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7:47 am, Apr 13, 2007

Alameda County  
Environmental Health



**Shell Oil Products US**

April 15, 2007

Re: **First Quarter 2007 Groundwater Monitoring Report**  
**Shell Service Station**  
**5251 Hopyard Road**  
**Pleasanton, California**

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,  
Shell Oil Products US

A handwritten signature in black ink that reads "Denis L. Brown". The signature is fluid and cursive.

Denis L. Brown  
Sr. Environmental Engineer

April 15, 2007  
DELTA Project SJ52-51H-X  
SAP: 135785

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

**Re: FIRST QUARTER 2007 GROUNDWATER MONITORING  
REPORT  
Shell-Branded Service Station  
5251 Hopyard Road  
Pleasanton, California**

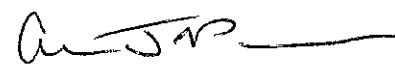
Dear Mr. Wickham:


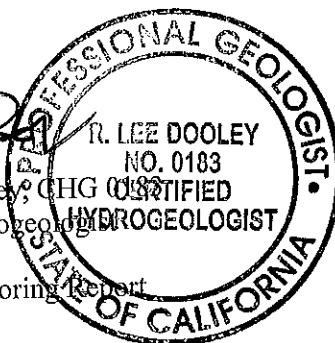
On behalf of Shell Oil Products (Shell), Delta Consultants, Inc. (Delta) has prepared this *First Quarter 2007 Groundwater Monitoring Report* for the above referenced site.

This quarterly report represents Delta's professional opinions based upon the currently available information and is 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.

If you have any questions regarding this site, please contact Mr. Lee Dooley (Delta) at (408) 826-1880 or Mr. Denis Brown (Shell) at (707) 865-0251.

Sincerely,  
Delta Consultants, Inc.

  
Andy Persio  
Staff Geologist

  
R. Lee Dooley, CHG 0183  
Senior Hydrogeologist  


Attachment: First Quarter 2007 Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson  
Carl Cox, C and J Cox Corporation, Pleasanton  
Colleen Winey, Zone 7 Water Agency, Livermore  
Danielle Stefani, Livermore-Pleasanton Fire Department, Pleasanton

## SHELL QUARTERLY STATUS REPORT

Station Address: 5251 Hopyard Road, Pleasanton, CA
DELTA Project No.: SJ52-51H-X
SHELL Project Manager / Phone No.: Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.: Lee Dooley / (408) 826-1880
Primary Agency / Regulatory ID No.: Alameda County Environmental Health / Mr. Jerry Wickham, P.G., CHG
Other Agencies to Receive Copies: Zone 7 Water Agency, Livermore-Pleasanton Fire Department


**WORK PERFORMED THIS QUARTER (FIRST - 2007):**

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.

**WORK PROPOSED FOR NEXT QUARTER (SECOND - 2007):**

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.

Current Phase of Project: Groundwater monitoring and interim remediation activities.
Frequency of Sampling: Quarterly
Frequency of Monitoring: Quarterly
Is Separate Phase Hydrocarbon Present <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
On-site (Well #'s):
Cumulative SPH Recovered to Date: NA
SPH Recovered This Quarter : None
Sensitive Receptor(s) and Respective Direction(s): Chabot canal is located approximately 1,133 feet north-east of the site. No municipal water supply wells were identified within a 1-mile radius of the site.
Current Remediation Techniques: Groundwater batch extraction
Permits for Discharge: None
Approximate Depth to Groundwater: 7 to 9 feet below top of well casing
Groundwater Gradient Northwest at a gradient less than 0.01 ft/ft, consistent with previous data
Current Agency Correspondence: ACHCSA letter dated March 21, 2007 (Fuel Leak Case No. RO0000194, requesting work plan for interim remediation)
Summary of Unusual Activity: None.

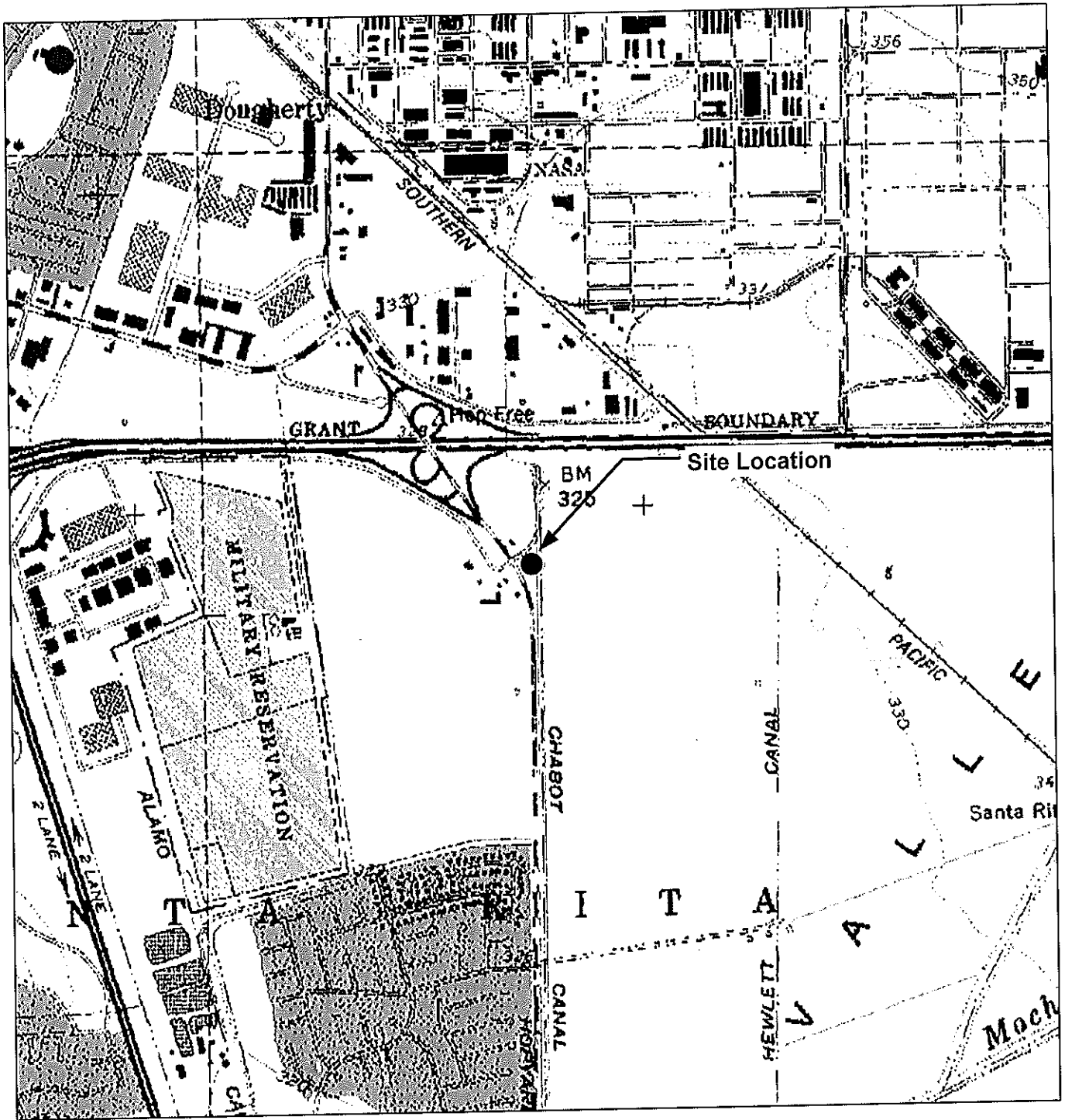
  
 \_\_\_\_\_  
 Lee Dooley  
 Site Manager (DELTA)

**ATTACHED:**

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, February 1, 2007
- Figure 3 – Benzene, MTBE, and TBA Concentration Map, February 1, 2007
- Attachment A – Groundwater Monitoring and Sampling Report, February 20, 2007

**TABLE**

## FIGURES



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



QUADRANGLE LOCATION

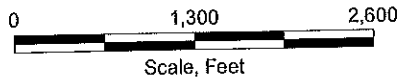
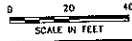


