005
	Alameda, California 94502-6577	
Attn:	Jerry Wickham	

We are sending the following items:

Date	Copies	Description
18-Jul-05	1	**Quarterly Monitoring Report - Second Quarter 2005**
		Shell-branded Service Station
		5251 Hopyard Road
		Pleasanton, California

These are transmitted:

☐ For your Information ☐ For action specified below ☐ For review and comment ☒ For your use ☐ As requested

Remarks

Copies to:

By: R. Lee Dooley

Title: Senior Hydrogeologist

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July 18, 2005
Project No. SJ52-51H-1.2005

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

Re: **Quarterly Monitoring Report – Second Quarter 2005**
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, California

Dear Mr. Wickham:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared the following second quarter 2005 groundwater monitoring and sampling report for the above referenced site. Groundwater sampling was performed by Blaine Tech Services (Blaine) at the direction of Delta. A site location map is included as Figure 1.

BACKGROUND

Groundwater monitoring has been ongoing since 1988. The groundwater monitoring program consisted of annual monitoring of site wells during the second quarter for total purgeable petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethyl benzene, and total xylenes (BTEX compounds); and the five fuel oxygenates: methyl tert-butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tert-buryl ether (ETBE), tert-amyl methyl ether (TAME), and tert-butyl alcohol (TBA) using EPA Method 8260B.

Due to the detection of free product in a fuel piping trench during underground storage tank (UST) system upgrades in September 2004, a first quarter 2005 groundwater sampling event was scheduled to determine if the unauthorized realize of petroleum hydrocarbons had impacted groundwater beneath the site.

QUARTERLY GROUND WATER MONITORING PROGRAM

Groundwater monitoring wells were gauged and sampled by Blaine on May 5, 2005. Depth to groundwater was measured in Wells S-1 through S-8. Groundwater elevation data and contours are presented on Figure 2.

Groundwater samples were collected from Wells S-1 through S-8. Samples were submitted by Blaine to Severn Trent Laboratories, Inc. (STL) in Pleasanton, California for analysis for TPH-G, BTEX compounds, MTBE, di-isopropyl ether (DIPE), ethyl tert buty ether (ETBE), tert-amyl methyl ether (TAME), tert-butanol, and (TBA) using EPA Method 8260B. TPH-G, benzene and MTBE concentrations are presented on Figure 3.

Blaine's groundwater monitoring and sampling report, which includes historical and current groundwater elevation data, historical and current analytical results, and field data records for the current monitoring event, is included as Attachment A.

DISCUSSION

Depth to groundwater in Well S-1 increased by 4.22 feet since last quarter. The reason for the increased depth to groundwater in this well is unknown. Depth to groundwater in Wells S-2 through S-6 increased by an average of 0.25 feet since last quarter, while the depth to water in Wells S-7 and S-8 decreased by 0.10 feet and 1.91 feet, respectively, since last quarter. The data from Well S-1 was considered anomalous and not used in preparing the groundwater elevation contour map (Figure 2). The groundwater gradient on May 5, 2005 was towards the north consistent with previous quarterly data with a hydraulic gradient of 0.002.

TPH-G, benzene, and MTBE concentrations in groundwater are shown on Figure 3. TPH-G and BTEX compounds continue to be detected in Wells S-1 and MW-5; benzene was detected at 33 ug/l and 16 ug/l, respectively. MTBE continues to be detected in Wells S-1 through S-5, and S-7 at concentrations ranging from5.7 ug/l to 280 ug/l. The highest concentration of MTBE was detected in Well S-2 located in the downgradient portion of the site.

Delta submitted a work plan to ACEHS dated April 19, 2005. The work plan proposed drilling of five shallow soil borings and three deep cone penetrometer test (CPT) borings (Figure 3). The work plan was approved in a letter to Shell from ACEHS dated June 13, 2005.

REMARKS

The information and recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

Please call if you have any questions regarding the contents of this letter.

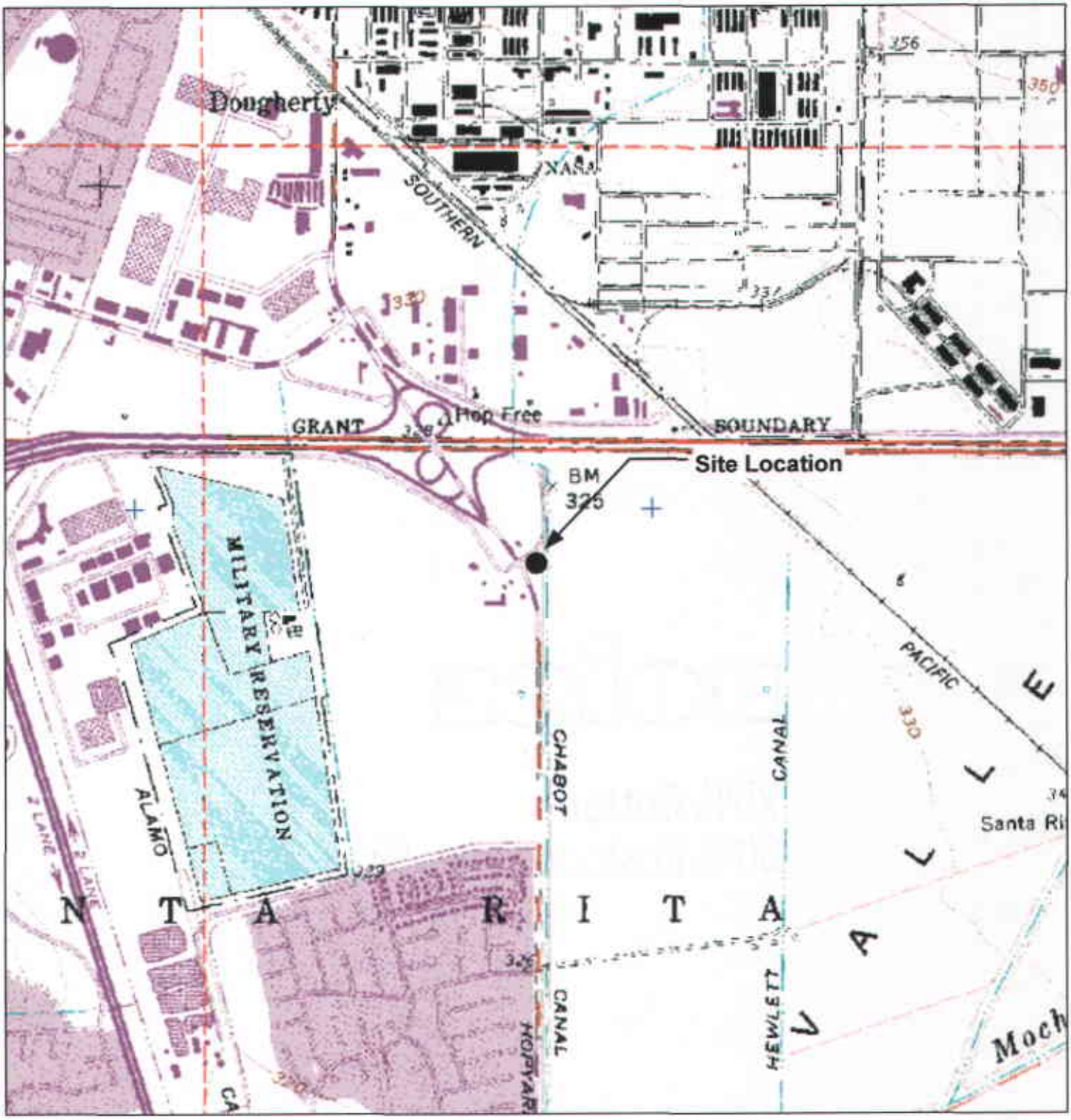
Sincerely,
Delta Environmental Consultants, Inc.