FIGURE 1  
 SITE LOCATION MAP

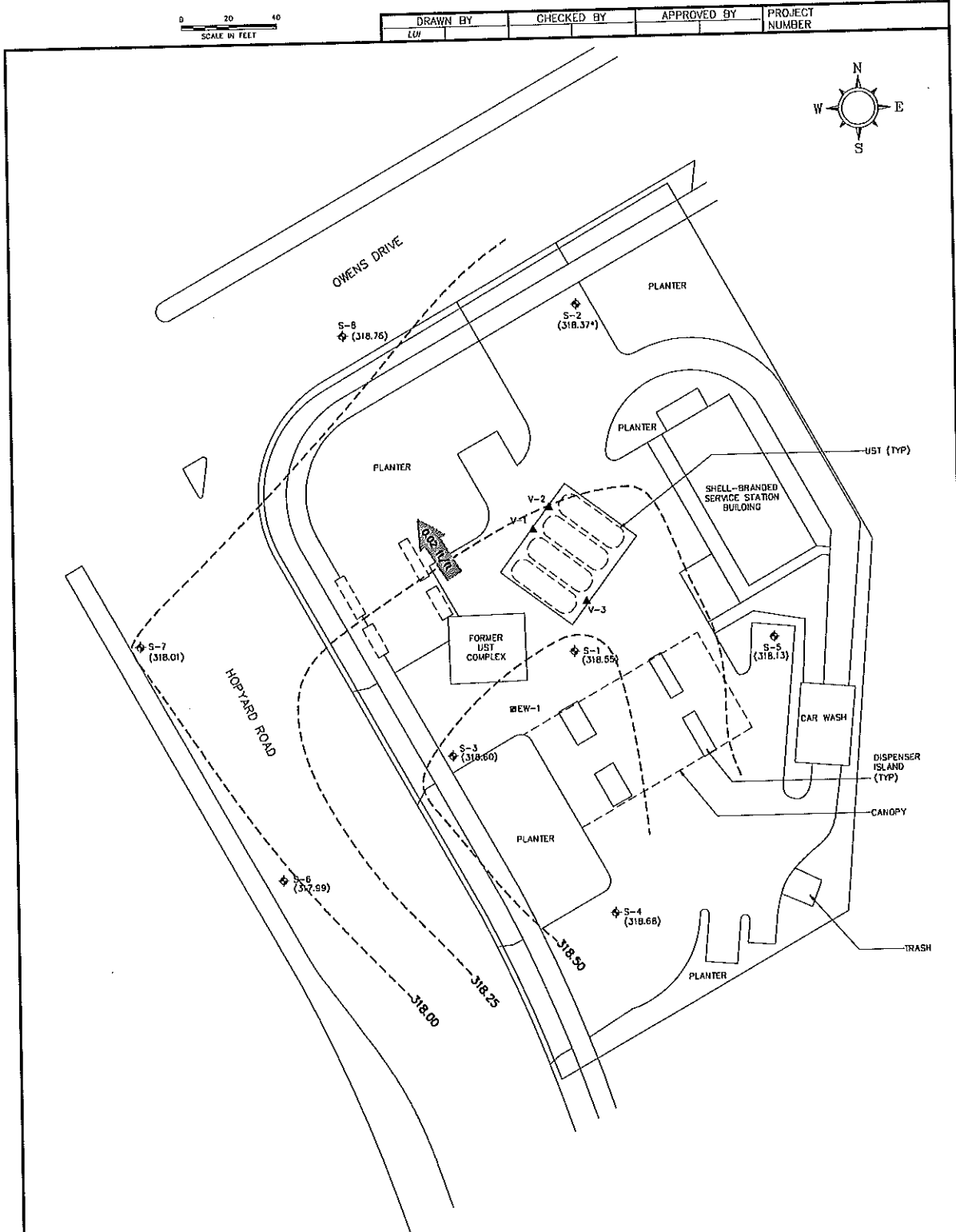
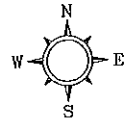
SHELL-BRANDED SERVICE STATION  
 5251 Hopyard Road  
 Pleasanton, California

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





DRAWN BY LW	CHECKED BY	APPROVED BY	PROJECT NUMBER
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- LEGEND**
- MW-1 ◆ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHELL)
  - (318.26) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (F1/MSL) (02/08/07)
  - 318.25 - - - - GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (F1/MSL) CONTOUR INTERVAL=1.0 FOOT
  - ← GROUNDWATER GRADIENT DIRECTION (1/11)

**DELTA CONSULTANTS**

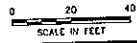
SHELL OIL PRODUCTS US  
SHELL-BRANDED SERVICE STATION  
PLEASANTON, CALIFORNIA

**FIGURE 2**

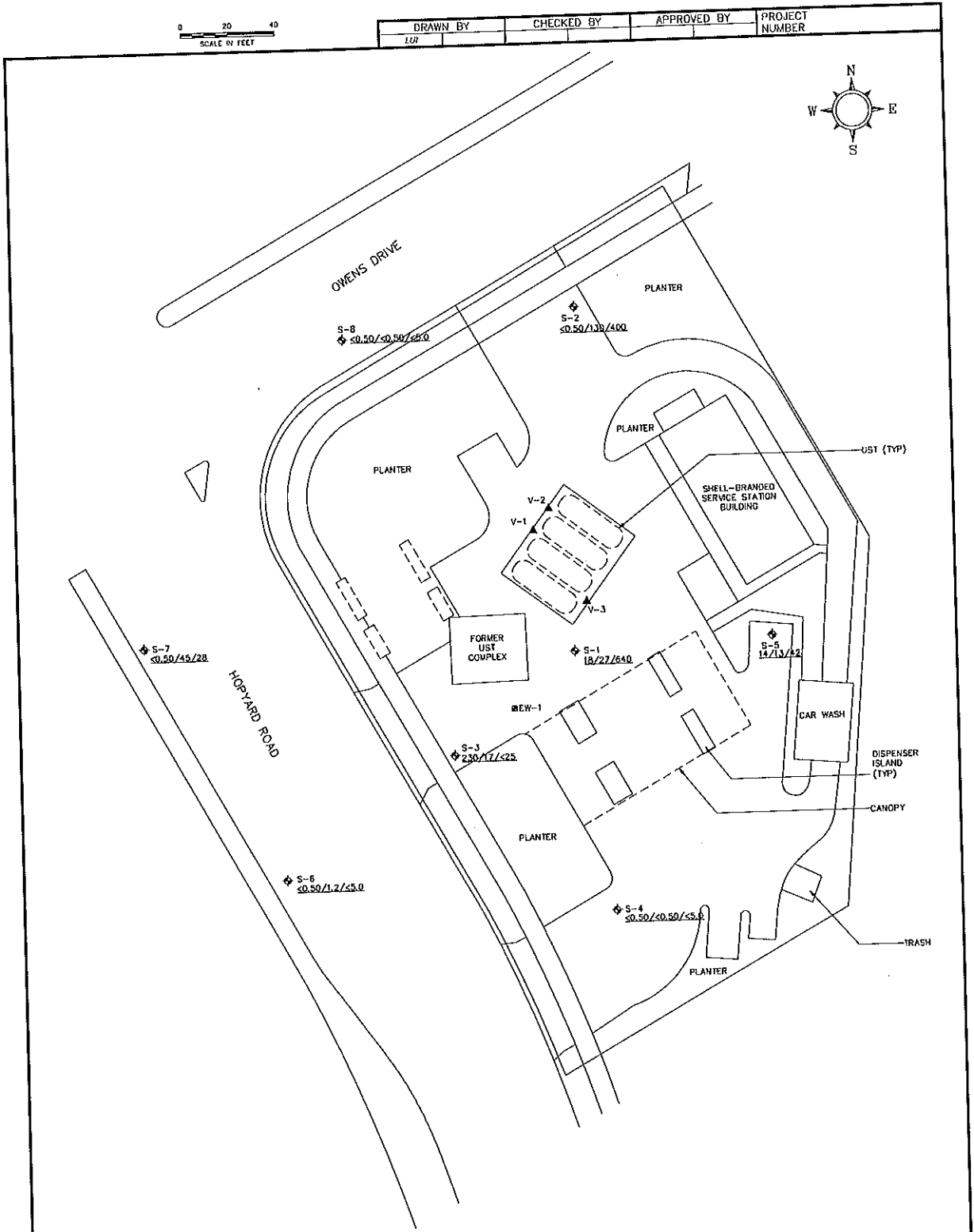
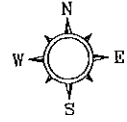
**GROUNDWATER ELEVATION CONTOUR MAP**  
02/01/07

5251 HOPYARD ROAD  
PLEASANTON, CALIFORNIA





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LUI			



**LEGEND**

MW-1 ◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (SHELL)
MW-1 ●	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION (BEACON)
MW-14 ■	HYDROBLUNCH LOCATION AND DESIGNATION
≤0.50/45/28	TPH-g/BENZENE/MTBE CONCENTRATIONS (ug/L) 02/08/07
NS	NOT SAMPLED

**DELTA CONSULTANTS**

SHELL OIL PRODUCTS US  
SHELL-BRANDED SERVICE STATION  
PLEASANTON, CALIFORNIA

**FIGURE 3**  
BENZENE, MTBE,  
AND TBA CONCENTRATION MAP  
02/01/07  
5251 HOPYARD ROAD  
PLEASANTON, CALIFORNIA

**ATTACHMENT A**

**GROUNDWATER MONITORING AND SAMPLING REPORT, FEBRUARY 20, 2007**

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**BLAINE**  
TECH SERVICES INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

February 20, 2007

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

First Quarter 2007 Groundwater Monitoring at  
Shell-branded Service Station  
5251 Hopyard Road  
Pleasanton, CA

Monitoring performed on February 1, 2007

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Groundwater Monitoring Report **070201-JC-2**

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. Purge water (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,

Mike Ninokata  
Project Manager

MN/ks

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

cc: Lee Dooley  
Delta Environmental  
175 Bernal Rd., Suite 200  
San Jose, CA 95119

**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	2,600 a	2,600	14	580	250	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	07/24/1991	8,800	3,800 a	2,300	30	640	220	NA	NA	NA	NA	NA	NA	326.73	8.85	317.88	NA
S-1	10/18/1991	12,000	3,300 a	3,600	380	990	580	NA	NA	NA	NA	NA	NA	326.73	NA	NA	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	1,100 g	500 a	610	<10	110	10	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	07/21/1992	5,100	290 c	1,900	54	460	140	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	10/16/1992	13,000	390 c	3,200	310	780	360	NA	NA	NA	NA	NA	NA	326.73	7.96	318.77	NA
S-1	01/23/1993	2,300	30 d	640	<5	110	13	NA	NA	NA	NA	NA	NA	326.73	9.07	317.66	NA
S-1	04/28/1993	4,600	390	780	<0.5	250	<0.5	NA	NA	NA	NA	NA	NA	326.73	8.68	318.05	NA
S-1	09/22/1993	3,000	610 a	660	28	160	17	NA	NA	NA	NA	NA	NA	326.73	8.23	318.50	NA
S-1	12/08/1993	520	280	210	<2.5	49	<2.5	NA	NA	NA	NA	NA	NA	326.73	8.81	317.92	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	8.80	317.93	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	8.62	318.11	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	11.54	315.19	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	8.88	317.85	NA
S-1	05/21/1996	1,500	NA	170	8.5	120	6.7	NA	NA	NA	NA	NA	NA	326.73	11.19	315.54	2.4
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	8.38	318.35	2.1
S-1	05/08/1998	500	NA	18	2.1	2.3	2	1,000	NA	NA	NA	NA	NA	326.73	8.79	317.94	2.4
S-1	06/27/1999	2,970	NA	117	32.0	69.1	17.5	374	NA	NA	NA	NA	NA	326.73	8.50	318.23	2.8
S-1	04/28/2000	1,920	NA	50.5	15.0	67.2	46.7	276	NA	NA	NA	NA	NA	326.73			

**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-1	08/05/2005	4,600	NA	32	52	420	69	NA	110	<40	<40	<40	410	326.74	9.04	317.70	NA
S-1	09/16/2005	3,300	NA	14	28	280	43	NA	60	51	<10	<10	260	326.74	11.37	315.37	NA
S-1	11/08/2005	4,700	NA	19.2	47	416	84.0	NA	50.2	<0.500	<0.500	<0.500	<10.0	326.74	9.06	317.68	NA
S-1	01/31/2006	6,380	NA	21.0	33.1	280	31.0	NA	59.9	<0.500	<0.500	<0.500	306	326.74	8.12	318.62	NA
S-1	05/16/2006	9,080	NA	25.8	46.6	517	86.6 m	NA	69.5	<0.500	<0.500	<0.500	268	326.74	7.95	318.79	NA
S-1	08/23/2006	4,980	NA	19.0	22.7	74.7	38.7	NA	42.9	<0.500	<0.500	<0.500	252	326.74	7.95	318.79	NA
S-1	11/13/2006	7,900	NA	38	41	480	52	NA	44	<5.0	<5.0	<5.0	480	326.74	7.99	318.75	NA
S-1	02/01/2007	1,500	NA	18	15	110	17	NA	27	<10	<10	<10	640	326.74	8.19	318.55	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	8.83	317.76	NA
S-2	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	01/23/1992	<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	8.10	318.49	NA
S-2	01/23/1993	<50	140 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	9.06	317.53	NA
S-2	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	8.91	317.68	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

**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	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
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	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<5.0	NA	510	NA	NA	NA	NA	326.47	5.44	321.03	0.1
S-2	05/03/2004	<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	01/14/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	280	<0.50	<0.50	0.55	8.9 j	326.47	8.14	318.33	NA
S-2	05/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	320	<2.0	<2.0	<2.0	510	326.47	8.24	318.23	NA
S-2	08/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	320	<10	<10	<10	1,800	326.47	8.06	318.41	NA
S-2	09/16/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	320	<10	<10	<10	1,800	326.47	8.20	318.27	NA
S-2	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	375	<0.500	<0.500	0.610	1,130	326.47	8.18	318.29	NA
S-2	01/31/2006	281	NA	<0.500	<0.500	<0.500	<0.500	NA	354	<0.500	<0.500	<0.500	3,090	326.47	8.34	318.13	NA
S-2	05/16/2006	785	NA	<0.500	<0.500	<0.500	<0.500	NA	282	<0.500	<0.500	<0.500	3,250	326.47	8.32	318.15	NA
S-2	08/23/2006	344	NA	<0.500	<0.500	<0.500	<0.500	NA	194	<0.500	<0.500	0.560	10,600	326.47	8.32	318.15	NA
S-2	11/13/2006	320	NA	<5.0 f	<5.0 f	<5.0 f	<5.0 f	NA	140 f	<5.0 f	<5.0 f	<5.0 f	6,000 f	326.50	8.37	318.13	NA
S-2	02/01/2007	160	NA	<0.50	<0.50	<0.50	<1.0	NA	130	<2.0	<2.0	<2.0	3,900	326.50	8.13	318.37	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

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**5251 Hopyard Road**  
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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-3	04/16/1991	190	140 a	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	1,200 a	450	4.4	150	2.9	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	10/18/1991	1,900	500	370	3.1	120	220	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	01/23/1992	2,000	650 a	580	3	200	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	04/27/1992	1,100	230 a	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	190 c	79	1.8	18	4.6	NA	NA	NA	NA	NA	NA	327.38	8.81	318.57	NA
S-3	01/23/1993	670	170 d	79	1.5	46	15	NA	NA	NA	NA	NA	NA	327.38	9.87	317.51	NA
S-3	04/28/1993	2,000	<50	300	3.4	210	38	NA	NA	NA	NA	NA	NA	327.38	9.65	317.73	NA
S-3	09/22/1993	4,800	670 a	2,000	34	150	51	NA	NA	NA	NA	NA	NA	327.38	9.26	318.12	NA
S-3	12/08/1993	1,200	11	440	<5.0	120	29	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	03/04/1994	630	NA	130	<0.5	17	0.8	NA	NA	NA	NA	NA	NA	327.38	9.78	317.60	NA
S-3	06/16/1994	1,800	NA	430	19	35	21	NA	NA	NA	NA	NA	NA	327.38	9.38	318.00	NA
S-3	05/05/1995	160	NA	50	0.9	7.2	4.1	NA	NA	NA	NA	NA	NA	327.38	9.41	317.97	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	9.30	318.08	2.5
S-3	05/12/1997	420	NA	<1.0	<1.0	<1.0	<1.0	57	NA	NA	NA	NA	NA	327.38	9.12	318.26	2.2
S-3	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	327.38	9.39	317.99	2.1
S-3	06/27/1999	106	NA	8.51	<0.500	<0.500	<0.500	31.0	NA	NA	NA	NA	NA	327.38	9.04	318.34	1.8
S-3	04/28/2000	139	NA	7.58	<0.500	<0.500	<0.500	42.6	NA	NA	NA	NA	NA	327.38	9.19	318.19	2.0
S-3	05/30/2001	2,200	NA	510	6.9	100	21	NA	36	NA	NA	NA	NA	327.38	9.35	318.03	0.1
S-3	06/17/2002	600	NA	150	2.1	30	11	NA	9.0	NA	NA	NA	NA	327.04	8.39	318.65	1.2
S-3	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.8	NA	NA	NA	NA	327.04	8.73	318.31	1.2
S-3	05/03/2004	61 k	NA	0.90	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	NA	327.04	8.00	319.04	NA
S-3	01/14/2005	94	NA	4.6	<0.50	3.1	1.0	NA	5.7	<0.50	<0.50	<0.50	<5.0	327.04	8.31	318.73	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