R. Lee Dooley
Senior Hydrogeologist
CHG 0183

Attachments: Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour Map, May 5, 2005
Figure 3 – TPH-G, Benzene, and MTBE Concentration Map, May 5, 2005

Attachment A – Groundwater Monitoring and Sampling Report, May 20, 2005

cc: Carol Campagna, Shell Oil Products US, Carson
Matt Katen, Zone 7 Water District



GENERAL NOTES:
Base Map from: DeLorme Yarmouth, ME 04096
Source Data: USGS

North

QUADRANGLE LOCATION

0 1,300 2,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
5251 Hopyard Road
Pleasanton, California

PROJECT NO. SJ52-51H-1.2005	DRAWN BY V. F. 3/31/05
FILE NO. SJ52-51H-1.2005	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.

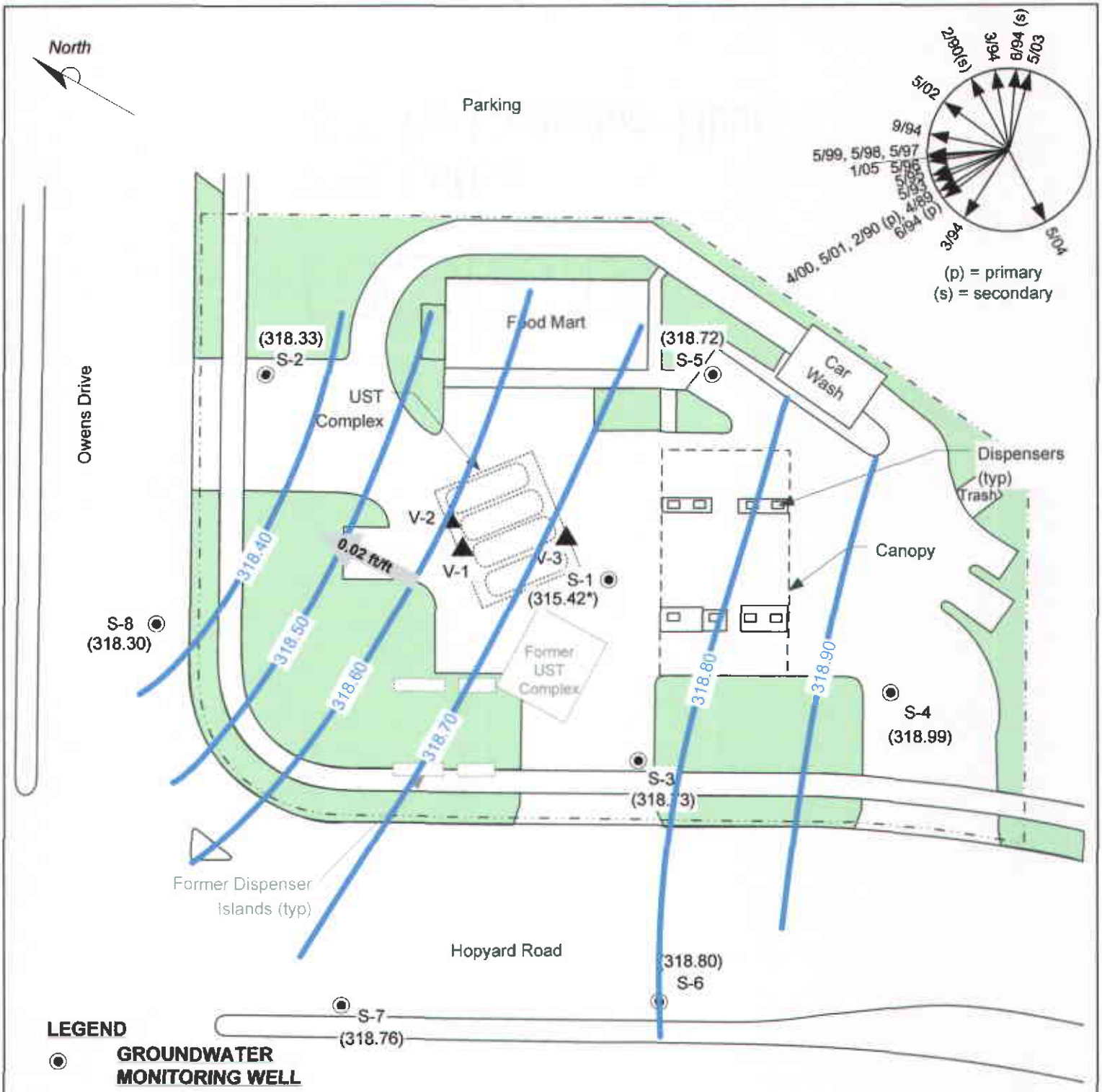
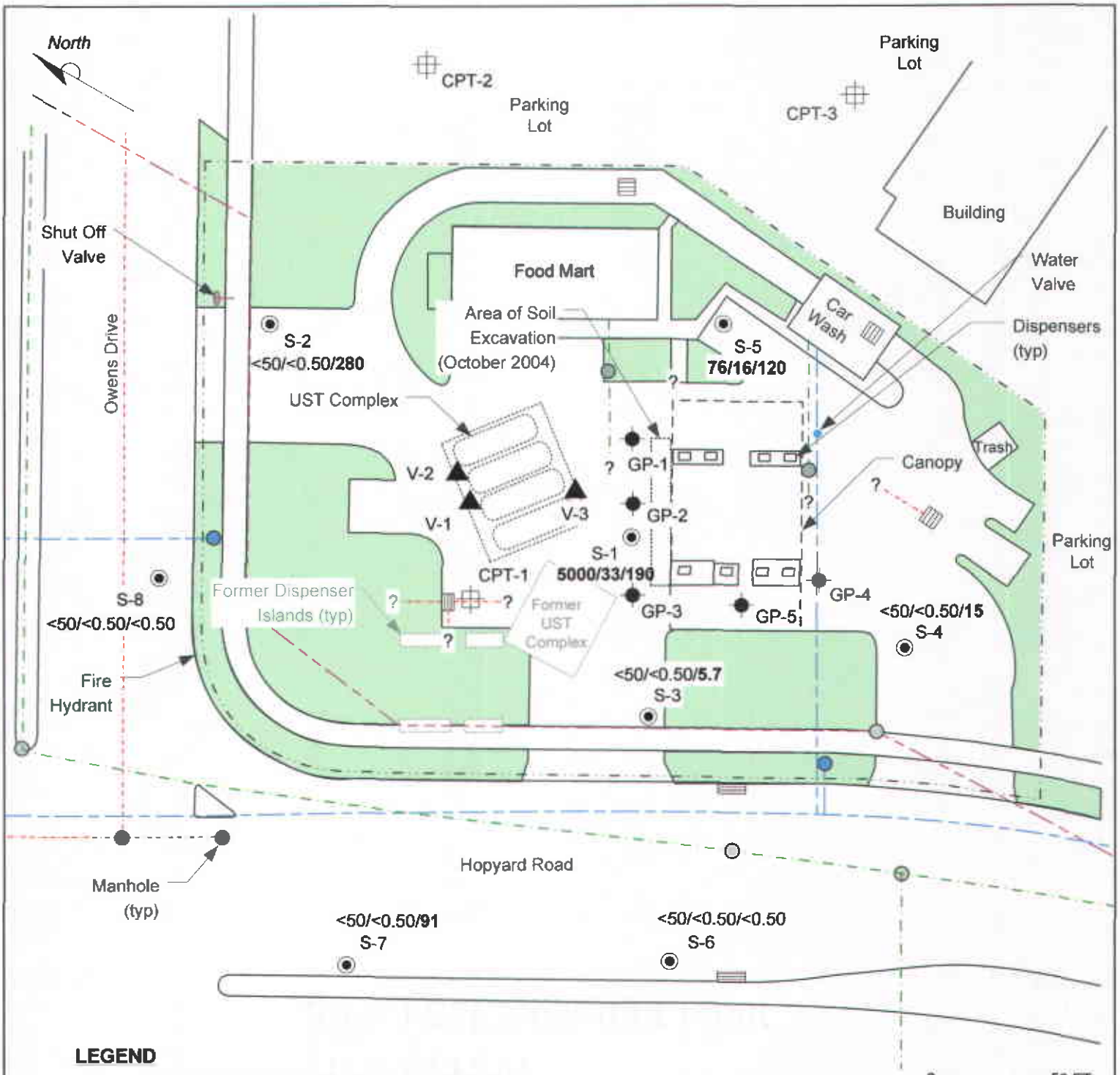


FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP,
MAY 5, 2005
SHELL-BRANDED SERVICE STATION
5251 Hopyard Road
Pleasanton, California

PROJECT NO. SJ52-51H-1.2005	DRAWN BY V. F. 3/30/05
FILE NO. SJ52-51H-1.2005	PREPARED BY V.F.
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc



LEGEND

- S-1 — **GROUNDWATER MONITORING WELL**
- V-3 — **SOIL VAPOR EXTRACTION WELL**
- <50/<0.50/<0.50 — **TPH-G/BENZENE/MTBE CONCENTRATIONS (UG/L), 5/5/05**
- GP-2 — **PROPOSED SOIL BORING**
- CPT-1 — **PROPOSED CPT BORING AND SAMPLING LOCATION**
- **ZONE 7 PIPE**
- **WATER MAIN**
- **SEWER MAIN**
- **STORM DRAIN**

FIGURE 3
TPH-G, BENZENE, AND MTBE CONCENTRATION MAP, MAY 5, 2005
SHELL-BRANDED SERVICE STATION
5251 Hopyard Road
Pleasanton, California

PROJECT NO. SJ52-51H-1.2005	DRAWN BY V. F. 3/30/05
FILE NO. SJ52-51H-1.2005	PREPARED BY V.F.
REVISION NO. 3	REVIEWED BY

Delta Environmental Consultants, Inc

Attachment A

GROUNDWATER MONITORING AND SAMPLING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

May 20, 2005

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

Second Quarter 2005 Groundwater Monitoring at
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA

Monitoring performed on May 5, 2005

Groundwater Monitoring Report **050505-PC-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the 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: Ross Tinline
Toxichem Management Systems
11 Kenton Ave.
San Carlos, CA 94070

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (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	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	04/06/1991	6,700	2,600a	2,600	14	580	250	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	07/24/1991	8,800	3,800a	2,300	30	640	220	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	10/18/1991	12,000	3,300a	3,600	380	990	580	NA	NA	NA	NA	NA	NA	326.73	8.85	317.88	NA
S-1	01/23/1992	1,600	890	450	3	120	17	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	04/27/1992	1,100g	500a	610	<10	110	10	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	07/21/1992	5,100	290c	1,900	54	460	140	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	10/16/1992	13,000	390c	3,200	310	780	360	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	01/23/1993	2,300	30d	640	<5	110	13	NA	NA	NA	NA	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	NA	NA	NA	NA	326.73	9.07	317.66	NA
S-1	09/22/1993	3,000	610a	660	28	160	17	NA	NA	NA	NA	NA	NA	326.73	8.68	318.05	NA
S-1	12/08/1993	520	280	210	<2.5	49	<2.5	NA	NA	NA	NA	NA	NA	326.73	8.23	318.50	NA
S-1	03/04/1994	640	NA	190	1.4	18	1.3	NA	NA	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	NA	326.73	8.62	318.11	NA
S-1	05/05/1995	800	NA	120	3.6	26	2.7	NA	NA	NA	NA	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	NA	NA	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	NA	NA	NA	NA	326.73	8.88	317.85	NA
S-1	05/12/1997	4,700	NA	200	15	210	20	2,300	NA	NA	NA	NA	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	NA	NA	NA	NA	326.73	11.19	315.54	2.4
S-1	05/08/1998	500	NA	18	2.1	2.3	2	1,000	NA	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (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	NA	NA	NA	NA	326.73	8.18	318.55	2.6
S-1	06/17/2002	2,700	NA	25	11	51	14	NA	140	NA	NA	NA	NA	326.73	8.39	318.34	3.2
S-1	05/30/2003	3,900	NA	12	8.2	47	12	NA	270	NA	NA	NA	NA	326.74	7.41	319.33	1.2
S-1	05/03/2004	3,700	NA	32	21	170	34	NA	410	NA	NA	NA	NA	326.74	11.18	315.56	2.4
S-1	01/14/2005	4,200	NA	22	34	380	33	NA	100	NA	NA	NA	NA	326.74	7.10	319.64	0.58
S-1	**05/05/2005**	**5,000**	**NA**	**33**	**110**	**970**	**210**	**NA**	**190**	**<0.50**	**<0.50**	**0.95**	**630**	**326.74**	**11.32**	**315.42**	**NA**
S-2	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	07/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	01/23/1993	<50	140b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	326.59	9.06	317.53	NA
S-2	09/22/1993	NA	NA	NA	NA	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	NA	NA	NA	NA	326.59	9.07	317.52	NA
S-2	03/04/1994	NA	NA	NA	NA	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	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	326.59	8.63	317.96	3.1