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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-3	08/05/2005	<50	NA	0.51	<0.50	<0.50	<1.0	NA	6.0	<2.0	<2.0	<2.0	42	327.04	8.32	318.72	NA
S-3	09/16/2005	<50	NA	0.62	<0.50	<0.50	<1.0	NA	7.9	<2.0	<2.0	<2.0	<5.0	327.04	8.29	318.75	NA
S-3	11/08/2005	166	NA	63.0	1.32	7.20	2.99	NA	8.67	<0.500	<0.500	<0.500	<10.0	327.04	8.17	318.87	NA
S-3	01/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	7.05	<0.500	<0.500	<0.500	<10.0	327.04	8.05	318.99	NA
S-3	05/16/2006	<50.0	NA	3.23	<0.500	1.42	1.63 m	NA	3.92	<0.500	<0.500	<0.500	<10.0	327.04	8.62	318.42	NA
S-3	05/16/2006	<50.0	NA	3.23	<0.500	1.42	1.63 m	NA	3.92	<0.500	<0.500	<0.500	<10.0	327.04	8.54	318.50	NA
S-3	08/23/2006	<50.0	NA	18.9	<0.500	1.72	0.800	NA	7.65	<0.500	<0.500	<0.500	<10.0	327.04	8.54	318.50	NA
S-3	08/23/2006	<50.0	NA	18.9	<0.500	1.72	0.800	NA	7.65	<0.500	<0.500	<0.500	<10.0	327.04	8.54	318.50	NA
S-3	11/13/2006	530	NA	130 f	3.4 f	10 f	4.6 f	NA	17 f	<2.0 f	<2.0 f	<2.0 f	<80 f	327.01	8.65	318.36	NA
S-3	11/13/2006	530	NA	130 f	3.4 f	10 f	4.6 f	NA	17 f	<2.0 f	<2.0 f	<2.0 f	<80 f	327.01	8.65	318.36	NA
S-3	02/01/2007	430	NA	230	4.4	4.0	<5.0	NA	17	<10	<10	<10	<25	327.01	8.41	318.60	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	8.82	318.56	NA
S-4	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	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	8.32	319.06	NA
S-4	01/23/1993	<500	94 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.76	317.62	NA
S-4	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.30	318.08	NA
S-4	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.74	317.64	NA
S-4	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.60	317.78	NA
S-4	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.42	317.96	NA
S-4	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.02	318.36	NA
S-4	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.29	318.09	NA
S-4	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	7.95	319.43	2.5
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

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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	01/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	15	<0.50	<0.50	<0.50	<5.0	327.24	8.25	318.99	NA
S-4	05/05/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	6.1	<2.0	<2.0	<2.0	<5.0	327.24	8.14	319.10	NA
S-4	08/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.01	<0.500	<0.500	<0.500	<10.0	327.24	8.33	318.91	NA
S-4	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	327.24	8.29	318.95	NA
S-4	01/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	327.24	8.46	318.78	NA
S-4	05/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	327.24	8.34	318.90	NA
S-4	08/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	327.24	8.23	319.01	NA
S-4	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	327.24	8.23	319.01	NA
S-4	02/01/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	327.24	8.56	318.68	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	10.00	317.76	NA
S-5	10/18/1991	120 e	<50	4.3	<0.5	1	0.7	NA	NA	NA	NA	NA	NA	327.76	NA	NA	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	8.88	318.88	NA
S-5	01/23/1993	<50	150 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	8.88	318.88	NA

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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
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	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	9.16	318.60	4.2
S-5	05/08/1998	360	NA	3.3	<0.50	17	9.8	130	NA	NA	NA	NA	NA	327.76	9.25	318.51	3.8
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	9.39	318.37	3.0
S-5	06/27/1999	223	NA	13.7	12.9	8.20	45.8	106	NA	NA	NA	NA	NA	327.76	9.43	318.33	1.2
S-5	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	NA	NA	NA	NA	327.76	9.47	318.29	1.1
S-5	05/30/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	480	NA	NA	NA	NA	327.76	9.74	318.02	0.2
S-5	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	327.43	8.87	318.56	1.7
S-5	05/30/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	450	NA	NA	NA	NA	327.43	9.10	318.33	0.7
S-5	05/03/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	327.43	8.43	319.00	NA
S-5	01/14/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	230	NA	NA	NA	NA	327.43	8.71	318.72	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	8.90	318.53	NA
S-5	08/05/2005	1,900	NA	57	7.5	22	17	NA	240	<4	<4	<4	480	327.43	8.84	318.59	NA
S-5	09/16/2005	1,400	NA	87	2.0	7.8	5.8	NA	75	<4.0	<4.0	<4.0	630	327.43	8.86	318.57	NA
S-5	11/08/2005	315	NA	35.8	<0.500	<0.500	1.07	NA	49.1	<0.500	<0.500	<0.500	<10.0	327.43	8.86	318.57	NA
S-5	01/31/2006	335	NA	7.74	<0.500	<0.500	<0.500	NA	48.2	<0.500	<0.500	<0.500	337	327.43	8.66	318.77	NA
S-5	05/16/2006	349	NA	3.54	<0.500	<0.500	<0.500	NA	24.7	<0.500	<0.500	<0.500	182	327.43	9.00	318.43	NA
S-5	08/23/2006	<50.0	NA	5.39	<0.500	<0.500	<0.500	NA	17.0	<0.500	<0.500	<0.500	91.0	327.43	8.97	318.46	NA
S-5	11/13/2006	420	NA	19	1.7	<0.50	1.7	NA	19	<0.50	<0.50	<0.50	80	327.43	8.77	318.66	NA
S-5	02/01/2007	280	NA	14	2.1	<0.50	1.4	NA	13	<2.0	<2.0	<2.0	42	327.43	9.30	318.13	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	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	8.84	317.22	NA
S-6	10/18/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	01/23/1992	<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	7.82	318.74	NA
S-6	01/23/1993	<50	230 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	9.00	317.56	NA
S-6	04/28/1993	<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	09/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	10.02	316.54	NA
S-6	12/08/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	8.88	317.68	NA
S-6	03/04/1994	<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	06/16/1994	<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	05/05/1995	<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	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	8.60	317.96	2.6
S-6	05/12/1997	<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	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	326.56	8.01	318.55	2.3
S-6	06/27/1999	430	NA	50.1	30.5	15.2	83.5	8.05	NA	NA	NA	NA	NA	326.56	8.84	317.72	2.0
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	8.54	318.02	1.9
S-6	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	326.56	8.48	318.08	1.3
S-6	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	326.35	7.36	318.99	1.0
S-6	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	8.7	NA	NA	NA	NA	326.35	8.08	318.27	0.9
S-6	05/03/2004	<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	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

**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-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-6	08/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	326.35	7.61	318.74	NA
S-6	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	326.35	7.64	318.71	NA
S-6	01/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	30.5	326.35	7.90	318.45	NA
S-6	05/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	326.35	8.16	318.19	NA
S-6	05/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	10.9	326.35	7.77	318.58	NA
S-6	08/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.50	<0.50	<0.50	<20	326.35	8.15	318.20	NA
S-6	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	<b>326.35</b>	<b>8.36</b>	<b>317.99</b>	<b>NA</b>
S-6	02/01/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	<2.0	<2.0	<2.0	<5.0	<b>326.35</b>	<b>8.36</b>	<b>317.99</b>	<b>NA</b>
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	8.92	317.57	NA
S-7	10/18/1991	<50	140 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	01/23/1992	<50	140 f	<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	8.06	318.43	NA
S-7	01/23/1993	<50	110 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.94	317.55	NA
S-7	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.57	317.92	NA
S-7	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.00	317.49	NA
S-7	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.96	317.53	NA
S-7	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.12	317.37	NA
S-7	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.58	317.91	NA
S-7	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.64	317.85	NA
S-7	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.74	317.75	2.3
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

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
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**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-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	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	326.49	8.65	317.84	2.0
S-7	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	326.49	8.55	317.94	2.3
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	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	12	NA	NA	NA	NA	326.36	7.88	318.48	1.8
S-7	05/30/2003	<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	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	NA	NA	NA	NA	326.36	7.70	318.66	NA
S-7	01/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	NA	326.36	7.60	318.76	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-7	05/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	<2.0	<2.0	7.5	<5.0	326.36	8.42	317.94	NA
S-7	08/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	<2.0	<2.0	7.5	<5.0	326.36	7.61	318.75	NA
S-7	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	124	<0.500	<0.500	8.70	<10.0	326.36	7.61	318.75	NA
S-7	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	93.0	<0.500	<0.500	4.50	<10.0	326.36	7.85	318.51	NA
S-7	01/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	76.3	<0.500	<0.500	2.98	<10.0	326.36	8.08	318.28	NA
S-7	01/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	76.3	<0.500	<0.500	2.98	<10.0	326.36	8.08	318.28	NA
S-7	05/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	34.7	<0.500	<0.500	2.02	<10.0	326.36	7.93	318.43	NA
S-7	05/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	34.7	<0.500	<0.500	2.02	<10.0	326.36	7.93	318.43	NA
S-7	08/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	27	<0.50	<0.50	1.6	<20	326.36	8.15	318.21	NA
S-7	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	27	<0.50	<0.50	1.6	<20	326.36	8.15	318.21	NA
S-7	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	45	<2.0	<2.0	2.9	28	326.36	8.35	318.01	NA
S-7	02/01/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	45	<2.0	<2.0	2.9	28	326.36	8.35	318.01	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	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	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	7.62	317.70	NA
S-8	10/18/1991	<50	360 f	<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	360 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	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	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	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	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	7.00	318.32	NA
S-8	10/16/1992	<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	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

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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
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	7.78	317.54	NA
S-8	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.42	317.90	NA
S-8	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.50	317.82	NA
S-8	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.56	317.76	1.6
S-8	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	325.32	7.64	317.68	2.0
S-8	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	325.32	7.75	317.57	2.3
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	8.02	317.30	1.8
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	7.34	317.98	1.8
S-8	05/30/2001	<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	06/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	325.03	7.39	317.64	3.0
S-8	05/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	325.03	7.00	318.03	1.0
S-8	05/03/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	325.03	8.65	316.39	NA
S-8	01/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<0.50	<0.50	<0.50	<5.0	325.03	6.73	318.30	NA
S-8	05/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.03	6.93	318.10	NA
S-8	08/05/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<0.500	<0.500	<0.500	<10.0	325.03	6.95	318.08	NA
S-8	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	325.03	6.91	318.12	NA
S-8	01/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	325.03	7.02	318.01	NA
S-8	05/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	325.03	6.98	318.05	NA
S-8	08/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.50	<0.50	<0.50	<0.50	<20	325.03	7.09	317.94	NA
S-8	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	325.03	7.27	317.76	NA
S-8	02/01/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.03	7.27	317.76	NA
S-9	11/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	325.89	7.61	318.28	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-9	11/27/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.89	7.77	318.12	NA
S-9	02/01/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.89	8.14	317.75	NA

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-isopropyl ether, analyzed by EPA Method 8260B
- ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
- TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
- TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
- TOC = Top of Casing Elevation
- 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)
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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.
  - f = There was insufficient preservative to reduce the sample pH to less than 2.
  - 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.
  - l = Extracted out of holding time.
  - m = Analyte was detected in the associated Method Blank.
- 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.  
Wells S-2, S-3 and S-9 were surveyed on November 22, 2006 by Mid Coast Engineers.

# SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 5251 Hopyard Rd, Pleasanton Date 02/01/07  
 Job Number 070201-JC2 Technician J. Guit Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements "See Below"	Water Sealed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
S-1	X	NO TAG					X		1 of 2 bolts missing
S-2	X	NO TAG							
S-3	X								
S-4	X								
S-5	X								
S-6	X								
S-7	X								
S-8								X	Apron cracked / Christy Box
S-9	X	NO TAG							

\*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12" or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes: \_\_\_\_\_

WELL GAUGING DATA

Project # 070201-802 Date 2/01/07 Client Shell

Site 5251 Hopyard Rd, Pleasanton

Well ID	Time	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	Notes
S-1	1015	3					8.19	28.55	TBC	9
S-2	1013	3					8.13	24.14	↓	8
S-3	1017	3				8.41	24.08	5		
S-4	1019	3				8.56	24.15	-		
S-5	1021	3				9.30	24.10	6		
S-6	1032	3				8.36	25.48	-		
S-7	1048	3				8.35	24.96	7		
S-8	1108	3				7.27	24.62	-		
S-9	1007	2				8.14	19.84	↓		-

## SHELL WELL MONITORING DATA SHEET

BTS #: 070201-JC2	Site: 98995743
Sampler: J. Grant	Date: 2/01/07
Well I.D.: 5-1	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): 28.55	Depth to Water (DTW): 8.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.26	

Purge Method: Bailer      Watera      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other: \_\_\_\_\_      Dedicated Tubing

7.5 (Gals.) X 3 = 22.5 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 <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1243	64.5	6.7	1665	37	7.5	Strong odor
1244	66.8	6.5	1644	22	15.0	↓
1246	67.2	6.5	1646	18	22.5	

Did well dewater? Yes  No  Gallons actually evacuated: 22.5

Sampling Date: 02/01/07      Sampling Time: 1335      Depth to Water: 12.02

Sample I.D.: 5-1      Laboratory: STL      Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OX<sub>1</sub>(<sub>1</sub>)

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 #: 070201-302	Site: 78995843
Sampler: J. Grant	Date: 2/01/07
Well I.D.: 5-2	Well Diameter: 2 <input checked="" type="radio"/> 4 6 8
Total Well Depth (TD): 24.14	Depth to Water (DTW): 8.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.32	

Purge Method: Bailer  
 Disposable Bailer  
 Positive Air Displacement  
 Electric Submersible 15.99

Waters  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method: Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing  
 Other: \_\_\_\_\_

$5.9 \text{ (Gals.)} \times 3 = 17.7 \text{ Gals.}$ Case Volume      Specified Volumes      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 <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1232	62.1	7.1	2997	22	5.9	
1233	63.4	7.0	2906	18	11.8	
1234	64.3	6.9	2901	17	17.7	

Did well dewater? Yes  No  Gallons actually evacuated: 17.7

Sampling Date: 02/01/07      Sampling Time: 1250      Depth to Water: 11.18

Sample I.D.: 5-2      Laboratory: STL      Other: TA

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 #: <u>070201-JC2</u>	Site: <u>78995743</u>
Sampler: <u>J. Grant</u>	Date: <u>2/01/07</u>
Well I.D.: <u>S-3</u>	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth (TD): <u>24.07</u>	Depth to Water (DTW): <u>8.41</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.54</u>	

Purge Method: Bailer  Waterra  Sampling Method: Bailer  
 Disposable Bailer  Peristaltic  Disposable Bailer   
 Positive Air Displacement  Extraction Pump  Extraction Port   
 Electric Submersible  Other \_\_\_\_\_ Dedicated Tubing

15.67

$\frac{5.7 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = 17.1 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <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> </tbody> </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
1202	62.0	7.0	1869	31	5.7	
1203	61.8	6.8	1949	47	11.4	
1204	62.9	6.7	2002	34	17.1	

Did well dewater? Yes  No  Gallons actually evacuated: 17.1

Sampling Date: 02/01/07 Sampling Time: 1215 Depth to Water: 11.52

Sample I.D.: S-3 Laboratory: STL Other TA

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 #: 070201-JC2	Site: 98995843
Sampler: J. Grant	Date: 2/01/07
Well I.D.: S-4	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): 24.15	Depth to Water (DTW): 8.56
Depth to Free Product:	Thickness of Free Product (feet): <del>11.67</del> <sup>non</sup> 4/2/07
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.67	

Purge Method: 1559 Bailer Electric Submersible Waterra Peristaltic Extraction Pump Other \_\_\_\_\_  
 Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: \_\_\_\_\_

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

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1148	62.3	7.1	1170	35	5.7	
1149	63.7	6.8	957	18	11.4	
1151	64.6	6.7	947	18	17.1	

Did well dewater? Yes No Gallons actually evacuated: 17.1

Sampling Date: 02/01/07 Sampling Time: 1158 Depth to Water: 11.59

Sample I.D.: S-4 Laboratory: STL Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OKY'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 #: 070201-JC2	Site: 98995843
Sampler: J. Grant	Date: 2/01/07
Well I.D.: 5.5	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): 24.10	Depth to Water (DTW): 9.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.26	

Purge Method: Bailer  Waterra  Sampling Method: Bail   
 Disposable Bailer  Peristaltic  Disposable Bailer   
 Positive Air Displacement  Extraction Pump  Extraction Port   
 Electric Submersible  Other: \_\_\_\_\_ Dedicated Tubing

1440

$5.4 \text{ (Gals.)} \times 3 = 16.2 \text{ Gals.}$ Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <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> </tbody> </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 <u>or</u> <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1218	62.5	6.6	1439	71	5.4	odor
1219	63.9	6.8	1366	52	10.8	↓
1220	64.2	6.7	1370	50	16.2	↓