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-2	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	326.59	8.56	318.03	1.8
S-2	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	326.59	8.87	317.72	i
S-2	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	326.47	7.89	318.58	1.7
S-2	05/03/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	510	NA	NA	NA	NA	326.47	5.44	321.03	0.1
S-2	01/14/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	270	NA	NA	NA	NA	326.47	7.88	318.59	NA
S-2	**05/05/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**280**	**<0.50**	**<0.50**	**0.55**	**8.9 j**	**326.47**	**8.14**	**318.33**	**NA**
S-3	01/25/1991	870	330	230	<2.5	130	<2.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	04/16/1991	190	140a	12	0.8	6.2	1.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	07/24/1991	1,700	1,200a	450	4.4	150	2.9	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	10/18/1991	1,900	500	370	3.1	120	220	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	01/23/1992	2,000	650a	580	3	200	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	04/27/1992	1,100	230a	150	<3	76	14	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	07/17/1992	810	58	200	<2.5	57	3.8	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	10/16/1992	440	190c	79	1.8	18	4.6	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	01/23/1993	670	170d	79	1.5	46	15	NA	NA	NA	NA	NA	NA	327.38	8.81	318.57	NA
S-3	04/28/1993	2,000	<50	300	3.4	210	38	NA	NA	NA	NA	NA	NA	327.38	9.87	317.51	NA
S-3	09/22/1993	4,800	670a	2,000	34	150	51	NA	NA	NA	NA	NA	NA	327.38	9.65	317.73	NA
S-3	12/08/1993	1,200	11	440	<5.0	120	29	NA	NA	NA	NA	NA	NA	327.38	9.26	318.12	NA
S-3	03/04/1994	630	NA	130	<0.5	17	0.8	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	06/16/1994	1,800	NA	430	19	35	21	NA	NA	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	NA	327.38	9.41	317.97	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	05/12/1997	420	NA	<1.0	<1.0	<1.0	<1.0	57	NA	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	327.38	9.04	318.34	1.8
S-3	05/30/2001	2,200	NA	510	6.9	100	21	NA	33	NA	NA	NA	NA	327.38	9.19	318.19	2.0
S-3	06/17/2002	600	NA	150	2.1	30	11	NA	36	NA	NA	NA	NA	327.38	9.35	318.03	0.1
S-3	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.0	NA	NA	NA	NA	327.04	8.39	318.65	1.2
S-3	05/03/2004	61 k	NA	0.90	<0.50	<0.50	<1.0	NA	9.8	NA	NA	NA	NA	327.04	8.73	318.31	1.2
S-3	01/14/2005	94	NA	4.6	<0.50	3.1	1.0	NA	13	NA	NA	NA	NA	327.04	8.00	319.04	NA
S-3	**05/05/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**5.7**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**327.04**	**8.31**	**318.73**	**NA**
S-4	01/25/1991	<50	<50	<0.5	1.5	<0.5	2.8	NA	NA	NA	NA	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	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	07/17/1992	<500	74	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	10/16/1992	<500	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	01/23/1993	<500	94b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	327.38	9.76	317.62	NA
S-4	09/22/1993	NA	NA	NA	NA	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	NA	NA	NA	NA	327.38	9.74	317.64	NA
S-4	03/04/1994	NA	NA	NA	NA	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	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	NA	NA	NA	NA	327.38	9.02	318.36	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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-4	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	327.24	8.46	318.78	1.4
S-4	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	170	NA	NA	NA	NA	327.24	8.70	318.54	1.1
S-4	01/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	NA	327.24	8.17	319.07	NA
S-4	**05/05/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**15**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**327.24**	**8.25**	**318.99**	**NA**
S-5	01/25/1991	<50	<50	<0.5	<0.5	<0.5	0.7	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.8	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	10/18/1991	120e	<50	4.3	<0.5	1	0.7	NA	NA	NA	NA	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	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	04/27/1992	50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	07/17/1992	<50	70	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	10/16/1992	230	57	13	<0.5	4.9	4.3	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	01/23/1993	<50	150b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	NA	327.76	10.02	317.74	NA

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S-5	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	327.43	8.87	318.56	1.7
S-5	05/03/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	327.43	9.10	318.33	0.7
S-5	01/14/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	230	NA	NA	NA	NA	327.43	8.43	319.00	NA
S-5	**05/05/2005**	**76**	**NA**	**16**	**<0.50**	**<0.50**	**<0.50**	**NA**	**120**	**<0.50**	**<0.50**	**<0.50**	**630**	**327.43**	**8.71**	**318.72**	**NA**
S-6	01/25/1991	<50	<50	<0.5	1.7	<0.5	2.8	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	07/24/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	10/18/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	07/17/1992	400	130	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	01/23/1993	<50	230b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	NA	326.56	10.02	316.54	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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-6	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	326.56	8.48	318.08	1.3
S-6	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	8.7	NA	NA	NA	NA	326.35	7.36	318.99	1.0
S-6	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	326.35	8.08	318.27	0.9
S-6	01/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	326.35	7.38	318.97	NA
S-6	**05/05/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**326.35**	**7.55**	**318.80**	**NA**
S-7	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	10/18/1991	<50	140f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	07/17/1992	<50	<50	<0.5	1.8	0.6	4.1	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	01/23/1993	<50	110b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	326.49	8.94	317.55	NA
S-7	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.57	317.92	NA

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S-7	12/08/1993	NA	NA	NA	NA	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	NA	NA	NA	NA	326.49	8.96	317.53	NA
S-7	06/16/1994	NA	NA	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	326.36	7.88	318.48	1.8
S-7	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	NA	NA	NA	NA	326.36	8.30	318.06	1.2
S-7	01/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	NA	326.36	7.70	318.66	NA
S-7	**05/05/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**91**	**<0.50**	**<0.50**	**6.8**	**<5.0**	**326.36**	**7.60**	**318.76**	**NA**
S-8	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	10/18/1991	<50	360f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	07/17/1992	53	<50	<0.5	1	<0.5	1.8	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	01/23/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	NA	NA	325.32	7.77	317.55	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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-8	09/22/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	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	NA	NA	NA	NA	325.03	7.39	317.64	3.0
S-8	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	325.03	7.00	318.03	1.0
S-8	01/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	325.03	8.65	316.39	NA
S-8	**05/05/2005**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**325.03**	**6.73**	**318.30**	**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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

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

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

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

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

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

TOC = Top of Casing Elevation

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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

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.

j = The results may be biased slightly high.

k = The hydrocarbon reported in the gasoline range does not match the laboratory standard.

Site surveyed April 16, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Beginning May 30, 2003, depth to water referenced to Top of Casing elevation.

SEVERN TRENT STL

Submission#: 2005-05-0242

Blaine Tech Services, Inc.