Did well dewater? Yes  No  Gallons actually evacuated: 16.2

Sampling Date: 02/01/07 Sampling Time: 1230 Depth to Water: 12.17

Sample I.D.: 5.5 Laboratory: STL Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OKY'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 #: 070201-JC2	Site: 98995843
Sampler: J. Crait	Date: 2/01/07
Well I.D.: 5.6	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): 25.49	Depth to Water (DTW): 9.36
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.78	

Purge Method: 17.12 Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible  Water: Peristaltic  Extraction Pump  Other: \_\_\_\_\_

Sampling Method: Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing  Other: \_\_\_\_\_

$\frac{6.3 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = 18.9 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <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> </tbody> </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 <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1035	58.7	6.6	996	95	6.3	
1036	65.2	6.9	7560	318	12.6	
1038	66.3	6.9	7239	306	18.9	

Did well dewater? Yes  No  Gallons actually evacuated: 18.9

Sampling Date: 02/01/07 Sampling Time: 1045 Depth to Water: 14.99 traffic

Sample I.D.: 5.6 Laboratory: STL Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OV4'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 #: 070201-302	Site: 98995743
Sampler: J. Guitt	Date: 2/01/07
Well I.D.: 5-7	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 24.96	Depth to Water (DTW): 8.35
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]: 11.67	

Purge Method: Bailer (16.61)      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other:      Dedicated Tubing

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

1 Case Volume: 6.1 (Gals.) X 3 Specified Volumes = 18.3 Gals. Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1050	66.4	6.7	4267	55	6.1	
1051	68.0	6.8	4154	49	12.2	
1053	68.9	6.8	4211	35	18.3	

Did well dewater? Yes  No      Gallons actually evacuated: 18.3

Sampling Date: 02/01/07      Sampling Time: 1100      Depth to Water: 17.02 *traffic*

Sample I.D.: 5-7      Laboratory: STL      Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: Oxid'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 #: 070201-JL2	Site: 78995743
Sampler: J. Crut	Date: 2/01/07
Well I.D.: 5.8	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): 24.62	Depth to Water (DTW): 7.27
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.75	

Purge Method: Bailer      Watera      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 17.40 Electric Submersible Other \_\_\_\_\_      Other: \_\_\_\_\_  
 Dedicated Tubing

$6.4 \text{ (Gals.)} \times 3 = 19.2 \text{ Gals.}$ 1 Case Volume      Specified Volumes      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>3</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>3</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>3</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1110	65.7	7.2	13470	32	6.4	
1111	66.9	7.0	14110	32	12.8	
1113	65.8	6.9	14140	28	19.2	

Did well dewater? Yes  No  Gallons actually evacuated: 19.4

Sampling Date: 02/01/07      Sampling Time: 1120      Depth to Water: 14.38 traffic

Sample I.D.: 5.8      Laboratory: STL      Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: 6 & 4 'J

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 #: <u>070201-JC2</u>	Site: <u>98995743</u>
Sampler: <u>J. Grant</u>	Date: <u>2/01/07</u>
Well I.D.: <u>5-9</u>	Well Diameter: <u>3</u> 4 6 8
Total Well Depth (TD): <u>19.84</u>	Depth to Water (DTW): <u>8.14</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>10.48</u>	

Purge Method: Bailer      Waterra      Sampling Method: Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
11.7 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

$\frac{1.8}{1 \text{ Case Volume}} \times \frac{3}{\text{Specified Volumes}} = \frac{5.4}{\text{Calculated Volume}} \text{ Gals.}$	<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 <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
1304	63.5	7.0	4361	>1000	1.8	
1306	65.4	7.0	4598	>1000	3.6	
1309	66.2	7.1	4629	>1000	5.4	

Did well dewater? Yes  No  Gallons actually evacuated: 5.4

Sampling Date: 02/01/07      Sampling Time: 1320      Depth to Water: 9.66

Sample I.D.: 5-9      Laboratory: STL      Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: Oxy<sup>1,2</sup>

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

16 February, 2007

Michael Ninokata  
Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose, CA 95112

RE: 5251 Hopyard Rd., Pleasanton  
Work Order: SQB0050

Enclosed are the results of analyses for samples received by the laboratory on 02/02/07 14:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sylvia Krenn  
Project Manager

CA ELAP Certificate # 2630

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 5251 Hopyard Rd., Pleasanton Project Number: 98995843 Project Manager: Michael Ninokata	SQB0050 Reported: 02/16/07 15:10
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1	SQB0050-01	Water	02/01/07 13:35	02/02/07 14:00
S-2	SQB0050-02	Water	02/01/07 12:50	02/02/07 14:00
S-3	SQB0050-03	Water	02/01/07 12:15	02/02/07 14:00
S-4	SQB0050-04	Water	02/01/07 11:55	02/02/07 14:00
S-5	SQB0050-05	Water	02/01/07 12:30	02/02/07 14:00
S-6	SQB0050-06	Water	02/01/07 10:45	02/02/07 14:00
S-7	SQB0050-07	Water	02/01/07 11:00	02/02/07 14:00
S-8	SQB0050-08	Water	02/01/07 11:20	02/02/07 14:00
S-9	SQB0050-09	Water	02/01/07 13:20	02/02/07 14:00

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 5251 Hopyard Rd., Pleasanton Project Number: 98995843 Project Manager: Michael Ninokata	SQB0050 Reported: 02/16/07 15:10
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**Gasoline\BTEX\Oxygenates by GCMS\8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-1 (SQB0050-01) Water</b> Sampled: 02/01/07 13:35    Received: 02/02/07 14:00									
Tert-butyl alcohol	640	25	ug/l	5	7020042	02/05/07	02/06/07	GCMS \ 8260B	
Methyl tert-butyl ether	27	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Benzene	18	2.5	"	"	"	"	"	"	
Ethylbenzene	110	2.5	"	"	"	"	"	"	
Toluene	15	2.5	"	"	"	"	"	"	
Xylenes (total)	17	5.0	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>1500</b>	<b>250</b>	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		96 %		78-128	"	"	"	"	
Surrogate: Toluene-d8		102 %		86-112	"	"	"	"	
Surrogate: 4-BFB		100 %		86-114	"	"	"	"	
<b>S-2 (SQB0050-02) Water</b> Sampled: 02/01/07 12:50    Received: 02/02/07 14:00									
Tert-butyl alcohol	3900	5.0	ug/l	1	7020042	02/05/07	02/06/07	GCMS \ 8260B	
Methyl tert-butyl ether	130	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>160</b>	<b>50</b>	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		97 %		78-128	"	"	"	"	
Surrogate: Toluene-d8		102 %		86-112	"	"	"	"	
Surrogate: 4-BFB		102 %		86-114	"	"	"	"	

Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 5251 Hopyard Rd., Pleasanton  
Project Number: 98995843  
Project Manager: Michael Ninokata

SQB0050  
Reported:  
02/16/07 15:10

**Gasoline\BTEX\Oxygenates by GCMS\8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-3 (SQB0050-03) Water</b> Sampled: 02/01/07 12:15 Received: 02/02/07 14:00									
Tert-butyl alcohol	ND	25	ug/l	5	7020042	02/05/07	02/06/07	GCMS \ 8260B	
Methyl tert-butyl ether	17	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Benzene	230	2.5	"	"	"	"	"	"	
Ethylbenzene	4.0	2.5	"	"	"	"	"	"	
Toluene	4.4	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>	<b>430</b>	<b>250</b>	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		96 %		78-128	"	"	"	"	
Surrogate: Toluene-d8		101 %		86-112	"	"	"	"	
Surrogate: 4-BFB		102 %		86-114	"	"	"	"	
<b>S-4 (SQB0050-04) Water</b> Sampled: 02/01/07 11:55 Received: 02/02/07 14:00									
Tert-butyl alcohol	ND	5.0	ug/l	1	7020042	02/05/07	02/06/07	GCMS \ 8260B	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	50	"	"	"	"	"	"	
<b>Gasoline Range Organics (C4-C12)</b>									
Surrogate: 1,2-DCA-d4		94 %		78-128	"	"	"	"	
Surrogate: Toluene-d8		101 %		86-112	"	"	"	"	
Surrogate: 4-BFB		103 %		86-114	"	"	"	"	



Blaine Tech Services (Shell)  
 1680 Rogers Avenue  
 San Jose CA, 95112

Project: 5251 Hopyard Rd., Pleasanton  
 Project Number: 98995843  
 Project Manager: Michael Ninokata

SQB0050  
 Reported:  
 02/16/07 15:10

## Gasoline\BTEX\Oxygenates by GCMS\8260B

### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-5 (SQB0050-05) Water Sampled: 02/01/07 12:30 Received: 02/02/07 14:00									
Tert-butyl alcohol	42	5.0	ug/l	1	7020056	02/06/07	02/06/07	GCMS \ 8260B	
Methyl tert-butyl ether	13	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	14	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	2.1	0.50	"	"	"	"	"	"	
Xylenes (total)	1.4	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	280	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		96 %		78-128	"	"	"	"	
Surrogate: Toluene-d8		101 %		86-112	"	"	"	"	
Surrogate: 4-BFB		102 %		86-114	"	"	"	"	
S-6 (SQB0050-06) Water Sampled: 02/01/07 10:45 Received: 02/02/07 14:00									
Tert-butyl alcohol	ND	5.0	ug/l	1	7020056	02/06/07	02/06/07	GCMS \ 8260B	
Methyl tert-butyl ether	1.2	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		97 %		78-128	"	"	"	"	
Surrogate: Toluene-d8		101 %		86-112	"	"	"	"	
Surrogate: 4-BFB		102 %		86-114	"	"	"	"	

Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 5251 Hopyard Rd., Pleasanton  
Project Number: 98995843  
Project Manager: Michael Ninokata

SQB0050  
Reported:  
02/16/07 15:10

**Gasoline\BTEX\Oxygenates by GCMS\8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-7 (SQB0050-07) Water</b> Sampled: 02/01/07 11:00 Received: 02/02/07 14:00									
Tert-butyl alcohol	28	5.0	ug/l	1	7020056	02/06/07	02/07/07	GCMS \ 8260B	
Methyl tert-butyl ether	45	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	2.9	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)									
Surrogate: 1,2-DCA-d4		98 %	78-128		"	"	"	"	
Surrogate: Toluene-d8		101 %	86-112		"	"	"	"	
Surrogate: 4-BFB		102 %	86-114		"	"	"	"	
<b>S-8 (SQB0050-08) Water</b> Sampled: 02/01/07 11:20 Received: 02/02/07 14:00									
Tert-butyl alcohol	ND	5.0	ug/l	1	7020056	02/06/07	02/07/07	GCMS \ 8260B	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)									
Surrogate: 1,2-DCA-d4		100 %	78-128		"	"	"	"	
Surrogate: Toluene-d8		101 %	86-112		"	"	"	"	
Surrogate: 4-BFB		101 %	86-114		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 5251 Hopyard Rd., Pleasanton Project Number: 98995843 Project Manager: Michael Ninokata	SQB0050 Reported: 02/16/07 15:10
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**Gasoline\BTEX\Oxygenates by GCMS\8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-9 (SQB0050-09) Water</b>									
<b>Sampled: 02/01/07 13:20 Received: 02/02/07 14:00</b>									
Tert-butyl alcohol	ND	5.0	ug/l	1	7020056	02/06/07	02/07/07	GCMS \ 8260B	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)									
Surrogate: 1,2-DCA-d4		101 %		78-128					
Surrogate: Toluene-d8		100 %		86-112					
Surrogate: 4-BFB		102 %		86-114					

Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 5251 Hopyard Rd., Pleasanton  
Project Number: 98995843  
Project Manager: Michael Ninokata

SQB0050  
Reported:  
02/16/07 15:10

**Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7020042 - EPA 5030B [P/T] / GCMS \ 8260B**

Prepared: 02/05/07 Analyzed: 02/06/07

<b>Blank (7020042-BLK1)</b>										
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	1.0	"							
Xylenes (total)	ND	50	"							
Gasoline Range Organics (C4-C12)										
Surrogate: 1,2-DCA-d4	26.0		"	25.0		104	78-128			
Surrogate: Toluene-d8	25.5		"	25.0		102	86-112			
Surrogate: 4-BFB	26.6		"	25.0		106	86-114			

Prepared & Analyzed: 02/06/07

<b>Blank (7020042-BLK2)</b>										
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	1.0	"							
Xylenes (total)	ND	50	"							
Gasoline Range Organics (C4-C12)										
Surrogate: 1,2-DCA-d4	24.0		"	25.0		96	78-128			
Surrogate: Toluene-d8	26.0		"	25.0		104	86-112			
Surrogate: 4-BFB	26.3		"	25.0		105	86-114			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 5251 Hopyard Rd., Pleasanton Project Number: 98995843 Project Manager: Michael Ninokata	SQB0050 Reported: 02/16/07 15:10
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**Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7020042 - EPA 5030B [P/T] / GCMS \ 8260B**

Prepared & Analyzed: 02/13/07

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (7020042-BLK3)</b>										
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	24.1		"	25.0		96	78-128			
Surrogate: Toluene-d8	26.8		"	25.0		107	86-112			
Surrogate: 4-BFB	25.2		"	25.0		101	86-114			

Prepared: 02/05/07 Analyzed: 02/06/07

**Laboratory Control Sample (7020042-BS1)**

Gasoline Range Organics (C4-C12)	1730	50	ug/l	2200		79	75-122			
Surrogate: 1,2-DCA-d4	24.6		"	25.0		98	78-128			
Surrogate: Toluene-d8	25.6		"	25.0		102	86-112			
Surrogate: 4-BFB	26.2		"	25.0		105	86-114			

Prepared: 02/05/07 Analyzed: 02/06/07

**Laboratory Control Sample (7020042-BS2)**

Methyl tert-butyl ether	18.8	0.50	ug/l	20.0		94	71-122			
Benzene	20.6	0.50	"	20.0		103	87-113			
Toluene	19.5	0.50	"	20.0		98	86-114			
Surrogate: 1,2-DCA-d4	26.5		"	25.0		106	78-128			
Surrogate: Toluene-d8	25.0		"	25.0		100	86-112			
Surrogate: 4-BFB	25.4		"	25.0		102	86-114			

Blaine Tech Services (Shell)  
 1680 Rogers Avenue  
 San Jose CA, 95112

Project: 5251 Hopyard Rd., Pleasanton  
 Project Number: 98995843  
 Project Manager: Michael Ninokata

SQB0050  
 Reported:  
 02/16/07 15:10

## Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control

### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 7020042 - EPA 5030B [P/T] / GCMS \ 8260B</b>										
Prepared & Analyzed: 02/06/07										
<b>Laboratory Control Sample (7020042-BS3)</b>										
Gasoline Range Organics (C4-C12)	1800	50	ug/l	2200		82	75-122			
Surrogate: 1,2-DCA-d4	25.5		"	25.0		102	78-128			
Surrogate: Toluene-d8	25.3		"	25.0		101	86-112			
Surrogate: 4-BFB	26.4		"	25.0		106	86-114			
Prepared & Analyzed: 02/06/07										
<b>Laboratory Control Sample (7020042-BS4)</b>										
Methyl tert-butyl ether	18.6	0.50	ug/l	20.0		93	71-122			
Benzene	20.7	0.50	"	20.0		104	87-113			
Toluene	19.4	0.50	"	20.0		97	86-114			
Surrogate: 1,2-DCA-d4	25.2		"	25.0		101	78-128			
Surrogate: Toluene-d8	24.4		"	25.0		98	86-112			
Surrogate: 4-BFB	25.6		"	25.0		102	86-114			
Prepared & Analyzed: 02/13/07										
<b>Laboratory Control Sample (7020042-BS5)</b>										
Gasoline Range Organics (C4-C12)	1950	50	ug/l	2200		89	75-122			
Surrogate: 1,2-DCA-d4	24.2		"	25.0		97	78-128			
Surrogate: Toluene-d8	26.1		"	25.0		104	86-112			
Surrogate: 4-BFB	25.5		"	25.0		102	86-114			
Prepared & Analyzed: 02/13/07										
<b>Laboratory Control Sample (7020042-BS6)</b>										
Methyl tert-butyl ether	19.9	0.50	ug/l	20.0		100	71-122			
Benzene	21.4	0.50	"	20.0		107	87-113			
Toluene	23.1	0.50	"	20.0		116	86-114			L1
Surrogate: 1,2-DCA-d4	24.7		"	25.0		99	78-128			
Surrogate: Toluene-d8	25.7		"	25.0		103	86-112			
Surrogate: 4-BFB	24.7		"	25.0		99	86-114			
Prepared & Analyzed: 02/13/07										
<b>Matrix Spike (7020042-MS1)</b>										
Source: SQB0049-01										
Methyl tert-butyl ether	193	0.50	ug/l	34.0	145	141	71-122			M7
Benzene	26.4	0.50	"	23.6	0.530	110	87-113			M7
Toluene	206	0.50	"	170	ND	121	86-114			
Gasoline Range Organics (C4-C12)	1960	50	"	2200	76.9	86	72-123			
Surrogate: 1,2-DCA-d4	24.4		"	25.0		98	78-128			
Surrogate: Toluene-d8	25.8		"	25.0		103	86-112			
Surrogate: 4-BFB	24.4		"	25.0		98	86-114			

Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 5251 Hopyard Rd., Pleasanton  
Project Number: 98995843  
Project Manager: Michael Ninokata