May 19, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 050505-PC1
Project: 98995843
Site: 5251 Hopyard Rd., Pleasanton

Dear Mr.Gearhart,

Attached is our report for your samples received on 05/06/2005 14:38
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 06/20/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,

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

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Melissa Brewer
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566-4756

Subject : 8 Water Samples
Project Name : 5251 Hopyard Rd., Pleasanton
Project Number : 050505-PC1
P.O. Number : 5005-05-0242

Dear Ms. Brewer,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Subject : 8 Water Samples
Project Name : 5251 Hopyard Rd., Pleasanton
Project Number : 050505-PC1
P.O. Number : 5005-05-0242

Case Narrative

Tert-Butanol results for sample S-2 may be biased slightly high and are flagged with a 'J'. A fraction of MtBE (typically less than 1%) converts to Tert-Butanol during the analysis of water samples. We consider this conversion effect to be mathematically significant in samples that contain MtBE/Tert-Butanol in ratios of over 20:1.

Approved By: Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-1** Matrix : Water Lab Number : 43783-01
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**33**	0.50	ug/L	EPA 8260B	5/17/2005
Toluene	**110**	0.50	ug/L	EPA 8260B	5/17/2005
Ethylbenzene	**970**	1.5	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**210**	0.50	ug/L	EPA 8260B	5/17/2005
Methyl-t-butyl ether (MTBE)	**190**	0.50	ug/L	EPA 8260B	5/17/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/17/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/17/2005
Tert-amyl methyl ether (TAME)	**0.95**	0.50	ug/L	EPA 8260B	5/17/2005
Tert-Butanol	**630**	5.0	ug/L	EPA 8260B	5/17/2005
TPH as Gasoline	**5000**	150	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	97.0		% Recovery	EPA 8260B	5/17/2005
4-Bromofluorobenzene (Surr)	114		% Recovery	EPA 8260B	5/17/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-2** Matrix : Water Lab Number : 43783-02
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	**280**	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	**0.55**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	**8.9 J**	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	97.3		% Recovery	EPA 8260B	5/18/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-3** Matrix : Water Lab Number : 43783-03
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	**5.7**	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	87.7		% Recovery	EPA 8260B	5/18/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-4** Matrix : Water Lab Number : 43783-04
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	**15**	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	5/18/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-5** Matrix : Water Lab Number : 43783-05
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**16**	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	**120**	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	**630**	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	**76**	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	5/18/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-6** Matrix : Water Lab Number : 43783-06
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	5/18/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-7** Matrix : Water Lab Number : 43783-07
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	**91**	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	**6.8**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	114		% Recovery	EPA 8260B	5/18/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 43783
Date : 5/19/2005

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **050505-PC1**

Sample : **S-8** Matrix : Water Lab Number : 43783-08
Sample Date :5/5/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	114		% Recovery	EPA 8260B	5/18/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43783

Date : 5/19/2005

QC Report : Method Blank Data

Project Name : **5251 Hopyard Rd., Pleasanton**

Project Number : **050505-PC1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	101		%	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	5/18/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/17/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/17/2005
Toluene - d8 (Surr)	98.4		%	EPA 8260B	5/17/2005
4-Bromofluorobenzene (Surr)	114		%	EPA 8260B	5/17/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	99.3		%	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	86.9		%	EPA 8260B	5/18/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/17/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/17/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/17/2005
Toluene - d8 (Surr)	99.8		%	EPA 8260B	5/17/2005
4-Bromofluorobenzene (Surr)	97.4		%	EPA 8260B	5/17/2005

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43783

Date : 5/19/2005

QC Report : Method Blank Data

Project Name : **5251 Hopyard Rd., Pleasanton**

Project Number : **050505-PC1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/18/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/18/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/18/2005
Toluene - d8 (Surr)	99.5		%	EPA 8260B	5/18/2005
4-Bromofluorobenzene (Surr)	96.6		%	EPA 8260B	5/18/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43783

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 5/19/2005

Project Name : **5251 Hopyard Rd.,**

Project Number : **050505-PC1**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	43790-03	<0.50	39.8	39.8	39.4	39.5	ug/L	EPA 8260B	5/18/05	98.9	99.2	0.272	70-130	25
Toluene	43790-03	<0.50	39.8	39.8	41.7	42.2	ug/L	EPA 8260B	5/18/05	105	106	1.08	70-130	25
Tert-Butanol	43790-03	160	199	199	376	373	ug/L	EPA 8260B	5/18/05	105	104	1.37	70-130	25
Methyl-t-Butyl Ether	43790-03	290	39.8	39.8	308	304	ug/L	EPA 8260B	5/18/05	45.4	36.1	22.6	70-130	25
Benzene	43783-01	33	40.0	40.0	70.9	69.2	ug/L	EPA 8260B	5/17/05	93.7	89.3	4.81	70-130	25
Toluene	43783-01	110	40.0	40.0	150	146	ug/L	EPA 8260B	5/17/05	96.3	86.8	10.3	70-130	25
Tert-Butanol	43783-01	630	200	200	817	818	ug/L	EPA 8260B	5/17/05	91.4	91.7	0.416	70-130	25
Methyl-t-Butyl Ether	43783-01	190	40.0	40.0	233	232	ug/L	EPA 8260B	5/17/05	99.0	96.3	2.75	70-130	25
Benzene	43800-06	<0.50	40.0	40.0	44.0	43.0	ug/L	EPA 8260B	5/18/05	110	107	2.35	70-130	25
Toluene	43800-06	1.1	40.0	40.0	43.6	42.6	ug/L	EPA 8260B	5/18/05	106	104	2.22	70-130	25
Tert-Butanol	43800-06	<5.0	200	200	214	214	ug/L	EPA 8260B	5/18/05	107	107	0.0786	70-130	25
Methyl-t-Butyl Ether	43800-06	<0.50	40.0	40.0	39.2	38.8	ug/L	EPA 8260B	5/18/05	97.9	97.1	0.847	70-130	25
Benzene	43786-02	<0.50	40.0	40.0	38.4	36.6	ug/L	EPA 8260B	5/17/05	96.0	91.6	4.68	70-130	25
Toluene	43786-02	<0.50	40.0	40.0	38.8	37.4	ug/L	EPA 8260B	5/17/05	96.9	93.5	3.62	70-130	25
Tert-Butanol	43786-02	36	200	200	222	224	ug/L	EPA 8260B	5/17/05	92.9	94.3	1.43	70-130	25
Methyl-t-Butyl Ether	43786-02	200	40.0	40.0	237	234	ug/L	EPA 8260B	5/17/05	77.6	70.0	10.3	70-130	25
Benzene	43800-17	110	40.0	40.0	139	138	ug/L	EPA 8260B	5/18/05	74.3	70.8	4.82	70-130	25
Toluene	43800-17	4.2	40.0	40.0	42.2	42.0	ug/L	EPA 8260B	5/18/05	95.1	94.7	0.428	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43783

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 5/19/2005

Project Name : **5251 Hopyard Rd.,**

Project Number : **050505-PC1**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	43800-17	<5.0	200	200	212	206	ug/L	EPA 8260B	5/18/05	106	103	2.51	70-130	25
Methyl-t-Butyl Ether	43800-17	18	40.0	40.0	57.3	58.1	ug/L	EPA 8260B	5/18/05	98.7	101	2.11	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43783

QC Report : Laboratory Control Sample (LCS)

Date : 5/19/2005

Project Name : **5251 Hopyard Rd.,**

Project Number : **050505-PC1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	5/18/05	100	70-130
Toluene	40.0	ug/L	EPA 8260B	5/18/05	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/18/05	106	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/18/05	99.2	70-130
Benzene	40.0	ug/L	EPA 8260B	5/17/05	92.5	70-130
Toluene	40.0	ug/L	EPA 8260B	5/17/05	90.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/17/05	94.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/17/05	93.0	70-130
Benzene	40.0	ug/L	EPA 8260B	5/18/05	107	70-130
Toluene	40.0	ug/L	EPA 8260B	5/18/05	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/18/05	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/18/05	99.7	70-130
Benzene	40.0	ug/L	EPA 8260B	5/17/05	96.2	70-130
Toluene	40.0	ug/L	EPA 8260B	5/17/05	98.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/17/05	94.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/17/05	94.2	70-130
Benzene	40.0	ug/L	EPA 8260B	5/18/05	102	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43783

QC Report : Laboratory Control Sample (LCS)

Date : 5/19/2005

Project Name : **5251 Hopyard Rd.,**

Project Number : **050505-PC1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	5/18/05	105	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/18/05	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/18/05	102	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Hold time 5-19-05

SEVERN TRENT STL

Chain of Custody 43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager:	Melissa Brewer
Phone:	Ext:
Fax:	(925) 484-1096
Email:	mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone:	(530) 297-4800	Ext:
Fax:	(530) 297-4803	
Contact:	Sample Receiving	
Phone:	(530) 297-4800	Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-1	1	5/5/2005 11:30:00AM	Water	
EDF Field ID: S-1				
Selectable Gas/BTEX Fuel Oxygenates by 8260B			8260B	5 Day -01
/*SUB TO KIFF*/				
Di-isopropyl Ether (DIPE)				
Ethyl tert-butyl ether (ETBE)				
tert-Amyl methyl ether (TAME)				
Gasoline [Shell]				
Benzene				
Toluene				
Ethylbenzene				
Total xylenes				
tert-Butyl alcohol (TBA)				
Methyl tert-butyl ether (MTBE)				

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature] Time: 800	Signature: [signature] Time: 1130	Signature: Time:
Printed Name: [signature] 5-16-05 Date:	Printed Name: Date: 5/16/05	Printed Name: Date:
Company: STLSF	Company: STLSF	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: RLP 3.
Signature: [signature] Time: 0800	Signature: Time:	Signature: [signature] Time: 1140
Printed Name: 5/16/05 Date:	Printed Name: Date:	Printed Name: ROBERT C PECKE Date: 051605
Company: STLSF	Company:	Company: KIFF ANALYTICAL

Page 1 of 8

2.1°C RLP 051605 1157 COOLANT PRESENT
IR-1

SEVERN TRENT **STL**

Chain of Custody

43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager: Melissa Brewer
Phone: Ext:
Fax: (925) 484-1096
Email: mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone: (530) 297-4800 Ext:
Fax: (530) 297-4803
Contact: Sample Receiving
Phone: (530) 297-4800 Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-2	2	5/5/2005 11:12:00AM	Water	
EDF Field ID: S-2				
Selectable Gas/BTEX Fuel Oxygenates by 8260B			8260B	5 Day -02
/*SUB TO KIFF*/				
tert-Amyl methyl ether (TAME)				
Gasoline [Shell]				
Benzene				
Toluene				
Ethylbenzene				
Total xylenes				
tert-Butyl alcohol (TBA)				
Methyl tert-butyl ether (MTBE)				
Di-isopropyl Ether (DIPE)				
Ethyl tert-butyl ether (ETBE)				

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature Time 800	Signature Time 1130	Signature Time
Printed Name Joan Mullen Date 5-16-05	Printed Name Date 5/16/05	Printed Name Date
Company STL SF	Company STL SF	Company

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: RCP 3.
Signature Time 0800	Signature Time	Signature Time 1105 1527
Printed Name Date 5/16/05	Printed Name Date	Printed Name Robert C Date 05/16/05
Company STL S.F	Company	Company KIFF ANALYTICAL

SEVERN TRENT **STL**

Chain of Custody 43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager: Melissa Brewer
Phone: Ext:
Fax: (925) 484-1096
Email: mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone: (530) 297-4800 Ext:
Fax: (530) 297-4803
Contact: Sample Receiving
Phone: (530) 297-4800 Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-3		3	5/5/2005 10:26:00AM	Water	
EDF Field ID: S-3					
	Selectable Gas/BTEX Fuel Oxygenates by 8260B /*SUB TO KIFF*/			8260B	5 Day
	Toluene				
	Ethylbenzene				
	Total xylenes				
	tert-Butyl alcohol (TBA)				
	Methyl tert-butyl ether (MTBE)				
	Di-isopropyl Ether (DIPE)				
	Ethyl tert-butyl ether (ETBE)				
	tert-Amyl methyl ether (TAME)				
	Gasoline [Shell]				
	Benzene				

+03

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature Time 800	Signature Time 1138	Signature Time
Printed Name Date 5-16-05	Printed Name Date 5/16/05	Printed Name Date
Company STLSF	Company STL S.F	Company

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: Rep 3.
Signature Time 8:00	Signature Time	Signature Time 1140
Printed Name Date 5/16/05	Printed Name Date	Printed Name Date 05/16/05
Company STL SF	Company	Company KIFF ANALYTICAL

SEVERN TRENT **STL**

Chain of Custody 43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager: Melissa Brewer
Phone: Ext:
Fax: (925) 484-1096
Email: mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone: (530) 297-4800 Ext:
Fax: (530) 297-4803
Contact: Sample Receiving
Phone: (530) 297-4800 Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-4	4	5/5/2005 8:50:00AM	Water	
EDF Field ID: S-4				
Selectable Gas/BTEX Fuel Oxygenates by 8260B /*SUB TO KIFF*/ Gasoline [Shell]			8260B	5 Day
Benzene				
Toluene				
Ethylbenzene				
Total xylenes				
tert-Butyl alcohol (TBA)				
Methyl tert-butyl ether (MTBE)				
Di-isopropyl Ether (DIPE)				
Ethyl tert-butyl ether (ETBE)				
tert-Amyl methyl ether (TAME)				

-04

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature Time 800	Signature Time 1130	Signature Time
Printed Name Date 5-16-05	Printed Name Date 5/16/05	Printed Name Date
Company STL SF	Company STL SF	Company

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature Time	Signature Time	Signature Time 1140
Printed Name Date 5/16/05	Printed Name Date	Printed Name Date 05/16/05
Company STL SF	Company	Company KIFF ANALYTICAL

SEVERN TRENT **STL**

Chain of Custody

43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager:	Melissa Brewer
Phone:	Ext:
Fax:	(925) 484-1096
Email:	mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone:	(530) 297-4800	Ext:
Fax:	(530) 297-4803	
Contact:	Sample Receiving	
Phone:	(530) 297-4800	Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-5	5	5/5/2005 10:48:00AM	Water	
EDF Field ID: S-5				
Selectable Gas/BTEX Fuel Oxygenates by 8260B /*SUB TO KIFF*/ Gasoline [Shell]			8260B	6 Day -05
Benzene				
Toluene				
Ethylbenzene				
Total xylenes				
tert-Butyl alcohol (TBA)				
Methyl tert-butyl ether (MTBE)				
Di-isopropyl Ether (DIPE)				
Ethyl tert-butyl ether (ETBE)				
tert-Amyl methyl ether (TAME)				

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Joan Mullen Time: 800	Signature: Time: 1130	Signature: Time:
Printed Name: Joan Mullen Date: 5-16-05	Printed Name: Date: 5/16/05	Printed Name: Date:
Company: STL SF	Company: STL S.F	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: Rec 3.
Signature: Time: 0800	Signature: Time:	Signature: Time: 1140
Printed Name: 5/16/05 Date:	Printed Name: Date:	Printed Name: ROBERT C PICKLE Date: 05/16/05
Company: STL S.F	Company:	Company: KIFF ANALYTICAL

SEVERN TRENT **STL**

Chain of Custody 43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager:	Melissa Brewer
Phone:	Ext:
Fax:	(925) 484-1096
Email:	mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone:	(530) 297-4800	Ext:
Fax:	(530) 297-4803	
Contact:	Sample Receiving	
Phone:	(530) 297-4800	Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-6	6	5/5/2005 9:10:00AM	Water	
EDF Field ID: S-6				
Selectable Gas/BTEX Fuel Oxygenates by 8260B /*SUB TO KIFF*/ tert-Amyl methyl ether (TAME)			8260B	5 Day
Gasoline [Shell]				
Benzene				
Toluene				
Ethylbenzene				
Total xylenes				
tert-Butyl alcohol (TBA)				
Methyl tert-butyl ether (MTBE)				
Di-isopropyl Ether (DIPE)				
Ethyl tert-butyl ether (ETBE)				

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Joan Mullen Time: 800	Signature: Time: 1130	Signature: Time:
Printed Name: Joan Mullen Date: 5/6/05	Printed Name: Date: 5/16/05	Printed Name: Date:
Company: STL SF	Company: STL SF	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: Time:	Signature: Time:	Signature: Time: 1140
Printed Name: Date: 5/16/05	Printed Name: Date:	Printed Name: Date: 05/16/05
Company: STL SF	Company:	Company:

SEVERN TRENT **STL**

Chain of Custody 43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager: Melissa Brewer
Phone: Ext:
Fax: (925) 484-1096
Email: mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone: (530) 297-4800 Ext:
Fax: (530) 297-4803
Contact: Sample Receiving
Phone: (530) 297-4800 Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-7	7	5/5/2005 9:42:00AM	Water	
EDF Field ID: S-7				
Selectable Gas/BTEX Fuel Oxygenates by 8260B			8260B	5 Day
/*SUB TO KIFF*/				
Total xylenes				
tert-Butyl alcohol (TBA)				
Methyl tert-butyl ether (MTBE)				
Di-isopropyl Ether (DIPE)				
Ethyl tert-butyl ether (ETBE)				
Gasoline [Shell]				
Benzene				
Toluene				
Ethylbenzene				
tert-Amyl methyl ether (TAME)				

07

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature Time: 800	Signature Time: 1130	Signature Time
Printed Name Date: 5/16/05	Printed Name Date: 5/16/05	Printed Name Date
Company: STL SF	Company: STL SF	Company

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature Time	Signature Time	Signature Time: 1140
Printed Name Date: 5/16/05	Printed Name Date	Printed Name Date: 05/16/05
Company: STLSF	Company	Company: KIFF ANALYTICAL

SEVERN TRENT **STL**

Chain of Custody 43783

Date Shipped: 5/16/2005

2005-05-0242 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager: Melissa Brewer
Phone: Ext:
Fax: (925) 484-1096
Email: mbrewer@stl-inc.com

To:

Kiff Analytical
2795 Second Street, Ste. 300
Davis, CA 95616

Phone: (530) 297-4800 Ext:
Fax: (530) 297-4803
Contact: Sample Receiving
Phone: (530) 297-4800 Ext:

CL Submission #: 2005-05-0242
CL PO #:

Project #: 050505-PC1
Project Name: 98995843
EDF Global ID: T0600101267

S-8	8	5/5/2005 10:00:00AM	Water	
EDF Field ID: S-8				
Selectable Gas/BTEX Fuel Oxygenates by 8260B /*SUB TO KIFF*/ Gasoline [Shell]			8260B	5 Day
Benzene				
Toluene				
Ethylbenzene				
Total xylenes				
tert-Butyl alcohol (TBA)				
Methyl tert-butyl ether (MTBE)				
Di-isopropyl Ether (DIPE)				
Ethyl tert-butyl ether (ETBE)				
tert-Amyl methyl ether (TAME)				

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature Joan Mullen Time 5/16/05	Signature Time 1130	Signature Time
Printed Name Joan Mullen Date 5/16/05	Printed Name Date 5/16/05	Printed Name Date
Company STL SF	Company STL SF	Company

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature Time 8:00	Signature Time	Signature Time 1140
Printed Name Date 5/16/05	Printed Name Date	Printed Name Date 5/16/05
Company STL SF	Company	Company KIFF ANALYTICAL

LAB: STL

SHELL Chain Of Custody Record 114878

Lab Identification (if necessary):

Address:

City, State, Zip

Shell Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CMT HOUSTON

Denis Brown

2005-05-0242

INCIDENT NUMBER (SAP ONLY): 98954583

SAP or CMT NUMBER (TS/CMT):

DATE: 5/5/05

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	GLOBAL ID: STS8	SITE ADDRESS (Street and City): 5251 Hopyard Rd., Pleasanton
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart		
TELEPHONE: 408-573-0555	FAX: 408-573-7771	EMAIL: lgearhart@blainetech.com
EDF DELIVERABLE TO (Responsible Party or Designee): Vera Fischer	PHONE NO: (408)224-4724	EMAIL: vfischer@delphiny.com
SAMPLER NAME(S) (Print): P. Cornish		

GLOBAL ID NO.: T0600101267

CONSULTANT PROJECT NO.: 050505-PC

STS #

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

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

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 8ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	S-1	5/5/05	1130	W	3	X	X			X				TEMPERATURE ON RECEIPT C° 7
	S-2		1117		3	X	X			X				
	S-3		1026		3	X	X			X				
	S-4		0950		3	X	X			X				
	S-5		1048		3	X	X			X				
	S-6		910		3	X	X			X				
	S-7		942		3	X	X			X				
	S-8		1000		3	X	X			X				

Relinquished by: (Signature) Patrick	Received by: (Signature)	Date 5/6/05	Time 1438
Relinquished by: (Signature)	Received by: (Signature)	Date 5/6/05	Time 16:24
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

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

10/16/98 Revision

QED Environmental (714) 895-5732

LAB: STL

Lab Identification (if necessary):

Address:

City, State, Zip:

SHELL Chain Of Custody Record

114878

Shell Project Manager to be invoiced:		INCIDENT NUMBER (S&E ONLY)	
☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON	Denis Brown 2005-05-0242	9 8 9 9 5 8 4 3 SAP or CRMT NUMBER (TS/CRMT)	DATE: 5/5/05 PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS (Street and City): 5251 Hopyard Rd., Pleasanton	GLOBAL ID NO.: T0600101267
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112	EDF DELIVERABLE TO (Responsible Party or Designee): Vera Fisher	PHONE NO.: (408)224-4724	E-MAIL: vfischer@deltaenv.com
		CONSULTANT PROJECT NO.: 050505-PC1	BTS #
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart	SAMPLER NAME(S) (Print): P. Cornish		LAB USE ONLY
TELEPHONE: 408-573-0555	FAX: 408-573-7771	EMAIL: lgearhart@blainetech.com	

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ____________

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

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
														TEMPERATURE ON RECEIPT C° 2
✓	S-1	5/5/05	1130	W	3	✓	✓			✓				
✓	S-2	↓	1117	↓	3	✓	✓			✓				
✓	S-3		1026		3	✓	✓			✓				
✓	S-4		1050		3	✓	✓			✓				
✓	S-5		1048		3	✓	✓			✓				
✓	S-6		910		3	✓	✓			✓				
✓	S-7		942		3	✓	✓			✓				
✓	S-8		1000		3	✓	✓			✓				

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	5/6/05	1438
Relinquished by: (Signature) [signature] 5/6/05 1624	Received by: (Signature) [signature]	Date: 5/6/05	Time: 16:24
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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

10/16/00 Revision

QAQ Graphics (714) 895-9792

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 5/5/05

Site Address 5251 Hopyard Rd., Pleasanton

Job Number 050505-PC1 Technician P. Carruth

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
S-1	1							
S-2	1							
S-3	1							
S-4	1							
S-5	X							
S-6	1	1						
S-7	1	X						
S-8	1	1						

NOTES: ⇒ Note: No ORG's found + removed from site.

WELL GAUGING DATA

Project # 050505-PC Date 5/5/05 Client Shell

Site 5251 Hopyard Rd., Pleasanton

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
S-1	3					1.32	28.65	TOC	
S-2	3					8.14	24.15		
S-3	3					8.31	24.13		
S-4	3					8.25	24.22		
S-5	3					8.71	24.18		
S-6	3					7.55	25.56		
S-7	3					7.60	24.95		
S-8	3					6.73	24.66		

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-PC	Site: 9899583
Sampler: PC	Date: 5/5/05
Well I.D.: S-1	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 28.65	Depth to Water (DTW): 11.32
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVB) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.79	

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

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

6.4 (Gals.) X	3	= 19.2 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1120	65.5	7.7	1895	>1000	6.5	odor, grey
1122	65.7	7.7	1628	590	13	↓ ↓
1122	65.7	7.7	1554	401	19.5	

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Date: 5/5/05 Sampling Time: 1130 Depth to Water: 16.30 site report

Sample I.D.: S-1 Laboratory: (STL) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-PC	Site: 9B99843
Sampler: PC	Date: 5/5/05
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 24.15	Depth to Water (DTW): 8.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.35	

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

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

5.9 (Gals.) X	3	= 17.7 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1058	64.7	7.5	2769	650	6	
1100	65.4	7.5	2902	601	12	
1102	65.3	7.6	2999	485	18	

Did well dewater? Yes (No) Gallons actually evacuated: ~~17.5~~ 18

Sampling Date: 5/5/05 Sampling Time: 1112 Depth to Water: 11.15

Sample I.D.: S-2 Laboratory: (STL) Other____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-PC1	Site: 98995843
Sampler: RC	Date: 5/5/05
Well I.D.: S3	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 24.13	Depth to Water (DTW): 8.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.47	

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

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

4.7 (Gals.) X 3 = 14.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1010	64.0	7.3	4355	280	5	
1012	64.5	7.3	3192	591	10	
1014	64.9	7.3	2945	562	15	

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Date: 5/5/05 Sampling Time: 1026 Depth to Water: 11.35

Sample I.D.: S-3 Laboratory: (STL) Other____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-PC1	Site: 9899843
Sampler: PC	Date: 5/5/05
Well I.D.: S-4	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 24.22	Depth to Water (DTW): 8.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.44	

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

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

5.9 (Gals.) X	3	=	17.7 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
830	63.8	7.3	2372	142	6	cloudy
832	64.4	7.3	1638	164	12	
	well de watered					
850	63.3	7.4	1207	77	-	

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

Sampling Date: 5/5/05 Sampling Time: 850 Depth to Water: 11.40

Sample I.D.: S-4 Laboratory: (STL) Other ____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-PC1	Site: 9899563
Sampler: PC	Date: 5/5/05
Well I.D.: S-5	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 24.18	Depth to Water (DTW): 8.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.80	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1038	62.6	7.2	1653	562	5.7	
1040	62.8	7.2	1335	490	11.4	
1042	63.1	7.2	1307	195	17.1	

Did well dewater? Yes (No) Gallons actually evacuated: 17.1

Sampling Date: 5/5/05 Sampling Time: 1048 Depth to Water: 11.70

Sample I.D.: S-5 Laboratory: (STL) Other ____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-PC	Site: 98995843
Sampler: PC	Date: 5/5/05
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 25.56	Depth to Water (DTW): 7.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.15	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
900	64.3	6.8	3342	111	7	
903	66.5	6.9	6132	231	14	
	well dewatered					
910	64.7	7.3	5737	290		

Did well dewater? (Yes) No Gallons actually evacuated: 15

Sampling Date: 5/5/05 Sampling Time: 910 Depth to Water: 19.10 Street well

Sample I.D.: S-6 Laboratory: (STL) Other_____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-164	Site: 9899 5th 43
Sampler: DC	Date: 5/5/05
Well I.D.: S-7	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): 24.95	Depth to Water (DTW): 7.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.07	

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

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

1 Case Volume		Specified Volumes		Calculated Volume
6.4	(Gals.) X	3	=	19.2 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
928	65.3	7.2	5536	49	6.5	
930	66.7	7.1	6367	134	13	
	68.3	7.2	6637	339	19.5	

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Date: 5/5/05 Sampling Time: 942 Depth to Water: 18.60 Street well

Sample I.D.: S-7 Laboratory: (STL) Other____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 050505-PC	Site: 9899583
Sampler: PC	Date: 5/5/05
Well I.D.: S-B	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 24.66	Depth to Water (DTW): 6.73
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.32	

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

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

6.6 (Gals.) X	3	=	19.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or ~~uS~~)	Turbidity (NTUs)	Gals. Removed	Observations
950	64.8	6.7	12.87	259	6.6	
952	65.5	6.7	13.92	220	13.2	
954	65.1	6.7	13.85	191	19.8	

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Date: 5/5/05 Sampling Time: 1000 Depth to Water: 19.21 Sheen

Sample I.D.: S-B Laboratory: (STL) Other_____

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

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

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

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