SQB0050  
Reported:  
02/16/07 15:10

**Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7020042 - EPA 5030B [P/T] / GCMS \ 8260B**

Matrix Spike Dup (7020042-MSD1)		Source: SQB0049-01		Prepared & Analyzed: 02/13/07						
	193	0.50	ug/l	34.0	145	141	71-122	0	25	M7
Methyl tert-butyl ether	27.6	0.50	"	23.6	0.530	115	87-113	4	25	M7
Benzene	209	0.50	"	170	ND	123	86-114	1	25	M7
Toluene	1930	50	"	2200	76.9	84	72-123	2	25	
Gasoline Range Organics (C4-C12)	24.6		"	25.0		98	78-128			
Surrogate: 1,2-DCA-d4	26.6		"	25.0		106	86-112			
Surrogate: Toluene-d8	24.4		"	25.0		98	86-114			
Surrogate: 4-BFB										

**Batch 7020056 - EPA 5030B [P/T] / GCMS \ 8260B**

Blank (7020056-BLK1)		Prepared & Analyzed: 02/06/07								
Tert-butyl alcohol	ND	5.0	ug/l							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	1.0	"							
Xylenes (total)	ND	50	"							
Gasoline Range Organics (C4-C12)	24.0		"	25.0		96	78-128			
Surrogate: 1,2-DCA-d4	26.0		"	25.0		104	86-112			
Surrogate: Toluene-d8	26.3		"	25.0		105	86-114			
Surrogate: 4-BFB										

**Blank (7020056-BLK2)**

Blank (7020056-BLK2)		Prepared & Analyzed: 02/13/07								
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							

TestAmerica - Sacramento, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 5251 Hopyard Rd., Pleasanton Project Number: 98995843 Project Manager: Michael Ninokata	SQB0050 Reported: 02/16/07 15:10
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## Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control

### TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 7020056 - EPA 5030B [P/T] / GCMS \ 8260B

Prepared & Analyzed: 02/13/07										
<b>Blank (7020056-BLK2)</b>										
Xylenes (total)	ND	1.0	ug/l							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	24.1		"	25.0		96	78-128			
Surrogate: Toluene-d8	26.8		"	25.0		107	86-112			
Surrogate: 4-BFB	25.2		"	25.0		101	86-114			

Prepared & Analyzed: 02/06/07										
<b>Laboratory Control Sample (7020056-BS1)</b>										
Gasoline Range Organics (C4-C12)	1800	50	ug/l	2200		82	75-122			
Surrogate: 1,2-DCA-d4	25.5		"	25.0		102	78-128			
Surrogate: Toluene-d8	25.3		"	25.0		101	86-112			
Surrogate: 4-BFB	26.4		"	25.0		106	86-114			

Prepared & Analyzed: 02/06/07										
<b>Laboratory Control Sample (7020056-BS2)</b>										
Methyl tert-butyl ether	18.6	0.50	ug/l	20.0		93	71-122			
Benzene	20.7	0.50	"	20.0		104	87-113			
Toluene	19.4	0.50	"	20.0		97	86-114			
Surrogate: 1,2-DCA-d4	25.2		"	25.0		101	78-128			
Surrogate: Toluene-d8	24.4		"	25.0		98	86-112			
Surrogate: 4-BFB	25.6		"	25.0		102	86-114			

Prepared & Analyzed: 02/13/07										
<b>Laboratory Control Sample (7020056-BS3)</b>										
Gasoline Range Organics (C4-C12)	1950	50	ug/l	2200		89	75-122			
Surrogate: 1,2-DCA-d4	24.2		"	25.0		97	78-128			
Surrogate: Toluene-d8	26.1		"	25.0		104	86-112			
Surrogate: 4-BFB	25.5		"	25.0		102	86-114			

Prepared & Analyzed: 02/13/07										
<b>Laboratory Control Sample (7020056-BS4)</b>										
Methyl tert-butyl ether	19.9	0.50	ug/l	20.0		100	71-122			
Benzene	21.4	0.50	"	20.0		107	87-113			L1
Toluene	23.1	0.50	"	20.0		116	86-114			
Surrogate: 1,2-DCA-d4	24.7		"	25.0		99	78-128			
Surrogate: Toluene-d8	25.7		"	25.0		103	86-112			
Surrogate: 4-BFB	24.7		"	25.0		99	86-114			



Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 5251 Hopyard Rd., Pleasanton Project Number: 98995843 Project Manager: Michael Ninokata	SQB0050 Reported: 02/16/07 15:10
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**Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 7020056 - EPA 5030B [P/T] / GCMS \ 8260B</b>										
<b>Matrix Spike (7020056-MS1)</b>				<b>Source: SQB0053-03</b>		<b>Prepared &amp; Analyzed: 02/13/07</b>				
Methyl tert-butyl ether	35.9	0.50	ug/l	34.0	ND	106	71-122			
Benzene	26.4	0.50	"	23.6	ND	112	87-113			M7
Toluene	206	0.50	"	170	ND	121	86-114			
Gasoline Range Organics (C4-C12)	1810	50	"	2200	ND	82	72-123			
Surrogate: 1,2-DCA-d4	24.5		"	25.0		98	78-128			
Surrogate: Toluene-d8	26.1		"	25.0		104	86-112			
Surrogate: 4-BFB	25.3		"	25.0		101	86-114			
<b>Matrix Spike Dup (7020056-MSD1)</b>				<b>Source: SQB0053-03</b>		<b>Prepared &amp; Analyzed: 02/13/07</b>				
Methyl tert-butyl ether	35.1	0.50	ug/l	34.0	ND	103	71-122	2	25	
Benzene	24.5	0.50	"	23.6	ND	104	87-113	7	25	
Toluene	193	0.50	"	170	ND	114	86-114	7	25	
Gasoline Range Organics (C4-C12)	1770	50	"	2200	ND	80	72-123	2	25	
Surrogate: 1,2-DCA-d4	24.2		"	25.0		97	78-128			
Surrogate: Toluene-d8	25.7		"	25.0		103	86-112			
Surrogate: 4-BFB	24.5		"	25.0		98	86-114			

Blaine Tech Services (Shell)  
1680 Rogers Avenue  
San Jose CA, 95112

Project: 5251 Hopyard Rd., Pleasanton  
Project Number: 98995843  
Project Manager: Michael Ninokata

SQB0050  
Reported:  
02/16/07 15:10

**Notes and Definitions**

- M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

AB:

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Sacramento, California
- TA - Nashville, Tennessee
- Calscience
- Other



# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

ENVIRONMENTAL SERVICES

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (YES ONLY)

9 8 9 9 5 8 4 3

DATE: 2/01/07

NETWORK DEV / FE

BILL CONSULTANT

PO #

SAP or CRMT #

PAGE: 1 of 1

COMPLIANCE

RMT/CRMT

PLING COMPANY:

LOG CODE:

SITE ADDRESS: Street and City

State

GLOBAL ID NO.

Blaine Tech Services

BTSS

5251 Hopyard Rd., Pleasanton

CA

T0600101267

ADDRESS:

EDF DELIVERABLE TO (Name, Company, Office Location)

PHONE NO

E-MAIL

CONSULTANT PROJECT NO

80 Rogers Avenue, San Jose, CA 95112

Lena Martinez, Delta, San Jose Office

(408) 826-1861

lmartinez@deltaenv.com

BTS # 070201-22

Michael Ninokata

TELEPHONE

FAX

E-MAIL

8-573-0555

408-573-7771

mninokata@blainetech.com

SAMPLER NAME(S) (Print)

J. Cuit

LAB USE ONLY

230050

STANDARD (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

RESULTS NEEDED

STD  5 DAY  3 DAY  2 DAY  24 HOURS

ON WEEKEND

## REQUESTED ANALYSIS

LA - RWQCB REPORT FORMAT  UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- EDD NOT NEEDED
- SHELL CONTRACT RATE APPLIES
- STATE REIMB RATE APPLIES
- RECEIPT VERIFICATION REQUESTED

## FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

CC Lee Dooley [ldooley@deltaenv.com](mailto:ldooley@deltaenv.com) and Heather Buckingham [hbuckingham@deltaenv.com](mailto:hbuckingham@deltaenv.com) when sending final report.

NO. OF CONT.	MATRIX	SAMPLING		NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C°
		DATE	TIME															
3	W	2/1	1335	3	X	X	X											
			1250		X	X	X											
			1215		X	X	X											
			1155		X	X	X											
			1230		X	X	X											
			1045		X	X	X											
			1100		X	X	X											
			1120		X	X	X											
			1320		X	X	X											5.200

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date: 2/1/07 Time: 1630

Date: 2/2/07 Time: 1400

Date: Time: