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**SUSTAINABLE STRATEGIES FOR GLOBAL LEADERS**

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September 23, 2008  
DELTA Project No. SCA3790H1  
SAP No. 135784

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

**Re: Third Quarter 2008 Groundwater Monitoring and Remediation  
Status Report  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, California**



Dear Mr. Wickham:

On behalf of Shell Oil Products US (SHELL), Delta Consultants (DELTA) has prepared this *Third Quarter 2008 Groundwater Monitoring and Remediation Status Report* for the above referenced site. The sampling activities at the site were conducted by Blaine Tech Services, Inc. under contract to SHELL and included the collection of groundwater samples and static water level measurements. A DELTA staff member, under the supervision of a California Registered Civil Engineer or a California Professional Geologist, performed the data evaluation.

This quarterly report represents 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.

a member of:



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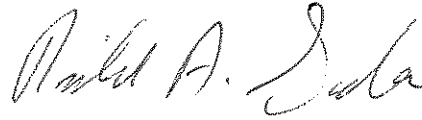
Mr. Jerry Wickham  
Alameda County Health Care Services  
September 23, 2008  
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If you have any questions regarding this site, please contact Ms. Elisabeth Silver (DELTA Site Manager) at (425) 498-7736 or Mr. Denis Brown (SHELL Project Manager) at (707) 865-0251.

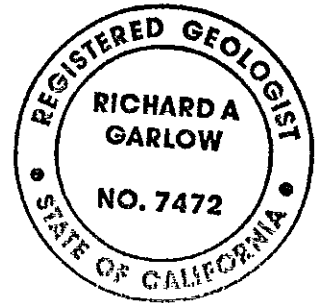
Sincerely,  
**Delta Consultants**

  
Angela Pico for:

Elisabeth Silver  
Project Manager



Richard A. Garlow, M.S., P.G.  
Senior Project Manager



Attachment: Third Quarter 2008 Groundwater Monitoring and Remediation Status Report

cc: Denis Brown, Shell Oil Products US, Carson  
Danielle Stefani, Livermore-Pleasanton Fire Department  
Matthew W. Katen, Zone 7 Water Agency, Pleasanton

**SHELL QUARTERLY STATUS REPORT**

Station Address:	3790 Hopyard Road, Pleasanton, CA
DELTA Project No.:	SCA3790H1
SHELL Project Manager / Phone No.:	Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.:	Elisabeth Silver / (425) 498-7736
Primary Agency / Regulatory ID No.:	Alameda County Health Care Services (ACHCS) / Mr. Jerry Wickham, P.G., CHG
Other Agencies to Receive Copies:	Regional Water Quality Control Board – San Francisco Bay Livermore-Pleasanton Fire Department Zone 7 Water Agency, Pleasanton

**WORK PERFORMED THIS QUARTER (THIRD - 2008):**

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. The GWE system remained shut down during the third quarter 2008.
3. Submit monthly discharge report.

**WORK PROPOSED FOR NEXT QUARTER (FOURTH - 2008):**

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. Submit monthly discharge report.

Current Phase of Project:	Groundwater Monitoring
Site Use:	Shell-branded Service Station
Frequency of Sampling:	Quarterly (Performed by Blaine Tech Services)
Frequency of Monitoring:	Quarterly
Frequency of System Sampling:	None (GWE system shut down)
Frequency of System Monitoring:	None (GWE system shut down)
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cumulative SPH Recovered to Date:	None
Groundwater Removed this Quarter:	594.3 gallons were recovered during sampling on July 29, 2008.
Receptors in Site Vicinity:	The Arroyo Mocho Canal is located 365 ft south of site location. There are two municipal drinking wells (Hopyard Well 01 and Hopyard Well 06) located 1367 ft southeast of site.
Site Lithology:	Beneath two to three feet of surface material is a clay or silt to a depth of approximately 50 to 60 feet. This is overlying approximately 20 feet of a sand to an interbedded sand with silt or clay. Underlying this is a clay or silt to the bottom of the borings which may extend to a depth of 110 feet.
Approximate Depth to Groundwater:	13.25 to 23.91 feet below top of well casing (shallow wells) 31.55 to 32.48 feet below top of well casing (deep wells) 30.91 feet below bridge(C-1, canal)
Groundwater Gradient:	Site groundwater flow direction is towards the South-southeast at a gradient of 0.01 ft/ft.
Current Remediation Techniques:	GWE system shut down, natural attenuation.

**SHELL QUARTERLY STATUS REPORT (CONT.)**

Permits for Discharge:	Dublin San Ramon Services District Wastewater Discharge Permit No. 05021
Current Agency Correspondence:	ACHCS letter dated October 25, 2007
Site History:	
Case Opening	1986, Soil borings by Emcon prior to UST replacement
On-Site Assessment	1986, Soil borings by Emcon prior to UST replacement
Off-Site Assessment	None
Passive Remediation	Monitor natural attenuation
Active Remediation	None
Closure	None
Summary of Unusual Activity:	None

**Third Quarter Remediation:**

Monitor natural attenuation

**Comments:**

TPH-g was detected in groundwater samples collected from wells S-2, S-4, S-5, S-6, S-9, S-11, SR-1, and SR-3 with concentrations ranging from 58 micrograms per liter ( $\mu\text{g/L}$ ) [S-11] to 1,100  $\mu\text{g/L}$  (S-6).

Benzene was detected in groundwater samples collected from wells S-2, S-4, and S-5 with concentrations of 1.1  $\mu\text{g/L}$  (S-4, S-5) and 5.3  $\mu\text{g/L}$  (S-2).

MTBE was detected in groundwater samples collected from wells S-2, S-4, S-5, S-6, S-7, S-8, S-9, S-9B, S-11, SR-1, SR-2, and SR-3 with concentrations ranging from 1.2  $\mu\text{g/L}$  (SR-2) to 45  $\mu\text{g/L}$  (S-9).

TBA was detected in groundwater samples collected from wells S-2, S-3, S-4, S-5, S-6, S-10, SR-1, SR-2, and SR-3 with concentrations ranging from 13  $\mu\text{g/L}$  (S-3) to 2,300  $\mu\text{g/L}$  (S-2).

Ethylbenzene was detected in groundwater samples collected from wells S-4, S-5 and SR-1 with concentrations ranging from 1.3  $\mu\text{g/L}$  (S-4) to 3.9  $\mu\text{g/L}$  (S-5).

Xylenes were only detected in a groundwater sample collected from well S-5 at a concentration of 2.3  $\mu\text{g/L}$ .

Ethanol was detected in groundwater samples collected from wells S-3, S-10, and S-12 with concentrations ranging from 140  $\mu\text{g/L}$  (S-12) to 320  $\mu\text{g/L}$  (S-10).

Toluene, DIPE, ETBE, and TAME were not detected above reporting limits in any wells.

**Comments/Recommendations:**

Analytical results indicate overall downward trend. Slight upward trend noted in some samples, recommend continued shutdown of GWE system. Continue quarterly groundwater monitoring.

## **ATTACHMENTS:**

### **Tables:**

Table 1 – Current Well Concentrations

Table 2 – Historic Well Concentrations

### **Figures:**

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map

Figure 3 – Hydrocarbon Distribution in Groundwater Map

Figure 4 – TPH-g Isoconcentration Map

Figure 5 – Benzene Isoconcentration Map

Figure 6 – MTBE Isoconcentration Map

Figure 7 – TBA Isoconcentration Map

### **Graphs:**

Graph 1 – MTBE and TBA Concentrations (Well S-4)

Graph 2 – MTBE and TBA Concentrations (Well S-6)

Graph 3 – MTBE and TBA Concentrations (Well S-7)

Graph 4 – MTBE and TBA Concentrations (Well S-9)

Graph 5 – MTBE and TBA Concentrations (Well SR-2)

### **Appendices:**

Appendix A – Field Data Sheets

Appendix B – Field Procedures

Appendix C – Laboratory Results and Chain-of-Custody Documentation

## TABLES

**TABLE 1**  
**CURRENT WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-2	7/29/2008	370	NA	5.3	<5.0	<5.0	<5.0	NA	18	<10	<10	<10	2,300	NA	<500	328.77	15.00	313.77	NA	NA
S-3	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	13	NA	170	327.40	13.25	314.15	NA	NA
S-4	7/29/2008	190	NA	1.1	<1.0	1.3	<1.0	NA	24	<2.0	<2.0	<2.0	1,500	NA	<100	328.11	14.64	313.47	NA	NA
S-5	7/29/2008	350	NA	1.1	<1.0	3.9	2.3	NA	4.4	<2.0	<2.0	<2.0	18	NA	<100	329.36	16.22	313.14	NA	NA
S-5B	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	100	332.25	32.33	299.92	NA	NA
S-5C	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	332.33	32.48	299.85	NA	NA
S-6	7/29/2008	1,100	NA	<2.5	<5.0	<5.0	<5.0	NA	15	<10	<10	<10	1,700	NA	<500	327.26	15.84	311.42	NA	NA
S-7	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	21	<2.0	<2.0	<2.0	<10	NA	<100	328.41	17.35	311.06	NA	NA
S-8	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	14	<2.0	<2.0	<2.0	<10	NA	<100	326.14	15.45	310.69	NA	NA
S-9	7/29/2008	85	NA	<0.50	<1.0	<1.0	<1.0	NA	45	<2.0	<2.0	<2.0	<10	NA	230	327.85	18.33	309.52	NA	NA
S-9B	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	4.1	<2.0	<2.0	<2.0	<10	NA	<100	330.47	31.69	298.78	NA	NA
S-9C	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	330.77	31.55	299.22	NA	NA
S-10	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	14	NA	320	325.87	14.50	311.37	NA	NA
S-11	7/29/2008	58	NA	<0.50	<1.0	<1.0	<1.0	NA	31	<2.0	<2.0	<2.0	<10	NA	<100	327.48	17.31	310.17	NA	NA
S-12	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	140	322.76	17.00	305.76	NA	NA
S-14	7/29/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	18.30	306.60	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-15	7/29/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.91	NA	NA	NA
SR-1	7/29/2008	100	NA	<0.50	<1.0	1.7	<1.0	NA	4.4	<2.0	<2.0	<2.0	23	NA	<100	328.33	15.70	312.63	NA	NA
SR-2	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	1.2	<2.0	<2.0	<2.0	22	NA	<100	327.31	14.81	312.50	NA	NA
SR-3	7/29/2008	60	NA	<0.50	<1.0	<1.0	<1.0	NA	7.1	<2.0	<2.0	<2.0	570	NA	<100	327.50	14.85	312.65	NA	NA
C-1	7/29/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	30.91	300.42	NA	NA

Abbreviations:

TEPH = Total petroleum hydrocarbons as diesel.

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

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

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260

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

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

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260

1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260

TOB = Top of Wellbox Elevation

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ppm = Parts per million

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample



**TABLE 1**  
**CURRENT WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Notes:

- a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.
  - b = This sample was analyzed outside of the EPA recommended holding time.
  - c = Samples for wells S-6 and S-7 may have been switched.
  - d = Survey date only.
  - e = Hydrocarbon does not match pattern of laboratory's standard.
  - f = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
  - g = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
  - h = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the compound's retention time and the presence of a single mass ion.
  - i = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
  - j = Hydrocarbon result partly due to individual peak(s) in quantitation range.
  - k = Analyzed by EPA Method 8015B (M).
  - l = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
  - m = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- Ethanol analyzed by EPA Method 8260.  
Corrected groundwater elevation when SPH is present = Top of Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).  
Well T-2 is a backfill well.  
Beginning September 23, 2002 depth to water referenced to Top of Casing.  
All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.  
Survey data for wells S-11 and S-12 provided by Cambria Environmental Technology, Inc.  
C-1 surveyed March 18, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.  
Wells SR-1, SR-2, and SR-3 surveyed September 22, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.  
4Q05 survey data for wells S-5B, S-5C, S-9B, S-9C, and S-14 provided by Delta Environmental Consultants, Inc.

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-1	11/6/1987	920	NA	230	<5	150	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-1	2/14/1988	3,500	NA	1,300	<40	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	11/6/1987	16,000	NA	870	100	2,700	2,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	2/14/1988	1,800	NA	440	<10	140	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	10/13/1988	550	NA	110	1	45	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	1/31/1989	620	NA	170	2	62	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	3/7/1989	1,900	NA	260	270	130	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	6/26/1989	320	NA	88	1	32	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	9/8/1989	230	NA	80	1	30	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	12/14/1989	160	NA	56	0.5	21	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	3/5/1990	710	NA	57	<0.5	<0.5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	6/14/1990	110	NA	39	0.5	11	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	10/2/1990	290	NA	84	1.7	160	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	12/18/1990	61	NA	18	1.4	2.2	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	3/20/1991	110	NA	30	2.2	10	7	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	6/26/1991	50a	NA	6.3	<0.5	3.3	1.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	9/5/1991	90	NA	12	3.2	2.5	2.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	12/13/1991	<50	NA	12	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.85	313.36	NA	NA
S-2	3/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.94	314.27	NA	NA
S-2	6/24/1992	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.78	313.43	NA	NA
S-2	9/17/1992	78	NA	2.6	1.3	1.3	0.9	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.03	314.18	NA	NA
S-2	12/11/1992	<50	NA	0.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.81	314.40	NA	NA
S-2	2/4/1993	55	NA	1.3	0.7	0.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	6/3/1993	<50	NA	0.7	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	9/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.63	314.58	NA	NA
S-2	12/9/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.70	314.51	NA	NA
S-2	6/16/1994	<50	NA	0.8	<0.5	0.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.94	314.27	NA	NA
S-2	9/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.17	314.04	NA	NA
S-2	6/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.25	314.96	NA	NA
S-2	6/12/1996	<50	NA	6.1	<0.5	<0.5	<0.5	48	NA	NA	NA	NA	NA	NA	NA	329.21	14.31	314.90	NA	NA

**TABLE 2**  
**HISTORIC 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)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-2	6/25/1997	120	NA	25	0.59	2.4	8.7	130	NA	NA	NA	NA	NA	NA	NA	329.21	14.40	314.81	NA	4.4
S-2	6/19/1998	450	NA	96	<2.5	4	19	180	NA	NA	NA	NA	NA	NA	NA	329.21	13.72	315.49	NA	2.8
S-2	6/17/1999	312	NA	74.4	2.04	1.02	<1.00	147	NA	NA	NA	NA	NA	NA	NA	329.21	13.97	315.24	NA	3.7
S-2	6/15/2000	1,050	NA	261	<5.00	7.54	11.4	13,500	9,850 b	NA	NA	NA	NA	NA	NA	329.21	14.25	314.96	NA	3.3
S-2	11/29/2000	<250	NA	3.75	<2.50	<2.50	<2.50	12,400	10,700 b	NA	NA	NA	NA	NA	NA	329.21	14.82	314.39	NA	2.2
S-2	3/7/2001	<500	NA	14.7	<5.00	<5.00	<5.00	8,610	NA	NA	NA	NA	NA	NA	NA	329.21	13.70	315.51	NA	2.3
S-2	6/18/2001	<2,000	NA	<20	<20	<20	<20	NA	7,100	NA	NA	NA	NA	NA	NA	329.21	14.56	314.65	NA	NA
S-2	9/17/2001	<2,000	NA	<10	<10	<10	<10	NA	7,500	<10	<10	<10	680	NA	<500	329.21	15.18	314.03	NA	NA
S-2	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	NA	NA	NA	NA	NA	NA	329.21	13.19	316.02	NA	NA
S-2	3/13/2002	<1,000	NA	65	<10	13	<10	NA	6,500	NA	NA	NA	NA	NA	NA	329.21	15.03	314.18	NA	NA
S-2	6/18/2002	520	NA	28	<5.0	<5.0	<5.0	NA	2,800	NA	NA	NA	NA	NA	NA	329.21	15.60	313.61	NA	NA
S-2	9/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,200	NA	NA	NA	NA	NA	NA	328.77	14.90	313.87	NA	NA
S-2	12/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,300	<10	<10	<10	5,600	<10	NA	328.77	14.40	314.37	NA	NA
S-2	3/24/2003	<2,500	NA	28	<25	<25	<50	NA	1,300	NA	NA	NA	NA	NA	NA	328.77	14.86	313.91	NA	NA
S-2	5/9/2003	<2,500	NA	36	<25	35	<50	NA	4,000	NA	NA	NA	6,200	NA	NA	328.77	13.45	315.32	NA	NA
S-2	7/8/2003	<2,000	NA	<20	<20	<20	<40	NA	3,200	NA	NA	NA	NA	NA	NA	328.77	20.10	308.67	NA	NA
S-2	10/15/2003	960 e	NA	6.9	<2.5	9.0	<5.0	NA	90	NA	NA	NA	2,400	NA	NA	328.77	16.67	312.10	NA	NA
S-2	1/6/2004	690	NA	8.3	<0.50	0.72	2.8	NA	82	NA	NA	NA	860	NA	NA	328.77	21.00	307.77	NA	NA
S-2	4/7/2004	980 e	NA	12	<2.5	<2.5	<5.0	NA	28	NA	NA	NA	2,500	NA	NA	328.77	16.62	312.15	NA	NA
S-2	7/27/2004	62	NA	1.5	<0.50	<0.50	<1.0	NA	16	<2.0	<2.0	<2.0	550	NA	<50	328.77	16.64	312.13	NA	NA
S-2	10/29/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	22	<10	<10	<10	1,800	NA	<250	328.77	16.43	312.34	NA	NA
S-2	1/6/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	21	<10	<10	<10	2,700	NA	NA	328.77	16.37	312.40	NA	NA
S-2	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	14	<0.50	<0.50	<0.50	290	NA	<5.0	328.77	18.54	310.23	NA	NA
S-2	7/29/2005	1,300 g	NA	<5.0	<5.0	<5.0	<10	NA	19	<20	<20	<20	1,000	NA	<500	328.77	21.37	307.40	NA	NA
S-2	10/20/2005	1,300	NA	13	<1.0	9.8	2.6	NA	26	<4.0	<4.0	<4.0	730	NA	<100	328.77	21.88	306.89	NA	NA
S-2	1/26/2006	3,820	NA	16.3	<0.500	5.78	<0.500	NA	25.8	<0.500	<0.500	<0.500	445	NA	<50.0	328.77	21.15	307.62	NA	NA
S-2	4/24/2006	4,720	NA	68.8	1.44	115	8.31	NA	1,600	<0.500	<0.500	<0.500	1,010	NA	<50.0	328.77	13.80	314.97	NA	NA
S-2	7/12/2006	<50.0	NA	14.4	<0.500	<0.500	<1.50	NA	70.9	<0.500	<0.500	<0.500	1,660	NA	<50.0	328.77	14.19	314.58	NA	NA
S-2	10/20/2006	108	NA	5.52	<0.500	0.690	<0.500	NA	17.9	<0.500	<0.500	<0.500	382	NA	<50.0	328.77	14.13	314.64	NA	NA
S-2	1/22/2007	<50	NA	0.40 i	<0.50	<0.50	<1.0	NA	16	<1.0	<1.0	<1.0	450	NA	<150	328.77	14.05	314.72	NA	NA
S-2	4/13/2007	52 k	NA	0.53	<1.0	0.22 m	<1.0	NA	14	<2.0	<2.0	<2.0	660	NA	<100	328.77	14.09	314.68	NA	NA

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**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-2	7/9/2007	97 k.l	NA	4.6	<1.0	<1.0	<1.0	NA	23	<2.0	<2.0	<2.0	1,500	NA	<100	328.77	13.33	315.44	NA	NA
S-2	10/22/2007	120 k	NA	0.23 m	<1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	2,400	NA	<100	328.77	14.70	314.07	NA	NA
S-2	1/9/2008	66 k	NA	1.5 m	<5.0	<5.0	<5.0	NA	12	<10	<10	<10	1,500	NA	<500	328.77	13.65	315.12	NA	NA
S-2	4/11/2008	450	NA	3.8	<5.0	<5.0	<5.0	NA	37	<10	<10	<10	4,300	NA	<500	328.77	14.47	314.30	NA	NA
S-2	7/29/2008	370	NA	5.3	<5.0	<5.0	<5.0	NA	18	<10	<10	<10	2,300	NA	<500	328.77	15.00	313.77	NA	NA
S-3	2/14/1988	<50	NA	<0.5	<1	<4	<4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	10/13/1988	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	1/31/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	3/7/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	6/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	9/8/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	12/14/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	3/5/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	6/14/1990	<500	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	10/2/1990	<50	NA	<0.5	<0.5	<0.5	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	12/18/1990	<50	NA	<0.5	1.6	<0.5	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	3/20/1991	70	NA	2.3	8.9	4	23	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	6/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	9/5/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.87	313.80	NA	NA
S-3	3/11/1992	<30	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.05	314.62	NA	NA
S-3	6/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.86	313.81	NA	NA
S-3	9/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.01	314.66	NA	NA
S-3	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.00	314.67	NA	NA
S-3	2/4/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	6/3/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	9/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.02	314.65	NA	NA
S-3	12/9/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	9/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	15.17	312.50	NA	NA
S-3	6/21/1995	50	NA	4.1	<0.5	20	1.2	NA	NA	NA	NA	NA	NA	NA	NA	327.67	12.49	315.18	NA	NA

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**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3	6/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	327.67	12.53	315.14	NA	NA
S-3	6/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.67	12.64	315.03	NA	1.8
S-3	6/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.67	11.74	315.93	NA	4.1
S-3	6/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	327.67	12.35	315.32	NA	2.8
S-3	6/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	327.67	12.51	315.16	NA	3.2
S-3	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	327.67	12.84	314.83	NA	1.0
S-3	3/7/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	327.67	12.42	315.25	NA	2.8
S-3	6/18/2001	<50	NA	0.66	1.1	<0.50	0.51	NA	0.66	NA	NA	NA	NA	NA	NA	327.67	13.74	313.93	NA	NA
S-3	9/17/2001	<50	NA	0.73	0.96	<0.50	0.61	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.25	314.42	NA	NA
S-3	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	12.38	315.29	NA	NA
S-3	3/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.16	314.51	NA	NA
S-3	6/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.55	314.12	NA	NA
S-3	9/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.40	13.32	314.08	NA	NA
S-3	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	<2.0	NA	327.40	12.55	314.85	NA	NA
S-3	3/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	327.40	12.71	314.69	NA	NA
S-3	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	12.27	315.13	NA	NA
S-3	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	327.40	14.10	313.30	NA	NA
S-3	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	14.64	312.76	NA	NA
S-3	1/6/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	15.11	312.29	NA	NA
S-3	4/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	14.36	313.04	NA	NA
S-3	7/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	14.21	313.19	NA	NA
S-3	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	14.03	313.37	NA	NA
S-3	1/6/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	327.40	14.08	313.32	NA	NA
S-3	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	<5.0	327.40	12.16	315.24	NA	NA
S-3	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	15.29	312.11	NA	NA
S-3	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	15.90	311.50	NA	NA
S-3	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	59.5	NA	<50.0	327.40	15.00	312.40	NA	NA
S-3	4/24/2006	<50.0	NA	0.610	0.640	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	13.0	NA	<50.0	327.40	12.03	315.37	NA	NA
S-3	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.40	12.35	315.05	NA	NA
S-3	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.40	12.46	314.94	NA	NA
S-3	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<10	NA	<150	327.40	13.05	314.35	NA	NA

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**3790 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)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	327.40	12.50	314.90	NA	NA
S-3	7/9/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	327.40	12.04	315.36	NA	NA
S-3	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	327.40	13.02	314.38	NA	NA
S-3	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	327.40	12.21	315.19	NA	NA
S-3	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	327.40	12.80	314.60	NA	NA
S-3	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	13	NA	170	327.40	13.25	314.15	NA	NA
S-4	2/14/1988	5,100	NA	160	8	730	730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	10/13/1988	530	NA	24	1	25	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	1/31/1989	1,100	NA	33	2	20	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	3/7/1989	650	NA	37	1	35	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	6/26/1989	670	NA	110	<1	85	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	9/8/1989	380	NA	32	<1	36	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	12/14/1989	210	NA	21	<0.5	30	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	3/5/1990	350	NA	43	<0.5	24	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	6/14/1990	430	NA	74	<0.5	71	46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	10/2/1990	700	NA	74	2.2	100	55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	12/18/1990	1,400	NA	180	2.9	280	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	3/20/1991	1,200	NA	100	<2.0	210	130	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	6/26/1991	220	NA	14	<0.5	34	17	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	9/5/1991	580	NA	31	0.8	53	26	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	12/13/1991	370	NA	24	0.9	1.3	46	NA	NA	NA	NA	NA	NA	NA	NA	328.53	15.20	313.33	NA	NA
S-4	3/11/1992	1,600	NA	23	1.2	12	20	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.37	314.16	NA	NA
S-4	6/24/1992	480	NA	48	<1.0	95	22	NA	NA	NA	NA	NA	NA	NA	NA	328.53	15.30	313.23	NA	NA
S-4	9/17/1992	260	NA	35	1.2	51	7.8	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA	NA
S-4	12/11/1992	270	NA	34	0.8	28	4.5	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.18	314.35	NA	NA
S-4	2/4/1993	1,100	NA	12	<5.0	89	100	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	6/3/1993	210	NA	48	1.1	42	4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	9/15/1993	700	NA	21	<1.0	110	91	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.86	314.67	NA	NA
S-4	12/9/1993	250	NA	39	<0.5	3.8	2.6	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.16	314.37	NA	NA
S-4	3/4/1994	150	NA	25	1.4	6.8	2.8	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-4 (D)	3/4/1994	140	NA	28	0.8	7.9	3.2	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA	NA
S-4	6/16/1994	90	NA	12	<0.5	1.8	2.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.14	314.39	NA	NA
S-4 (D)	6/16/1994	80	NA	5.9	<0.5	1.5	0.9	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.14	314.39	NA	NA
S-4	9/13/1994	<50	NA	23	<0.5	4.9	2.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA	NA
S-4 (D)	9/13/1994	<50	NA	23	<0.5	4	2.3	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA	NA
S-4	6/21/1995	270	NA	34	1.4	25	7.6	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.82	314.71	NA	NA
S-4 (D)	6/21/1995	280	NA	35	2.1	26	8.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.82	314.71	NA	NA
S-4	6/12/1996	360	NA	52	<0.5	<0.5	<0.5	92	NA	NA	NA	NA	NA	NA	NA	328.53	13.64	314.89	NA	NA
S-4 (D)	6/12/1996	430	NA	54	<1.2	72	21	96	NA	NA	NA	NA	NA	NA	NA	328.53	13.64	314.89	NA	NA
S-4	6/25/1997	6,700	NA	93	1,200	240	1,300	6,900	6,800	NA	NA	NA	NA	NA	NA	328.53	13.74	314.79	NA	0.6
S-4	6/19/1998	3,500	NA	56	15	140	670	2,100	NA	NA	NA	NA	NA	NA	NA	328.53	12.55	315.98	NA	0.8
S-4 (D)	6/19/1998	3,000	NA	51	14	110	530	2,000	NA	NA	NA	NA	NA	NA	NA	328.53	12.55	315.98	NA	0.8
S-4	6/17/1999	1,510	NA	28.4	9.84	176	132	1,780	NA	NA	NA	NA	NA	NA	NA	328.53	13.24	315.29	NA	4.8
S-4	6/15/2000	<500	NA	12.0	<5.00	31.0	22.8	12,200	NA	NA	NA	NA	NA	NA	NA	328.53	13.65	314.88	NA	2.1
S-4	11/29/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	12,100	NA	NA	NA	NA	NA	NA	NA	328.53	14.23	314.30	NA	1.8
S-4	3/7/2001	<500	NA	5.44	<5.00	6.49	<5.00	11,400	14,500	NA	NA	NA	NA	NA	NA	328.53	13.15	315.38	NA	2.4
S-4	6/18/2001	<1,000	NA	<10	<10	<10	<10	NA	3,500	NA	NA	NA	NA	NA	NA	328.53	13.81	314.72	NA	NA
S-4	9/17/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	7,700	NA	NA	NA	NA	NA	NA	328.53	14.29	314.24	NA	NA
S-4	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	NA	NA	NA	NA	NA	NA	328.53	13.44	315.09	NA	NA
S-4	3/13/2002	<2,500	NA	<25	<25	<25	<25	NA	18,000	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA	NA
S-4	6/18/2002	<100	NA	1.1	<1.0	<1.0	<1.0	NA	530	NA	NA	NA	NA	NA	NA	328.53	15.19	313.34	NA	NA
S-4	9/27/2002	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	1,100	NA	NA	NA	NA	NA	NA	328.11	14.32	313.79	NA	NA
S-4	12/27/2002	280	NA	3.5	<2.5	17	4.7	NA	390	<2.5	<2.5	<5.0	9,000	<2.5	NA	328.11	13.50	314.61	NA	NA
S-4	3/24/2003	<2,500	NA	<25	<25	<25	<50	NA	780	NA	NA	NA	NA	NA	NA	328.11	14.56	313.55	NA	NA
S-4	5/9/2003	<2,500	NA	<25	<25	<25	<50	NA	1,200	NA	NA	NA	18,000	NA	NA	328.11	13.20	314.91	NA	NA
S-4	7/8/2003	<2,500	NA	<25	<25	<25	<50	NA	1,700	NA	NA	NA	8,700	NA	NA	328.11	20.87	307.24	NA	NA
S-4	10/15/2003	<2,500	NA	<25	<25	<25	<50	NA	280	NA	NA	NA	11,000	NA	NA	328.11	16.15	311.96	NA	NA
S-4	1/6/2004	3,500	NA	<5.0	19	190	570	NA	58	NA	NA	NA	9,600	NA	NA	328.11	21.64	306.47	NA	NA
S-4	4/7/2004	<1,000	NA	<10	<10	<10	<20	NA	110	NA	NA	NA	9,900	NA	NA	328.11	20.89	307.22	NA	NA
S-4	7/27/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	10,000	NA	<1,000	328.11	20.78	307.33	NA	NA
S-4	10/29/2004	<1,000	NA	<10	<10	<10	<20	NA	110	<40	<40	<40	5,600	NA	<1,000	328.11	20.53	307.58	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-4	1/6/2005	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	6,500	NA	NA	328.11	20.44	307.67	NA	NA
S-4	4/14/2005	<250	NA	<2.5	<2.5	3.1	<2.5	NA	120	<2.5	<2.5	<2.5	6,000	NA	<25	328.11	18.60	309.51	NA	NA
S-4	7/29/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	4.4	<10	<10	<10	3,100	NA	<250	328.11	21.03	307.08	NA	NA
S-4	10/20/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	<2.5	<10	<10	<10	2,700	NA	<250	328.11	21.62	306.49	NA	NA
S-4	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.950	<0.500	<0.500	<0.500	723	NA	<50.0	328.11	21.10	307.01	NA	NA
S-4	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	79.4	<0.500	<0.500	<0.500	1,310	NA	<50.0	328.11	13.24	314.87	NA	NA
S-4	7/12/2006	<50.0	NA	4.42	<0.500	29.1	36.5	NA	230	<0.500	<0.500	0.930	1,530	NA	<50.0	328.11	13.45	314.66	NA	NA
S-4	10/20/2006	1,150	NA	5.30	0.990	41.5	2.79	NA	208	<0.500	<0.500	<0.500	2,160	NA	<50.0	328.11	13.63	314.48	NA	NA
S-4	1/22/2007	550	NA	4.8	<2.5	30	<5.0	NA	130	<5.0	<5.0	<5.0	3,000	NA	<750	328.11	14.32	313.79	NA	NA
S-4	4/13/2007	320 k,l	NA	0.48 m	<1.0	3.3	<1.0	NA	18	<2.0	<2.0	<2.0	390	NA	<100	328.11	13.68	314.43	NA	NA
S-4	7/9/2007	240 k	NA	1.5	0.32 m	6.9	<1.0	NA	59	<2.0	<2.0	<2.0	1,900	NA	<100	328.11	12.78	315.33	NA	NA
S-4	10/22/2007	170 k	NA	1.3 m	<5.0	3.8 m	<5.0	NA	36	<10	<10	<10	1,600	NA	<500	328.11	14.26	313.85	NA	NA
S-4	1/9/2008	85 k	NA	<2.5	<5.0	1.3 m	<5.0	NA	26	<10	<10	<10	1,700	NA	<500	328.11	13.40	314.71	NA	NA
S-4	4/11/2008	430	NA	<2.5	<5.0	<5.0	<5.0	NA	49	<10	<10	<10	3,100	NA	<500	328.11	14.00	314.11	NA	NA
S-4	7/29/2008	190	NA	1.1	<1.0	1.3	<1.0	NA	24	<2.0	<2.0	<2.0	1,500	NA	<100	328.11	14.64	313.47	NA	NA
S-5	2/14/1988	1,000	NA	40	86	180	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	10/13/1988	560	NA	66	20	18	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	1/31/1989	180	NA	27	8	9	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	3/7/1989	3,800	NA	520	530	260	570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	6/26/1989	<50	NA	3.8	<1	2	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	9/8/1989	110	NA	25	2	2	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	12/14/1989	1,700	NA	300	86	67	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	3/5/1990	1,100	NA	100	110	79	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	6/14/1990	600	NA	94	36	40	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	10/2/1990	4,500	NA	1,400	160	260	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	11/20/1990	16,000	NA	4,600	720	790	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	12/18/1990	25,000	NA	7,600	1,100	1,300	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	3/20/1991	310	NA	39	12	18	30	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	6/26/1991	1,300	NA	250	62	120	180	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	9/5/1991	4,700	NA	660	150	170	280	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA



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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-5	12/13/1991	1,400	NA	580	19	110	80	NA	NA	NA	NA	NA	NA	NA	NA	329.66	17.48	312.18	NA	NA
S-5	3/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.22	313.44	NA	NA
S-5	6/24/1992	1,800	NA	380	52	120	180	NA	NA	NA	NA	NA	NA	NA	NA	329.66	17.47	312.19	NA	NA
S-5	9/17/1992	2,200	NA	750	91	170	170	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.84	312.82	NA	NA
S-5	12/11/1992	8,700	NA	1,600	66	48	340	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.37	313.29	NA	NA
S-5	2/4/1993	150	NA	156	0.7	4.7	4	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	6/3/1993	480	NA	140	3.4	17	14	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	9/15/1993	80	NA	2.4	0.5	1.4	2.9	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.20	313.46	NA	NA
S-5	12/9/1993	120	NA	0.56	<0.5	2.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.26	313.40	NA	NA
S-5	3/4/1994	70	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.25	313.41	NA	NA
S-5	6/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.04	313.62	NA	NA
S-5	9/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	11.52	318.14	NA	NA
S-5	6/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	14.50	315.16	NA	NA
S-5	6/12/1996	<500	NA	6	<5.0	<5.0	<5.0	1,400	NA	NA	NA	NA	NA	NA	NA	329.66	12.53	317.13	NA	NA
S-5	6/25/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	1,100	NA	NA	NA	NA	NA	NA	NA	329.66	15.34	314.32	NA	1.1
S-5	6/19/1998	<50	NA	1	<0.50	<0.50	<0.50	61	NA	NA	NA	NA	NA	NA	NA	329.66	13.71	315.95	NA	3.6
S-5	6/17/1999	<50.0	NA	1.44	<0.500	<0.500	<0.500	336	NA	NA	NA	NA	NA	NA	NA	329.66	13.56	316.10	NA	1.4
S-5	6/15/2000	<50.0	NA	0.820	<0.500	<0.500	<0.500	221	NA	NA	NA	NA	NA	NA	NA	329.66	15.00	314.66	NA	2.7
S-5	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	183	NA	NA	NA	NA	NA	NA	NA	329.66	16.29	313.37	NA	0.7
S-5	3/7/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.55	NA	NA	NA	NA	NA	NA	NA	329.66	15.49	314.17	NA	2.5
S-5	6/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	11	NA	NA	NA	NA	NA	NA	329.66	15.50	314.16	NA	NA
S-5	9/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	NA	NA	329.66	16.35	313.31	NA	NA
S-5	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	329.66	12.80	316.86	NA	NA
S-5	3/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	93	NA	NA	NA	NA	NA	NA	329.66	16.32	313.34	NA	NA
S-5	6/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	329.66	17.00	312.66	NA	NA
S-5	9/27/2002	<50	NA	0.88	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	NA	NA	329.36	16.34	313.02	NA	NA
S-5	12/27/2002	<50	NA	1.9	<0.50	<0.50	<0.50	NA	87	<2.0	<2.0	<2.0	<50	<2.0	NA	329.36	15.45	313.91	NA	NA
S-5	3/24/2003	<250	NA	2.5	<2.5	<2.5	<5.0	NA	220	NA	NA	NA	NA	NA	NA	329.36	16.70	312.66	NA	NA
S-5	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	17	NA	NA	329.36	13.16	316.20	NA	NA
S-5	7/8/2003	<1,000	NA	<10	<10	<10	<20	NA	320	NA	NA	NA	<100	NA	NA	329.36	19.00	310.36	NA	NA
S-5	10/15/2003	1,400 e	NA	27	<2.5	<2.5	<5.0	NA	180	NA	NA	NA	51	NA	NA	329.36	19.08	310.28	NA	NA

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 3790 Hopyard Road  
 Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-5	1/6/2004	84,000	NA	1,400	1,200	<25	17,000	NA	140	NA	NA	NA	<250	NA	NA	329.36	20.97	308.39	NA	NA
S-5	4/7/2004	20,000	NA	70	<25	230	290	NA	66	NA	NA	NA	<250	NA	NA	329.36	20.81	308.55	NA	NA
S-5	7/27/2004	9,900	NA	46	<25	74	<50	NA	43	<100	<100	<100	<250	NA	<2,500	329.36	20.93	308.46	0.04	NA
S-5	8/4/2004	22,000	NA	48	<10	63	38	NA	NA	NA	NA	NA	NA	NA	NA	329.36	20.97	308.46	0.09	NA
S-5	10/29/2004	14,000	NA	93	<25	96	94	NA	<25	<100	<100	<100	<250	NA	<2,500	329.36	18.59	310.77	NA	NA
S-5	1/6/2005	4,500	NA	32	<10	47	86	NA	<10	<40	<40	<40	<100	NA	NA	329.36	18.83	310.53	NA	NA
S-5	4/14/2005	1,700	NA	1.0	<0.50	8.4	16	NA	5.6	<0.50	<0.50	<0.50	8.1	NA	<5.0	329.36	15.03	314.33	NA	NA
S-5	7/29/2005	3,900	NA	8.9	<2.5	9.8	13	NA	21	<10	<10	<40	<200	NA	<1,000	329.36	19.71	309.65	NA	NA
S-5	10/20/2005	3,300	NA	27	<2.5	9.1	14	NA	6.0	<10	<10	<10	32	NA	<250	329.36	21.90	307.46	NA	NA
S-5	11/11/2005	2,300	NA	54	0.69	15	19	NA	8.3	NA	NA	NA	<5.0	NA	NA	329.36	22.17	307.19	NA	NA
S-5	1/26/2006	6,680	NA	43.6	4.93	38.2	89.1	NA	8.38	<0.500	<0.500	<0.500	<10.0	NA	<50.0	329.36	20.85	308.51	NA	NA
S-5	4/24/2006	1,930	NA	1.43	<0.500	<0.500	12.1	NA	2.76	<0.500	<0.500	<0.500	<10.0	NA	<50.0	329.36	14.40	314.96	NA	NA
S-5	7/12/2006	<50.0	NA	4.24	<0.500	25.8	44.8	NA	6.43	<0.500	<0.500	<0.500	35.3	NA	<50.0	329.36	15.50	313.86	NA	NA
S-5	10/20/2006	2,890	NA	17.5	0.760	55.1	106	NA	3.78	<0.500	<0.500	<0.500	<10.0	NA	<50.0	329.36	15.55	313.81	NA	NA
S-5	1/22/2007	1,600	NA	7.3	0.54	35	60	NA	0.73 i	<1.0	<1.0	<1.0	<10	NA	<150	329.36	15.74	313.62	NA	NA
S-5	4/13/2007	1,100 k	NA	4.6	0.47 m	18	25.9	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	329.36	15.69	313.67	NA	NA
S-5	7/9/2007	440 k	NA	3.0	0.29 m	13	19.7	NA	2.8	<2.0	<2.0	<2.0	<10	NA	<100	329.36	15.46	313.90	NA	NA
S-5	10/22/2007	6,300 k	NA	3.1	0.41 m	21	28.3	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	329.36	15.87	313.49	NA	NA
S-5	1/9/2008	590 k	NA	0.69	0.28 m	10	11.3	NA	0.71 m	<2.0	<2.0	<2.0	<10	NA	100	329.36	14.97	314.39	NA	NA
S-5	4/11/2008	470	NA	0.76	<1.0	5.4	4.7	NA	4.9	<2.0	<2.0	<2.0	18	NA	<100	329.36	16.38	312.98	NA	NA
S-5	7/29/2008	350	NA	1.1	<1.0	3.9	2.3	NA	4.4	<2.0	<2.0	<2.0	18	NA	<100	329.36	16.22	313.14	NA	NA
S-5B	11/8/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	332.25	43.71	288.54	NA	NA
S-5B	11/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.5	NA	NA	NA	15	NA	NA	332.25	43.79	288.46	NA	NA
S-5B	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.63	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.25	38.21	294.04	NA	NA
S-5B	4/24/2006	<50.0	NA	0.540	1.18	<0.500	<0.500	NA	1.88	<0.500	<0.500	<0.500	12.2	NA	<50.0	332.25	30.68	301.57	NA	NA
S-5B	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.63	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.25	30.05	302.20	NA	NA
S-5B	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.04	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.25	31.60	300.65	NA	NA
S-5B	1/22/2007	<50	NA	0.33 i	0.36 i	0.27 i	<1.0	NA	0.90 i	<1.0	<1.0	<1.0	<10	NA	<150	332.25	27.79	304.46	NA	NA
S-5B	4/13/2007	<50 k	NA	0.30 m	0.28 m	<1.0	<1.0	NA	0.73 m	<2.0	<2.0	<2.0	<10	NA	79 m	332.25	24.78	307.47	NA	NA
S-5B	7/9/2007	<50 k	NA	0.37 m	<1.0	<1.0	<1.0	NA	0.49 m	<2.0	<2.0	<2.0	<10	NA	<100	332.25	31.12	301.13	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-5B	10/22/2007	66 k	NA	0.33 m	<1.0	<1.0	<1.0	NA	0.64 m	<2.0	<2.0	<2.0	5.7 m	NA	<100	332.25	29.64	302.61	NA	NA
S-5B	1/9/2008	<50 k	NA	0.29 m	<1.0	<1.0	<1.0	NA	0.46 m	<2.0	<2.0	<2.0	<10	NA	220	332.25	25.52	306.73	NA	NA
S-5B	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	332.25	25.32	306.93	NA	NA
S-5B	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	100	332.25	32.33	299.92	NA	NA
S-5C	11/8/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	332.33	43.69	288.64	NA	NA
S-5C	11/11/2005	55	NA	<0.50	0.67	<0.50	<1.0	NA	0.87	NA	NA	NA	<5.0	NA	NA	332.33	43.65	288.68	NA	NA
S-5C	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.91	<0.500	<0.500	<0.500	41.2	NA	<50.0	332.33	38.11	294.22	NA	NA
S-5C	4/24/2006	<50.0	NA	0.740	<0.500	<0.500	<0.500	NA	1.93	<0.500	<0.500	<0.500	17.8	NA	<50.0	332.33	30.61	301.72	NA	NA
S-5C	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.42	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.33	30.07	302.26	NA	NA
S-5C	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.33	31.67	300.66	NA	NA
S-5C	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<1.0	<1.0	<1.0	<1.0	9.0 h,i	NA	<150	332.33	27.90	304.43	NA	NA
S-5C	4/13/2007	<50 k	NA	0.24 m	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	12	NA	<100	332.33	24.90	307.43	NA	NA
S-5C	7/9/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	5.5 m	NA	<100	332.33	31.22	301.11	NA	NA
S-5C	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	10	NA	<100	332.33	29.59	302.74	NA	NA
S-5C	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	8.8 m	NA	<100	332.33	25.51	306.82	NA	NA
S-5C	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	332.33	25.51	306.82	NA	NA
S-5C	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	332.33	32.48	299.85	NA	NA
S-6	10/13/1988	1100	NA	13.0	1	42	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	1/31/1989	340	NA	3.8	<1	8	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	3/7/1989	190	NA	3.8	<1	7	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	6/26/1989	480	NA	15	<1	6	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	9/8/1989	270	NA	1.3	1	7	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	12/15/1989	320	NA	1.0	<0.5	2.6	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	3/6/1990	420	NA	3.1	<0.5	14	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	6/14/1990	370	NA	3.7	0.9	4.8	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	10/2/1990	190	NA	6.6	1.6	1.9	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	12/18/1990	430	NA	10	0.7	1.6	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	3/20/1991	130a	NA	606	0.6	0.7	3	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA	NA
S-6	6/26/1991	120a	NA	3.8	0.8	<0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA	NA

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Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-6	9/5/1991	60	NA	<0.5	0.8	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA	NA
S-6	12/13/1991	150	NA	2.3	<0.5	<0.5	150	NA	NA	NA	NA	NA	NA	NA	NA	327.62	15.11	312.51	NA	NA
S-6	3/11/1992	<30	NA	<0.3	<0.3	<0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	327.62	16.35	311.27	NA	NA
S-6	6/24/1992	170	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	16.51	311.11	NA	NA
S-6	9/17/1992	190	NA	<0.5	1.6	<0.5	1.2	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.33	313.29	NA	NA
S-6	12/11/1992	180	NA	<0.5	0.8	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.48	313.14	NA	NA
S-6	2/4/1993	290	NA	<0.5	<0.5	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA	NA
S-6	6/3/1993	100	NA	1.2	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA	NA
S-6	9/15/1993	160	NA	1.4	<0.5	0.9	2	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.16	313.46	NA	NA
S-6	12/9/1993	130	NA	2.3	2.6	5.1	6.2	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.68	312.94	NA	NA
S-6	3/4/1994	220	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.42	313.20	NA	NA
S-6	6/16/1994	60	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.92	312.70	NA	NA
S-6	9/13/1994	<50	NA	<0.5	6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.72	312.90	NA	NA
S-6	6/21/1995	270	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	13.86	313.76	NA	NA
S-6	6/12/1996	200	NA	2	<0.5	<0.5	<0.5	12	NA	NA	NA	NA	NA	NA	NA	327.62	13.90	313.72	NA	NA
S-6	6/25/1997	180	NA	<0.50	0.61	<0.50	0.77	28	NA	NA	NA	NA	NA	NA	NA	327.62	13.64	313.98	NA	1.8
S-6 (D)	6/25/1997	130	NA	<0.50	<0.50	<0.50	<0.50	21	NA	NA	NA	NA	NA	NA	NA	327.62	13.64	313.98	NA	1.8
S-6	6/19/1998	100	NA	7.6	<0.50	<0.50	<0.50	27	NA	NA	NA	NA	NA	NA	NA	327.62	13.81	313.81	NA	1.7
S-6	6/17/1999	114	NA	4.14	<0.500	<0.500	<0.500	19.9	NA	NA	NA	NA	NA	NA	NA	327.62	14.21	313.41	NA	1.6
S-6	6/15/2000	367	NA	17.5	<0.500	<0.500	<0.500	1,050	NA	NA	NA	NA	NA	NA	NA	327.62	14.51	313.11	NA	1.8
S-6	11/29/2000	154	NA	0.754	16.4	<0.500	1.05	5,470	NA	NA	NA	NA	NA	NA	NA	327.62	14.32	313.30	NA	2.1
S-6	3/7/2001	183	NA	0.971	25.1	0.636	0.996	6,830	NA	NA	NA	NA	NA	NA	NA	327.62	15.39	312.23	NA	1.7
S-6	6/18/2001	<2,000	NA	<20	<20	<20	<20	NA	8,200	NA	NA	NA	NA	NA	NA	327.62	14.72	312.90	NA	NA
S-6	09/17/2001 c	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.7	<2.0	<2.0	<2.0	<50	NA	<500	327.62	16.69	310.93	NA	NA
S-6	12/31/2001	260	NA	<0.50	<0.50	<0.50	<0.50	NA	11,000	NA	NA	NA	NA	NA	NA	327.62	13.99	313.63	NA	NA
S-6	3/13/2002	440	NA	<2.5	<2.5	<2.5	<2.5	NA	930	NA	NA	NA	NA	NA	NA	327.62	15.10	312.52	NA	NA
S-6	6/18/2002	340	NA	<1.0	<1.0	<1.0	<1.0	NA	560	NA	NA	NA	NA	NA	NA	327.62	15.24	312.38	NA	NA
S-6	9/27/2002	<250	NA	<2.5	<2.5	<2.5	<2.5	NA	580	NA	NA	NA	NA	NA	NA	327.26	14.34	312.92	NA	NA
S-6	12/27/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	230	<5.0	<5.0	<5.0	10,000	<5.0	NA	327.26	14.30	312.96	NA	NA
S-6	3/24/2003	<5,000	NA	<50	<50	<50	<100	NA	<500	NA	NA	NA	NA	NA	NA	327.26	14.37	312.89	NA	NA
S-6	5/9/2003	<2,500	NA	<25	<25	<25	<50	NA	140	NA	NA	NA	12,000	NA	NA	327.26	14.25	313.01	NA	NA

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 3790 Hopyard Road  
 Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-6	7/8/2003	<2,500	NA	<25	<25	<25	<50	NA	100	NA	NA	NA	8,400	NA	NA	327.26	15.37	311.89	NA	NA
S-6	10/15/2003	<1,000	NA	<10	<10	<10	<20	NA	63	NA	NA	NA	10,000	NA	NA	327.26	17.69	309.57	NA	NA
S-6	1/6/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	27	NA	NA	NA	7,600	NA	NA	327.26	17.19	310.07	NA	NA
S-6	4/7/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	15	NA	NA	NA	2,900	NA	NA	327.26	16.72	310.54	NA	NA
S-6	7/27/2004	860 e	NA	<5.0	<5.0	<5.0	<10	NA	30	<20	<20	<20	5,700	NA	<500	327.26	16.90	310.36	NA	NA
S-6	10/29/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	14	<20	<20	<20	2,500	NA	<500	327.26	16.68	310.58	NA	NA
S-6	1/6/2005	<200	NA	<2.0	<2.0	<2.0	<4.0	NA	8.7	<8.0	<8.0	<8.0	1,200	NA	NA	327.26	16.75	310.51	NA	NA
S-6	4/14/2005	180	NA	<0.90	<0.90	<0.90	<0.90	NA	11	<0.90	<0.90	<0.90	2,300	NA	<9.0	327.26	15.30	311.96	NA	NA
S-6	7/29/2005	270 g	NA	<2.5	<2.5	<2.5	<5.0	NA	17	<10	<10	<10	2,300	NA	<250	327.26	16.77	310.49	NA	NA
S-6	10/20/2005	570	NA	<2.5	<2.5	<2.5	<5.0	NA	7.1	<10	<10	<10	1,200	NA	<250	327.26	17.30	309.96	NA	NA
S-6	1/26/2006	808	NA	<0.500	<0.500	<0.500	<0.500	NA	5.07	<0.500	<0.500	<0.500	473	NA	<50.0	327.26	17.00	310.26	NA	NA
S-6	4/24/2006	303	NA	<0.500	<0.500	<0.500	<0.500	NA	4.03	<0.500	<0.500	<0.500	212	NA	<50.0	327.26	15.42	311.84	NA	NA
S-6	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	13.3	<0.500	<0.500	<0.500	609	NA	<50.0	327.26	15.15	312.11	NA	NA
S-6	10/20/2006	850	NA	<0.500	<0.500	<0.500	<0.500	NA	26.4	<0.500	<0.500	<0.500	1,050	NA	<50.0	327.26	13.98	313.28	NA	NA
S-6	1/22/2007	620	NA	<2.0	<2.0	<2.0	<4.0	NA	30	<4.0	<4.0	<4.0	2,000	NA	<600	327.26	14.14	313.12	NA	NA
S-6	4/13/2007	490 k,l	NA	<2.5	<5.0	<5.0	<5.0	NA	21	<10	<10	<10	1,700	NA	<500	327.26	14.35	312.91	NA	NA
S-6	7/9/2007	830 k,l	NA	<0.50	<1.0	<1.0	<1.0	NA	29	<2.0	<2.0	<2.0	2,300	NA	<100	327.26	14.22	313.04	NA	NA
S-6	10/22/2007	810 k	NA	<2.5	<5.0	<5.0	<5.0	NA	26	<10	<10	<10	2,300	NA	<500	327.26	14.72	312.54	NA	NA
S-6	1/9/2008	220 k	NA	<2.5	<5.0	<5.0	<5.0	NA	15	<10	<10	<10	1,100	NA	<500	327.26	14.97	312.29	NA	NA
S-6	4/11/2008	590	NA	<0.50	<1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	2,000	NA	<100	327.26	14.70	312.56	NA	NA
S-6	7/29/2008	1,100	NA	<2.5	<5.0	<5.0	<5.0	NA	15	<10	<10	<10	1,700	NA	<500	327.26	15.84	311.42	NA	NA
S-7	10/13/1988	<50	NA	0.6	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	1/31/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	3/7/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	6/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	9/8/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	12/15/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	3/6/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	6/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	10/2/1990	<50	NA	<0.5	0.6	<0.5	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-7	12/18/1990	<50	NA	0.5	<0.5	<0.5	0.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	3/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	6/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	9/5/1991	<50	NA	<0.5	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	12/13/1991	<50	NA	<0.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.70	310.97	NA	NA
S-7	3/11/1992	<50	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.06	311.61	NA	NA
S-7	6/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.80	310.87	NA	NA
S-7	9/17/1992	<50	NA	0.6	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.00	311.67	NA	NA
S-7	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.35	311.32	NA	NA
S-7	2/4/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	6/3/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	9/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.65	312.02	NA	NA
S-7	12/9/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	9/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.83	311.84	NA	NA
S-7	6/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	15.88	312.79	NA	NA
S-7	6/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	16.22	312.45	NA	NA
S-7	6/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	16.12	312.55	NA	3
S-7	6/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	14.81	313.86	NA	2.6
S-7	6/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	328.67	15.91	312.76	NA	5.1
S-7	6/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.32	NA	NA	NA	NA	NA	NA	NA	328.67	16.14	312.53	NA	2.0
S-7	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	328.67	16.89	311.78	NA	3.6
S-7	3/7/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	328.67	16.55	312.12	NA	2.1
S-7	6/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	2.5	NA	NA	NA	NA	NA	NA	328.67	16.30	312.37	NA	NA
S-7	09/17/2001 c	150	NA	<0.50	55	<0.50	<0.50	NA	8,300	NA	NA	NA	NA	NA	NA	328.67	14.23	314.44	NA	NA
S-7	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	328.67	16.28	312.39	NA	NA
S-7	3/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.9	NA	NA	NA	NA	NA	NA	328.67	17.41	311.26	NA	NA
S-7	6/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	12	NA	NA	NA	NA	NA	NA	328.67	17.63	311.04	NA	NA
S-7	9/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	10	NA	NA	NA	NA	NA	NA	328.41	16.96	311.45	NA	NA
S-7	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	22	<2.0	<2.0	<2.0	<50	4.1	NA	328.41	16.00	312.41	NA	NA
S-7	3/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	NA	NA	NA	328.41	17.12	311.29	NA	NA
S-7	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	7.3	NA	NA	328.41	16.14	312.27	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-7	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	36	NA	NA	NA	6.5	NA	NA	328.41	17.42	310.99	NA	NA
S-7	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	NA	NA	NA	<5.0	NA	NA	328.41	15.49	312.92	NA	NA
S-7	1/6/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	200	NA	NA	NA	20	NA	NA	328.41	18.93	309.48	NA	NA
S-7	4/7/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	380	NA	NA	NA	130	NA	NA	328.41	18.93	309.48	NA	NA
S-7	7/27/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	240	<10	<10	<10	45	NA	<250	328.41	18.91	309.50	NA	NA
S-7	10/29/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	270	<10	<10	<10	52	NA	<250	328.41	18.65	309.76	NA	NA
S-7	1/6/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	160	<10	<10	<10	<25	NA	NA	328.41	18.52	309.89	NA	NA
S-7	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	230	<0.50	<0.50	<0.50	130	NA	<5.0	328.41	16.22	312.19	NA	NA
S-7	7/29/2005	<2,000	NA	<20	<20	<20	<40	NA	170	<80	<80	<80	<200	NA	<2,000	328.41	18.57	309.84	NA	NA
S-7	10/20/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	180	<4.0	<4.0	<4.0	32	NA	<100	328.41	19.25	309.16	NA	NA
S-7	1/26/2006	75.9	NA	<0.500	<0.500	<0.500	<0.500	NA	172	<0.500	<0.500	<0.500	65.1	NA	<50.0	328.41	19.05	309.36	NA	NA
S-7	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	199	<0.500	<0.500	<0.500	22.6	NA	<50.0	328.41	16.91	311.50	NA	NA
S-7	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	122	<0.500	<0.500	<0.500	<10.0	NA	<50.0	328.41	16.42	311.99	NA	NA
S-7	10/20/2006	176	NA	<0.500	<0.500	<0.500	0.720	NA	73.5	<0.500	<0.500	<0.500	<10.0	NA	<50.0	328.41	16.66	311.75	NA	NA
S-7	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	62	<1.0	<1.0	<1.0	6.2 h,i	NA	<150	328.41	17.24	311.17	NA	NA
S-7	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	6.5	<2.0	<2.0	<2.0	<10	NA	<100	328.41	17.05	311.36	NA	NA
S-7	7/9/2007	52 k,l	NA	<0.50	<1.0	<1.0	<1.0	NA	39	<2.0	<2.0	<2.0	<10	NA	<100	328.41	16.52	311.89	NA	NA
S-7	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	33	<2.0	<2.0	<2.0	<10	NA	<100	328.41	17.03	311.38	NA	NA
S-7	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	28	<2.0	<2.0	<2.0	<10	NA	<100	328.41	17.00	311.41	NA	NA
S-7	4/11/2008	370	NA	<0.50	<1.0	1.2	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	328.41	16.71	311.70	NA	NA
S-7	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	21	<2.0	<2.0	<2.0	<10	NA	<100	328.41	17.35	311.06	NA	NA
S-8	3/7/1989	<50	NA	1.2	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	6/26/1989	<50	NA	0.8	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	9/8/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	12/14/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	3/5/1990	<50	NA	<0.5	0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	6/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	10/2/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	12/18/1990	<50	NA	2.9	7.0	1.0	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	3/20/1991	<50a	NA	0.8	1.8	2.6	5.2	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	6/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	9/5/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.73	311.27	NA	NA
S-8	3/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.64	312.36	NA	NA
S-8	6/24/1992	<50	NA	1.4	1.9	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.77	311.23	NA	NA
S-8	9/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.37	311.63	NA	NA
S-8	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.94	312.06	NA	NA
S-8	2/4/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	6/3/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	9/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.91	312.09	NA	NA
S-8	12/9/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	9/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.16	313.08	NA	NA
S-8	6/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.11	312.89	NA	NA
S-8	6/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	14.20	312.80	NA	NA
S-8	6/25/1997	170	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	14.42	312.58	NA	0.5
S-8	6/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	13.49	313.51	NA	2.2
S-8	6/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	327.00	14.07	312.93	NA	0.9
S-8	6/15/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	6/21/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	21.0	NA	NA	NA	NA	NA	NA	NA	327.00	14.43	312.57	NA	NA
S-8	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	9.46	NA	NA	NA	NA	NA	NA	NA	327.00	14.44	312.56	NA	2.2
S-8	3/7/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4.21	NA	NA	NA	NA	NA	NA	NA	327.00	13.69	313.31	NA	2.1
S-8	6/18/2001	<50	NA	0.55	0.92	<0.50	0.51	NA	13	NA	NA	NA	NA	NA	NA	327.00	14.60	312.40	NA	NA
S-8	9/17/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.07	311.93	NA	NA
S-8	9/18/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	12/31/2001	<50	NA	1.1	1.4	<0.50	<0.50	NA	8.4	NA	NA	NA	NA	NA	NA	327.00	14.02	312.98	NA	NA
S-8	3/13/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.92	312.08	NA	NA
S-8	6/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	NA	NA	327.00	15.37	311.63	NA	NA
S-8	9/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	NA	NA	326.14	14.60	311.54	NA	NA
S-8	12/27/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.14	NA	NA	NA	NA
S-8	1/7/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.14	NA	NA	NA	NA
S-8	3/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	NA	NA	NA	326.14	14.58	311.56	NA	NA



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 Shell-branded Service Station  
 3790 Hopyard Road  
 Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	<5.0	NA	NA	326.14	13.45	312.69	NA	NA
S-8	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	46	NA	NA	NA	<5.0	NA	NA	326.14	15.19	310.95	NA	NA
S-8	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	42	NA	NA	NA	<5.0	NA	NA	326.14	16.58	309.56	NA	NA
S-8	1/6/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	50	NA	NA	NA	<5.0	NA	NA	326.14	16.27	309.87	NA	NA
S-8	4/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	33	NA	NA	NA	<5.0	NA	NA	326.14	16.12	310.02	NA	NA
S-8	7/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	18	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	16.26	309.88	NA	NA
S-8	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	15.93	310.21	NA	NA
S-8	1/6/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	21	<2.0	<2.0	<2.0	<5.0	NA	NA	326.14	15.79	310.35	NA	NA
S-8	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	11	<0.50	<0.50	<0.50	<5.0	NA	<5.0	326.14	14.78	311.36	NA	NA
S-8	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	13	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	16.51	309.63	NA	NA
S-8	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	17.38	308.76	NA	NA
S-8	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	9.65	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	16.55	309.59	NA	NA
S-8	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	5.94	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.18	311.96	NA	NA
S-8	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	7.00	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.52	311.62	NA	NA
S-8	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	8.54	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.30	311.84	NA	NA
S-8	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<1.0	<1.0	<1.0	<10	NA	<150	326.14	15.07	311.07	NA	NA
S-8	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	9.0	<2.0	<2.0	<2.0	<10	NA	<100	326.14	14.31	311.83	NA	NA
S-8	7/9/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	12	<2.0	<2.0	<2.0	<10	NA	<100	326.14	14.38	311.76	NA	NA
S-8	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	22	<2.0	<2.0	<2.0	<10	NA	<100	326.14	14.50	311.64	NA	NA
S-8	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	14	<2.0	<2.0	<2.0	<10	NA	180	326.14	13.88	312.26	NA	NA
S-8	4/11/2008	51	NA	<0.50	<1.0	<1.0	<1.0	NA	25	<2.0	<2.0	<2.0	<10	NA	<100	326.14	14.46	311.68	NA	NA
S-8	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	14	<2.0	<2.0	<2.0	<10	NA	<100	326.14	15.45	310.69	NA	NA
S-9	3/7/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	6/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	9/8/1989	<50	NA	1.7	2	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/15/1989	<50	NA	0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	3/6/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	6/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	10/2/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/18/1990	<50	NA	20	27	7.1	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	3/7/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	6/26/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	9/8/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/15/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	3/6/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	6/14/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/2/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/18/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	3/20/1991	70a	NA	0.7	0.7	<0.5	1	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	6/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	9/5/1991	<50	NA	<0.5	0.8	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	18.18	310.06	NA	NA
S-9	3/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.37	310.87	NA	NA
S-9	6/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	18.45	309.79	NA	NA
S-9	9/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.88	310.36	NA	NA
S-9	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.34	310.90	NA	NA
S-9	2/4/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	6/3/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	9/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.42	310.82	NA	NA
S-9	12/9/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	16.89	311.35	NA	NA
S-9	3/4/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.22	311.02	NA	NA
S-9	6/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.46	310.78	NA	NA
S-9	9/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.59	310.65	NA	NA
S-9	6/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.03	311.21	NA	NA
S-9	6/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	328.24	16.76	311.48	NA	NA
S-9	6/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.8	NA	NA	NA	NA	NA	NA	NA	328.24	16.89	311.35	NA	1
S-9	6/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	7.1	NA	NA	NA	NA	NA	NA	NA	328.24	15.59	312.65	NA	3.8
S-9	6/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	15.3	NA	NA	NA	NA	NA	NA	NA	328.24	16.47	311.77	NA	1.9
S-9	6/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	57.2	NA	NA	NA	NA	NA	NA	NA	328.24	16.11	312.13	NA	1.1
S-9	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	76.5	NA	NA	NA	NA	NA	NA	NA	328.24	17.30	310.94	NA	1.1
S-9	3/7/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	84.9	NA	NA	NA	NA	NA	NA	NA	328.24	19.42	308.82	NA	1.1

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	6/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	86	NA	NA	NA	NA	NA	NA	328.24	17.22	311.02	NA	NA
S-9	9/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	328.24	17.66	310.58	NA	NA
S-9	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	NA	NA	NA	NA	NA	328.24	17.65	310.59	NA	NA
S-9	3/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	328.24	17.75	310.49	NA	NA
S-9	6/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	160	NA	NA	NA	NA	NA	NA	328.24	19.59	308.65	NA	NA
S-9	9/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	180	NA	NA	NA	NA	NA	NA	327.85	17.65	310.20	NA	NA
S-9	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	180	<2.0	<2.0	<2.0	<50	2.8	NA	327.85	18.45	309.40	NA	NA
S-9	3/24/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	230	NA	NA	NA	NA	NA	NA	327.85	17.97	309.88	NA	NA
S-9	5/9/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	240	NA	NA	NA	<25	NA	NA	327.85	17.68	310.17	NA	NA
S-9	7/8/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	<25	NA	NA	327.85	17.65	310.20	NA	NA
S-9	10/15/2003	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	210	NA	NA	NA	<10	NA	NA	327.85	19.49	308.36	NA	NA
S-9	1/6/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	290	NA	NA	NA	<10	NA	NA	327.85	20.51	307.34	NA	NA
S-9	4/7/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	250	NA	NA	NA	<10	NA	NA	327.85	20.02	307.83	NA	NA
S-9	7/27/2004	<250	NA	<2.5	9.1	2.7	9.8	NA	270	<10	<10	<10	<25	NA	<250	327.85	19.89	307.96	NA	NA
S-9	10/29/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	240	<4.0	<4.0	<4.0	<10	NA	<100	327.85	19.17	308.68	NA	NA
S-9	1/6/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	340	<10	<10	<10	<25	NA	NA	327.85	19.65	308.20	NA	NA
S-9	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	250	<0.50	<0.50	1.4	<5.0	NA	<5.0	327.85	17.38	310.47	NA	NA
S-9	7/29/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	250	<4.0	<4.0	<4.0	<10	NA	<100	327.85	20.09	307.76	NA	NA
S-9	10/20/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	200	<4.0	<4.0	<4.0	<10	NA	<100	327.85	21.89	305.96	NA	NA
S-9	11/11/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	220	NA	NA	NA	25	NA	NA	327.85	20.41	307.44	NA	NA
S-9	1/26/2006	55.7	NA	<0.500	<0.500	<0.500	<0.500	NA	174	<0.500	<0.500	2.50	<10.0	NA	<50.0	327.85	20.56	307.29	NA	NA
S-9	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	202	<0.500	<0.500	2.29	<10.0	NA	<50.0	327.85	18.39	309.46	NA	NA
S-9	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	158.00	<0.500	<0.500	2.06	<10.0	NA	<50.0	327.85	18.60	309.25	NA	NA
S-9	10/20/2006	212	NA	<0.500	<0.500	<0.500	<0.500	NA	151	<0.500	<0.500	1.25	<10.0	NA	<50.0	327.85	18.75	309.10	NA	NA
S-9	1/22/2007	82 j	NA	<0.50	<0.50	<0.50	<1.0	NA	150	<1.0	<1.0	1.4	20 h	NA	<150	327.85	17.92	309.93	NA	NA
S-9	4/13/2007	70 k,l	NA	<0.50	<1.0	<1.0	<1.0	NA	140	<2.0	<2.0	1.0 m	26	NA	<100	327.85	18.14	309.71	NA	NA
S-9	7/9/2007	70 k,l	NA	<0.50	<1.0	<1.0	<1.0	NA	120	<2.0	<2.0	1.2 m	<10	NA	<100	327.85	18.37	309.48	NA	NA
S-9	10/22/2007	59 k,l	NA	<0.50	<1.0	<1.0	<1.0	NA	110	<2.0	<2.0	<2.0	8.2 m	NA	<100	327.85	18.08	309.77	NA	NA
S-9	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	73	<2.0	<2.0	<2.0	<10	NA	130	327.85	17.20	310.65	NA	NA
S-9	4/11/2008	73	NA	<0.50	<1.0	<1.0	<1.0	NA	55	<2.0	<2.0	<2.0	<10	NA	<100	327.85	17.74	310.11	NA	NA
S-9	7/29/2008	85	NA	<0.50	<1.0	<1.0	<1.0	NA	45	<2.0	<2.0	<2.0	<10	NA	230	327.85	18.33	309.52	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9B	11/8/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.47	43.12	287.35	NA	NA
S-9B	11/11/2005	<50	NA	<0.50	2.0	<0.50	<1.0	NA	23	NA	NA	NA	<5.0	NA	NA	330.47	45.25	285.22	NA	NA
S-9B	1/26/2006	<50.0	NA	<0.500	1.68	<0.500	<0.500	NA	20.6	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	38.19	292.28	NA	NA
S-9B	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	10.5	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	30.31	300.16	NA	NA
S-9B	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	4.98	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	29.01	301.46	NA	NA
S-9B	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	5.89	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	31.25	299.22	NA	NA
S-9B	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.9	<1.0	<1.0	<1.0	<10	NA	<150	330.47	26.78	303.69	NA	NA
S-9B	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	3.5	<2.0	<2.0	<2.0	<10	NA	<100	330.47	23.51	306.96	NA	NA
S-9B	7/9/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	3.0	<2.0	<2.0	<2.0	<10	NA	<100	330.47	30.15	300.32	NA	NA
S-9B	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	5.8	<2.0	<2.0	<2.0	<10	NA	<100	330.47	28.44	302.03	NA	NA
S-9B	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	2.9	<2.0	<2.0	<2.0	<10	NA	190	330.47	24.22	306.25	NA	NA
S-9B	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	3.1	<2.0	<2.0	<2.0	<10	NA	<100	330.47	24.20	306.27	NA	NA
S-9B	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	4.1	<2.0	<2.0	<2.0	<10	NA	<100	330.47	31.69	298.78	NA	NA
S-9C	11/8/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.77	40.80	289.97	NA	NA
S-9C	11/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	10	NA	NA	NA	<5.0	NA	NA	330.77	42.87	287.90	NA	NA
S-9C	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	7.05	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	37.40	293.37	NA	NA
S-9C	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	4.86	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	28.04	302.73	NA	NA
S-9C	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	1.94	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	28.96	301.81	NA	NA
S-9C	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.06	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	30.47	300.30	NA	NA
S-9C	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.64 i	<1.0	<1.0	<1.0	<10	NA	<150	330.77	26.52	304.25	NA	NA
S-9C	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	0.54 m	<2.0	<2.0	<2.0	<10	NA	<100	330.77	23.70	307.07	NA	NA
S-9C	7/9/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	0.34 m	<2.0	<2.0	<2.0	<10	NA	<100	330.77	30.28	300.49	NA	NA
S-9C	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	0.33 m	<2.0	<2.0	<2.0	<10	NA	<100	330.77	17.03	313.74	NA	NA
S-9C	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	150	330.77	24.20	306.57	NA	NA
S-9C	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	330.77	24.25	306.52	NA	NA
S-9C	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	330.77	31.55	299.22	NA	NA
S-10	8/11/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	9/8/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-10	12/15/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	3/6/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	6/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	10/2/1990	<50	NA	<0.5	<0.5	<0.5	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	12/18/1990	<50	NA	<0.5	<0.5	<0.5	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	3/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA	NA
S-10	6/26/1991	50	NA	1.8	5.8	1.9	13	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA	NA
S-10	9/5/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA	NA
S-10	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.77	311.78	NA	NA
S-10	3/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.16	312.39	NA	NA
S-10	6/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.83	311.72	NA	NA
S-10	9/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.85	312.70	NA	NA
S-10	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.90	312.65	NA	NA
S-10	2/4/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA	NA
S-10	6/3/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA	NA
S-10	9/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.66	312.89	NA	NA
S-10	12/9/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA	NA
S-10	9/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.84	312.71	NA	NA
S-10	6/21/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.08	313.47	NA	NA
S-10	6/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	326.55	13.34	313.21	NA	NA
S-10	6/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.8	NA	NA	NA	NA	NA	NA	NA	326.55	13.28	313.27	NA	2.4
S-10	6/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	326.55	12.41	314.14	NA	1.8
S-10	6/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	326.55	12.81	313.74	NA	2.0
S-10	6/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	326.55	13.27	313.28	NA	2.1
S-10	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	326.55	13.98	312.57	NA	2.4
S-10	3/7/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	326.55	13.40	313.15	NA	2.5
S-10	6/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	3.7	NA	NA	NA	NA	NA	NA	326.55	13.29	313.26	NA	NA
S-10	9/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	13.61	312.94	NA	NA
S-10	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	13.48	313.07	NA	NA
S-10	3/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	14.66	311.89	NA	NA
S-10	6/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	14.59	311.96	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-10	9/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	325.87	13.21	312.66	NA	NA
S-10	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	<2.0	NA	325.87	13.50	312.37	NA	NA
S-10	3/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	325.87	16.60	309.27	NA	NA
S-10	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	325.87	13.07	312.80	NA	NA
S-10	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	325.87	14.10	311.77	NA	NA
S-10	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.69	NA	NA	NA	<5.0	NA	NA	325.87	14.75	311.12	NA	NA
S-10	1/6/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.51	NA	NA	NA	<5.0	NA	NA	325.87	15.28	310.59	NA	NA
S-10	4/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	325.87	15.39	310.48	NA	NA
S-10	7/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	325.87	15.25	310.62	NA	NA
S-10	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	325.87	15.23	310.64	NA	NA
S-10	1/6/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	325.87	15.47	310.40	NA	NA
S-10	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	<5.0	325.87	13.24	312.63	NA	NA
S-10	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	325.87	15.08	310.79	NA	NA
S-10	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	325.87	15.45	310.42	NA	NA
S-10	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	325.87	14.85	311.02	NA	NA
S-10	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	325.87	13.90	311.97	NA	NA
S-10	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	325.87	13.00	312.87	NA	NA
S-10	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	325.87	13.15	312.72	NA	NA
S-10	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<10	NA	<150	325.87	14.45	311.42	NA	NA
S-10	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	325.87	15.49	310.38	NA	NA
S-10	7/9/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	325.87	14.00	311.87	NA	NA
S-10	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	325.87	14.11	311.76	NA	NA
S-10	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	325.87	14.08	311.79	NA	NA
S-10	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	325.87	14.38	311.49	NA	NA
S-10	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	14	NA	320	325.87	14.50	311.37	NA	NA
S-11	9/23/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.93	NA	NA	NA
S-11	9/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	16.95	NA	NA	NA
S-11	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	<2.0	NA	327.48	16.40	311.08	NA	NA
S-11	3/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	327.48	17.25	310.23	NA	NA
S-11	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.54	NA	NA	NA	<5.0	NA	NA	327.48	16.37	311.11	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-11	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.48	17.17	310.31	NA	NA
S-11	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.48	18.01	309.47	NA	NA
S-11	1/6/2004	<50	NA	<0.50	1.4	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	327.48	18.25	309.23	NA	NA
S-11	4/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	<5.0	NA	NA	327.48	18.48	309.00	NA	NA
S-11	7/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.3	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	18.49	308.99	NA	NA
S-11	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.7	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	18.22	309.26	NA	NA
S-11	1/6/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	15	<2.0	<2.0	<2.0	<5.0	NA	NA	327.48	18.07	309.41	NA	NA
S-11	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	10	<0.50	<0.50	<0.50	<5.0	NA	<5.0	327.48	16.28	311.20	NA	NA
S-11	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	19	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	17.98	309.50	NA	NA
S-11	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	24	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	18.45	309.03	NA	NA
S-11	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	27.7	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	18.50	308.98	NA	NA
S-11	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	41.0	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	16.61	310.87	NA	NA
S-11	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	33.3	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	16.44	311.04	NA	NA
S-11	10/20/2006	53.5	NA	<0.500	<0.500	<0.500	<0.500	NA	38.2	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	16.61	310.87	NA	NA
S-11	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	61	<1.0	<1.0	<1.0	6.1 h,i	NA	<150	327.48	17.27	310.21	NA	NA
S-11	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	60	<2.0	<2.0	<2.0	<10	NA	<100	327.48	6.88	320.60	NA	NA
S-11	7/9/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	59	<2.0	<2.0	<2.0	<10	NA	<100	327.48	16.84	310.64	NA	NA
S-11	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	60	<2.0	<2.0	<2.0	6.2 m	NA	<100	327.48	17.11	310.37	NA	NA
S-11	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	52	<2.0	<2.0	<2.0	<10	NA	<100	327.48	16.85	310.63	NA	NA
S-11	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	36	<2.0	<2.0	<2.0	<10	NA	<100	327.48	16.78	310.70	NA	NA
S-11	7/29/2008	58	NA	<0.50	<1.0	<1.0	<1.0	NA	31	<2.0	<2.0	<2.0	<10	NA	<100	327.48	17.31	310.17	NA	NA
S-12	9/23/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.74	NA	NA	NA
S-12	9/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	17.95	NA	NA	NA
S-12	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	<2.0	NA	322.76	16.92	305.84	NA	NA
S-12	3/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	322.76	16.53	306.23	NA	NA
S-12	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.5	NA	NA	NA	<5.0	NA	NA	322.76	17.73	305.03	NA	NA
S-12	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	<5.0	NA	NA	322.76	17.18	305.58	NA	NA
S-12	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	322.76	17.54	305.22	NA	NA
S-12	1/6/2004	<50	NA	<0.50	1.1	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	322.76	17.45	305.31	NA	NA
S-12	4/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.76	NA	NA	NA	<5.0	NA	NA	322.76	16.85	305.91	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-12	7/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.65	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	17.89	304.87	NA	NA
S-12	10/29/2004	<50 f	NA	<0.50	<0.50	<0.50	<1.0	NA	1.3	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	17.84	304.92	NA	NA
S-12	1/6/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	322.76	NA	NA	NA	NA
S-12	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	0.79	<0.50	<0.50	<0.50	<5.0	NA	<5.0	322.76	15.98	306.78	NA	NA
S-12	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.69	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	17.32	305.44	NA	NA
S-12	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.66	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	16.58	306.18	NA	NA
S-12	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	15.94	306.82	NA	NA
S-12	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.740	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	17.31	305.45	NA	NA
S-12	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	16.70	306.06	NA	NA
S-12	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.520	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	17.63	305.13	NA	NA
S-12	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.70 i	<1.0	<1.0	<1.0	<10	NA	<150	322.76	17.05	305.71	NA	NA
S-12	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	0.70 m	<2.0	<2.0	<2.0	<10	NA	<100	322.76	17.12	305.64	NA	NA
S-12	7/9/2007	51 k,l	NA	<0.50	<1.0	<1.0	<1.0	NA	0.59 m	<2.0	<2.0	<2.0	<10	NA	<100	322.76	16.85	305.91	NA	NA
S-12	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	0.92	<2.0	<2.0	<2.0	<10	NA	<100	322.76	16.40	306.36	NA	NA
S-12	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	0.67 m	<2.0	<2.0	<2.0	<10	NA	<100	322.76	16.50	306.26	NA	NA
S-12	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	322.76	16.30	306.46	NA	NA
S-12	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	140	322.76	17.00	305.76	NA	NA
S-14	11/8/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	17.45	307.45	NA	NA
S-14	11/11/2005	<50 f	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	324.90	17.63	307.27	NA	NA
S-14	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	324.90	15.56	309.34	NA	NA
S-14	7/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	16.77	308.13	NA	NA
S-14	10/20/2006	<50.0	NA	0.560	1.08	<0.500	0.630	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	324.90	17.26	307.64	NA	NA
S-14	1/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	17.54	307.36	NA	NA
S-14	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	324.90	17.10	307.80	NA	NA
S-14	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	324.90	17.56	307.34	NA	NA
S-14	1/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	NA	NA	NA	NA
S-14	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	324.90	17.23	307.67	NA	NA
S-14	7/29/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	18.30	306.60	NA	NA
S-15	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	NA	24.00	NA	NA	NA



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**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-15	7/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.85	NA	NA	NA
S-15	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	NA	23.87	NA	NA	NA
S-15	1/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.03	NA	NA	NA
S-15	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	NA	24.29	NA	NA	NA
S-15	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	NA	24.34	NA	NA	NA
S-15	1/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-15	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	<100	NA	23.90	NA	NA	NA
S-15	7/29/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.91	NA	NA	NA
SR-1	10/11/1989	200	NA	100	<1	<10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	12/14/1989	500	NA	210	<0.5	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	3/5/1990	64	NA	20	<0.5	1.5	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	6/14/1990	60	NA	17	<0.5	1.9	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	10/2/1990	<50	NA	5.0	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	12/18/1990	<50	NA	28	5.5	4.5	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-1	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.34	313.44	NA	NA
SR-1	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.72	313.06	NA	NA
SR-1	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	15.31	314.47	NA	NA
SR-1	03/11/2002 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.13	NA	NA	NA	NA
SR-1	09/22/2003 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.33	NA	NA	NA	NA
SR-1	4/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.33	30.79	297.54	NA	NA
SR-1	7/27/2004	<500	NA	<5.0	<5.0	<5.0	11	NA	44	<20	<20	<20	3,000	NA	<500	328.33	30.72	297.61	NA	NA
SR-1	8/4/2004	62	NA	<0.50	<0.50	2.6	13	NA	NA	NA	NA	NA	NA	NA	NA	328.33	30.77	297.56	NA	NA
SR-1	10/29/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	11	<20	<20	<20	1,400	NA	<500	328.33	30.85	297.48	NA	NA
SR-1	1/6/2005	<250	NA	<2.5	<2.5	6.8	31	NA	20	<10	<10	<10	2,800	NA	NA	328.33	30.92	297.41	NA	NA
SR-1	4/14/2005	170	NA	12	<0.90	11	1.5	NA	190	<0.90	<0.90	<0.90	2,200	NA	<9.0	328.33	30.73	297.60	NA	NA
SR-1	7/29/2005	<100	NA	<1.0	<1.0	<1.0	3.7	NA	7.6	<4.0	<4.0	<4.0	1,500	NA	<100	328.33	24.53	303.80	NA	NA
SR-1	10/20/2005	190	NA	<1.0	<1.0	5.4	35	NA	4.3	<4.0	<4.0	<4.0	1,200	NA	<100	328.33	31.00	297.33	NA	NA
SR-1	1/26/2006	<50.0	NA	4.65	<0.500	1.79	18.8	NA	4.25	<0.500	<0.500	<0.500	556	NA	<50.0	328.33	30.89	297.44	NA	NA
SR-1	4/24/2006	<50.0	NA	2.76	<0.500	1.36	<0.500	NA	42.8	<0.500	<0.500	<0.500	180	NA	<50.0	328.33	14.94	313.39	NA	NA
SR-1	7/12/2006	<50.0	NA	0.950	<0.500	<0.500	<1.50	NA	3.24	<0.500	<0.500	<0.500	171	NA	<50.0	328.33	14.71	313.62	NA	NA

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**3790 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)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
SR-1	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	328.33	15.84	312.49	NA	NA
SR-1	1/22/2007	<50	NA	0.48 i	<0.50	0.60	<1.0	NA	0.70 i	<1.0	<1.0	<1.0	46	NA	<150	328.33	15.25	313.08	NA	NA
SR-1	4/13/2007	61 k	NA	0.43 m	<1.0	0.26 m	<1.0	NA	9.4	<2.0	<2.0	<2.0	62	NA	<100	328.33	14.78	313.55	NA	NA
SR-1	7/9/2007	<50 k	NA	0.44 m	<1.0	0.69 m	<1.0	NA	3.5	<2.0	<2.0	<2.0	19	NA	<100	328.33	14.44	313.89	NA	NA
SR-1	10/22/2007	<50 k	NA	<0.50	<1.0	0.56 m	<1.0	NA	9.6	<2.0	<2.0	<2.0	31	NA	<100	328.33	15.31	313.02	NA	NA
SR-1	1/9/2008	53 k	NA	<0.50	<1.0	3.5	2.6	NA	5.6	<2.0	<2.0	<2.0	12	NA	<100	328.33	14.39	313.94	NA	NA
SR-1	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	4.7	<2.0	<2.0	<2.0	16	NA	<100	328.33	15.00	313.33	NA	NA
SR-1	7/29/2008	100	NA	<0.50	<1.0	1.7	<1.0	NA	4.4	<2.0	<2.0	<2.0	23	NA	<100	328.33	15.70	312.63	NA	NA
SR-2	10/11/1989	880	NA	<10	1.0	29	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	12/14/1989	1100	NA	17	<0.5	100	67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	3/5/1990	140	NA	3.0	<0.5	12	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	6/14/1990	<50	NA	<0.5	<0.5	2.6	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	10/2/1990	<50	NA	<0.5	<0.5	0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	12/18/1990	<50	NA	1.6	1.4	1.6	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.39	313.96	NA	NA
SR-2	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.48	313.87	NA	NA
SR-2	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	13.62	314.73	NA	NA
SR-2	9/27/2002	<1,000	NA	<10	<10	<10	<10	NA	5,000	NA	NA	NA	NA	NA	NA	327.91	14.20	313.71	NA	NA
SR-2	12/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,800	<10	<10	<10	1,600	<10	NA	327.91	13.33	314.58	<10	NA
SR-2	3/24/2003	<5,000	NA	<50	<50	<50	<100	NA	10,000	NA	NA	NA	NA	NA	NA	327.91	13.75	314.16	NA	NA
SR-2	5/9/2003	<5,000	NA	<50	<50	80	290	NA	13,000	NA	NA	NA	6,100	NA	NA	327.91	13.40	314.51	NA	NA
SR-2	7/8/2003	<5,000	NA	<50	<50	<50	<100	NA	12,000	NA	NA	NA	4,800	NA	NA	327.31	30.48	296.83	NA	NA
SR-2	10/15/2003	<500	NA	<5.0	<5.0	<5.0	20	NA	1,200	NA	NA	NA	9,800	NA	NA	327.31	15.38	311.93	NA	NA
SR-2	1/6/2004	<1,300	NA	<13	<13	<13	<25	NA	500	NA	NA	NA	17,000	NA	NA	327.31	31.47	295.84	NA	NA
SR-2	4/7/2004	<1,300	NA	<13	<13	<13	<25	NA	280	NA	NA	NA	10,000	NA	NA	327.31	31.54	295.77	NA	NA
SR-2	7/27/2004	<1,300	NA	<13	<13	<13	<25	NA	63	<50	<50	<50	9,500	NA	<1,300	327.31	31.35	295.96	NA	NA
SR-2	10/29/2004	<1,300	NA	<13	<13	<13	<25	NA	47	<50	<50	<50	7,600	NA	<1,300	327.31	30.50	296.81	NA	NA
SR-2	1/6/2005	<1,300	NA	<13	<13	<13	<25	NA	23	<50	<50	<50	6,000	NA	NA	327.31	31.38	295.93	NA	NA
SR-2	4/14/2005	<150	NA	<1.5	<1.5	<1.5	1.7	NA	27	<1.5	<1.5	<1.5	6,300	NA	<15	327.31	31.28	296.03	NA	NA
SR-2	7/29/2005	<500	NA	<5.0	<5.0	<5.0	<10	NA	14	<20	<20	<20	5,400	NA	<500	327.31	22.71	304.60	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
SR-2	10/20/2005	<500	NA	<5.0	<5.0	<5.0	<10	NA	<5.0	<20	<20	<20	3,600	NA	<500	327.31	31.31	296.00	NA	NA
SR-2	1/26/2006	<50.0	NA	<0.500	<0.500	1.56	7.72	NA	6.37	<0.500	<0.500	<0.500	1,620	NA	<50.0	327.31	31.60	295.71	NA	NA
SR-2	4/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	13.1	<0.500	<0.500	<0.500	544	NA	<50.0	327.31	12.86	314.45	NA	NA
SR-2	7/12/2006	<50.0	NA	0.950	<0.500	<0.500	<1.50	NA	3.00	<0.500	<0.500	<0.500	941	NA	<50.0	327.31	12.65	314.66	NA	NA
SR-2	10/20/2006	96.0	NA	<0.500	<0.500	<0.500	<0.500	NA	9.56	<0.500	<0.500	<0.500	881	NA	<50.0	327.31	14.10	313.21	NA	NA
SR-2	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.8	<1.0	<1.0	<1.0	1,100	NA	<150	327.31	13.47	313.84	NA	NA
SR-2	4/13/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	6.9	<2.0	<2.0	<2.0	520	NA	<100	327.31	12.89	314.42	NA	NA
SR-2	7/9/2007	58 k,l	NA	0.14 m	<1.0	<1.0	<1.0	NA	21	<2.0	<2.0	<2.0	720	NA	<100	327.31	12.03	315.28	NA	NA
SR-2	10/22/2007	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	2.0	<2.0	<2.0	<2.0	69	NA	<100	327.31	13.51	313.80	NA	NA
SR-2	1/9/2008	<50 k	NA	0.17 M	<1.0	<1.0	<1.0	NA	8.7	<2.0	<2.0	<2.0	100	NA	<100	327.31	13.63	313.68	NA	NA
SR-2	4/11/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.3	<2.0	<2.0	<2.0	280	NA	<100	327.31	13.21	314.10	NA	NA
SR-2	7/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	1.2	<2.0	<2.0	<2.0	22	NA	<100	327.31	14.81	312.50	NA	NA
SR-3	12/11/1989	500	NA	92	10	43	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	12/14/1989	2,400	NA	310	27	170	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	3/5/1990	70	NA	15	0.8	5.8	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	6/14/1990	470	NA	59	2.3	35	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	10/2/1990	1,700	NA	91	6.2	7.0	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	12/18/1990	140	NA	10	0.8	7.5	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.66	314.45	NA	NA
SR-3	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.96	314.15	NA	NA
SR-3	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	13.60	315.51	NA	NA
SR-3	9/27/2002	<2,500	NA	<25	<25	<25	<25	NA	11,000	NA	NA	NA	NA	NA	NA	328.65	14.75	313.90	NA	NA
SR-3	12/27/2002	<2,000	NA	<20	<20	<20	<20	NA	5,100	<20	<20	<20	4,600	<20	NA	328.65	13.65	315.00	NA	NA
SR-3	3/24/2003	<2,500	NA	<25	<25	<25	<50	NA	3,700	NA	NA	NA	NA	NA	NA	328.65	13.52	315.13	NA	NA
SR-3	5/9/2003	<1,000	NA	15	<10	19	48	NA	3,700	NA	NA	NA	8,400	NA	NA	328.65	12.15	316.50	NA	NA
SR-3	7/8/2003	<1,000	NA	<10	<10	<10	<20	NA	2,800	NA	NA	NA	8,300	NA	NA	327.50	30.00	297.50	NA	NA
SR-3	10/15/2003	310	NA	3.2	<2.5	9.1	30	NA	240	NA	NA	NA	3,600	NA	NA	327.50	15.39	312.11	NA	NA
SR-3	1/6/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	26	NA	NA	NA	3,300	NA	NA	327.50	30.29	297.21	NA	NA
SR-3	4/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.4	NA	NA	NA	370	NA	NA	327.50	15.49	312.01	NA	NA
SR-3	7/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.0	<2.0	<2.0	<2.0	390	NA	<50	327.50	15.34	312.16	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
SR-3	10/29/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	15	<4.0	<4.0	<4.0	780	NA	<100	327.50	15.22	312.28	NA	NA
SR-3	1/6/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.3	<2.0	<2.0	<2.0	250	NA	NA	327.50	15.08	312.42	NA	NA
SR-3	4/14/2005	58	NA	0.76	<0.50	1.5	<0.50	NA	46	<0.50	<0.50	<0.50	2,200	NA	<5.0	327.50	30.53	296.97	NA	NA
SR-3	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.7	<2.0	<2.0	<2.0	490	NA	<50	327.50	21.81	305.69	NA	NA
SR-3	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	3.3	<2.0	<2.0	<2.0	76	NA	<50	327.50	29.19	298.31	NA	NA
SR-3	1/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	3.34	<0.500	<0.500	<0.500	84.9	NA	<50.0	327.50	31.00	296.50	NA	NA
SR-3	4/24/2006	<50.0	NA	1.67	<0.500	0.640	<0.500	NA	36.4	<0.500	<0.500	<0.500	315	NA	<50.0	327.50	12.42	315.08	NA	NA
SR-3	7/12/2006	<50.0	NA	0.950	<0.500	<0.500	<1.50	NA	9.73	<0.500	<0.500	<0.500	724	NA	<50.0	327.50	12.75	314.75	NA	NA
SR-3	10/20/2006	73.3	NA	<0.500	<0.500	<0.500	<0.500	NA	5.64	<0.500	<0.500	<0.500	847	NA	<50.0	327.50	13.93	313.57	NA	NA
SR-3	1/22/2007	56	NA	<2.0	<2.0	<2.0	<4.0	NA	5.6	<4.0	<4.0	<4.0	1,300	NA	<600	327.50	13.31	314.19	NA	NA
SR-3	4/13/2007	66 k,l	NA	<5.0	<10	<10	<10	NA	16	<20	<20	<20	2,400	NA	<1,000	327.50	13.61	313.89	NA	NA
SR-3	7/9/2007	150 k,l	NA	0.97	<1.0	0.33 m	<1.0	NA	19	<2.0	<2.0	<2.0	1,300	NA	<100	327.50	11.87	315.63	NA	NA
SR-3	10/22/2007	51 k	NA	<0.50	<1.0	<1.0	<1.0	NA	8.3	<2.0	<2.0	<2.0	950	NA	<100	327.50	13.40	314.10	NA	NA
SR-3	1/9/2008	<50 k	NA	<0.50	<1.0	<1.0	<1.0	NA	5.2	<2.0	<2.0	<2.0	610	NA	<100	327.50	13.61	313.89	NA	NA
SR-3	4/11/2008	66	NA	<0.50	<1.0	<1.0	<1.0	NA	9.3	<2.0	<2.0	<2.0	830	NA	<100	327.50	14.11	313.39	NA	NA
SR-3	7/29/2008	60	NA	<0.50	<1.0	<1.0	<1.0	NA	7.1	<2.0	<2.0	<2.0	570	NA	<100	327.50	14.85	312.65	NA	NA
T-1	6/18/2002	<5,000	NA	<50	<50	<50	<50	NA	20,000	NA	NA	NA	NA	NA	NA	NA	12.31	NA	NA	NA
T-2	9/17/2001	<5,000	NA	<25	<25	<25	<25	NA	29,000	NA	NA	NA	NA	NA	NA	NA	11.48	NA	NA	NA
T-2	12/31/2001	<5,000	NA	<50	<50	<50	<50	NA	31,000	NA	NA	NA	NA	NA	NA	NA	4.96	NA	NA	NA
T-2	3/13/2002	<5,000	NA	<50	<50	<50	<50	NA	48,000	NA	NA	NA	NA	NA	NA	NA	9.76	NA	NA	NA
T-2	6/18/2002	<20,000	NA	<200	<200	<200	<200	NA	100,000	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA
T-2	9/27/2002	240	NA	0.55	2.8	1.8	2.6	NA	39	NA	NA	NA	NA	NA	NA	NA	8.15	NA	NA	NA
T-2	12/27/2002	2,100	NA	7.8	17	<0.50	11	NA	790	<2.0	<2.0	2.7	1,200	<2.0	NA	NA	6.75	NA	NA	NA
T-2	3/24/2003	550	NA	<2.5	<2.5	<2.5	<5.0	NA	310	NA	NA	NA	NA	NA	NA	NA	11.68	NA	NA	NA
T-2	5/9/2003	220	NA	0.66	0.55	<0.50	1.8	NA	100	NA	NA	NA	92	NA	NA	NA	6.40	NA	NA	NA
T-2	7/8/2003	<500	NA	13	7.4	<5.0	22	NA	990	NA	NA	NA	120	NA	NA	NA	8.16	NA	NA	NA
T-2	10/15/2003	220 e	NA	<0.50	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	23	NA	NA	NA	11.15	NA	NA	NA
T-2	1/6/2004	710	NA	<0.50	<0.50	<0.50	1.2	NA	14	NA	NA	NA	9.2	NA	NA	NA	9.10	NA	NA	NA
T-2	4/7/2004	570 e	NA	5.4	<0.50	<0.50	1.2	NA	5.6	NA	NA	NA	11	NA	NA	NA	10.54	NA	NA	NA
T-2	7/27/2004	270	NA	17	1.2	<0.50	2.0	NA	2.9	<2.0	<2.0	<2.0	7.9	NA	<50	NA	9.89	NA	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
T-2	10/29/2004	180	NA	<0.50	<0.50	<0.50	<1.0	NA	4.2	<2.0	<2.0	<2.0	23	NA	<50	NA	9.42	NA	NA	NA
T-2	1/6/2005	1,100	NA	0.83	<0.50	<0.50	3.5	NA	3.0	<2.0	<2.0	<2.0	12	NA	NA	NA	7.98	NA	NA	NA
T-3	6/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA
T-4	6/18/2002	<10,000	NA	<100	<100	<100	<200	NA	97,000	NA	NA	NA	NA	NA	NA	NA	13.50	NA	NA	NA
T-4	12/27/2002	550	NA	5.3	16	0.60	39	NA	140	<2.0	<2.0	<2.0	120	<2.0	NA	NA	7.65	NA	NA	NA
T-4	3/24/2003	1,400	NA	<0.50	1.0	1.2	3.6	NA	15	NA	NA	NA	NA	NA	NA	NA	12.88	NA	NA	NA
T-4	5/9/2003	<50	NA	<0.50	<0.50	<0.50	1.6	NA	14	NA	NA	NA	5.2	NA	NA	NA	7.59	NA	NA	NA
T-4	7/8/2003	730	NA	26	8.9	10	19	NA	1,000	NA	NA	NA	150	NA	NA	NA	9.33	NA	NA	NA
T-4	10/15/2003	1,200	NA	15	6.1	2.8	11	NA	310	NA	NA	NA	980	NA	NA	NA	11.80	NA	NA	NA
T-4	1/6/2004	68	NA	1.1	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	NA	NA	9.78	NA	NA	NA
T-4	4/7/2004	1,600	NA	5.1	0.57	<0.50	2.3	NA	6.1	NA	NA	NA	<5.0	NA	NA	NA	11.15	NA	NA	NA
T-4	7/27/2004	590	NA	5.3	0.83	0.52	2.2	NA	4.8	<2.0	<2.0	<2.0	7.5	NA	<50	NA	10.93	NA	NA	NA
T-4	10/29/2004	83	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	<2.0	<2.0	<2.0	<5.0	NA	<50	NA	10.06	NA	NA	NA
T-4	1/6/2005	430 g	NA	<0.50	<0.50	<0.50	<1.0	NA	9.6	<2.0	<2.0	<2.0	<5.0	NA	NA	NA	8.69	NA	NA	NA
C-1	5/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.50	302.83	NA	NA
C-1	7/8/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.50	302.83	NA	NA
C-1	10/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.52	302.81	NA	NA
C-1	1/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.21	303.12	NA	NA
C-1	4/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.54	302.79	NA	NA
C-1	7/27/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.58	302.75	NA	NA
C-1	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.58	302.75	NA	NA
C-1	1/6/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.55	302.78	NA	NA
C-1	4/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.55	302.78	NA	NA
C-1	7/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.54	302.79	NA	NA
C-1	10/20/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	31.11	300.22	NA	NA
C-1	1/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	31.15	300.18	NA	NA
C-1	4/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	32.07	299.26	NA	NA
C-1	7/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	29.30	302.03	NA	NA

TABLE 2  
 HISTORIC WELL CONCENTRATIONS  
 Shell-branded Service Station  
 3790 Hopyard Road  
 Pleasanton, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
C-1	10/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	31.64	299.69	NA	NA
C-1	1/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	30.03	301.30	NA	NA
C-1	4/13/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	30.21	301.12	NA	NA
C-1	7/9/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	33.38	297.95	NA	NA
C-1	10/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	33.18	298.15	NA	NA
C-1	1/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.21	303.12	NA	NA
C-1	4/11/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	33.52	297.81	NA	NA
C-1	7/29/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	30.91	300.42	NA	NA

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Abbreviations:

TEPH = Total petroleum hydrocarbons as diesel.

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

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

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260

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

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

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260

1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260

TOB = Top of Wellbox Elevation

TOC = Top of Casing Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ppm = Parts per million

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

**TABLE 2**  
**HISTORIC WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, CA**

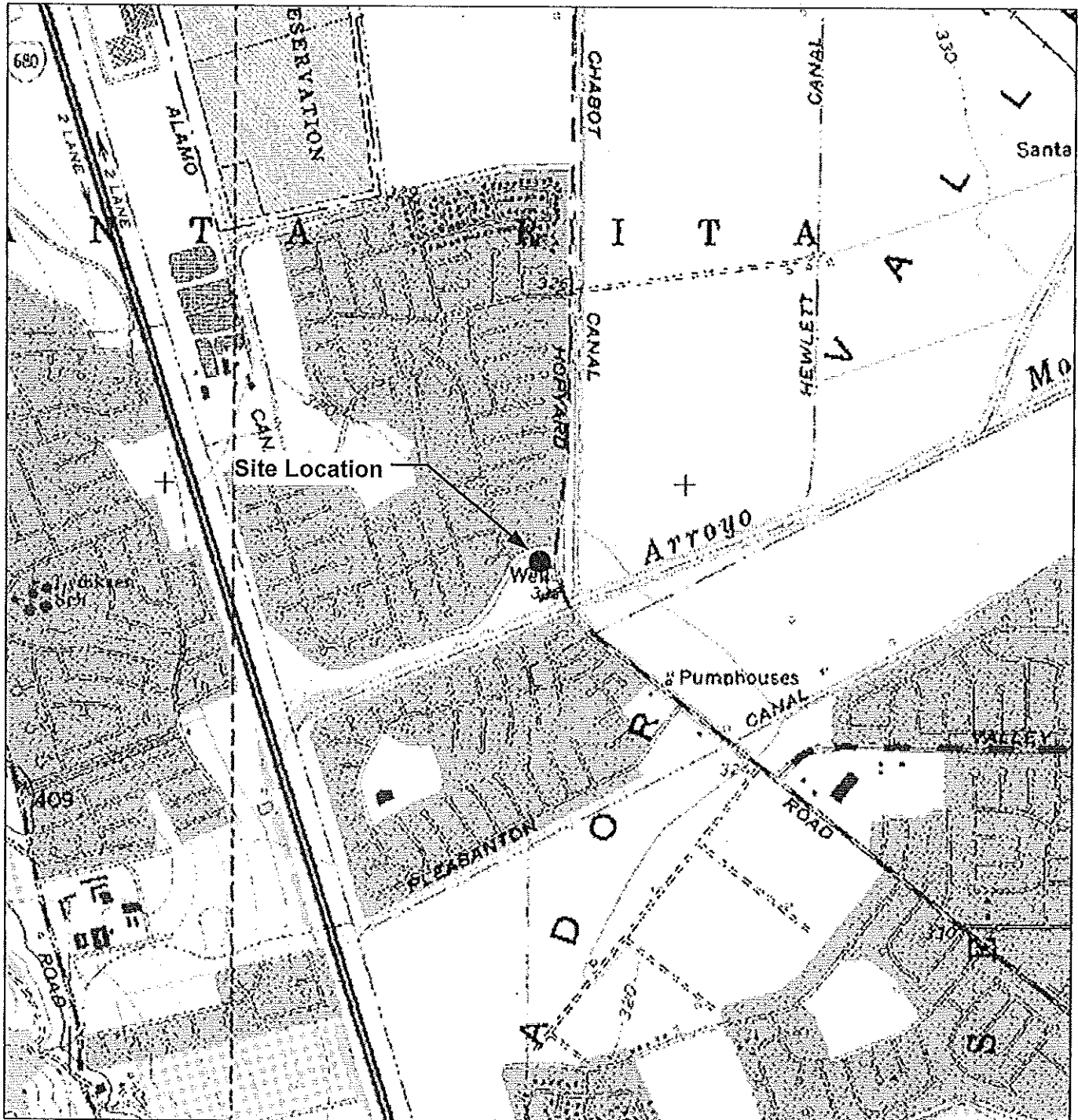
Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Notes:

- a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.
  - b = This sample was analyzed outside of the EPA recommended holding time.
  - c = Samples for wells S-6 and S-7 may have been switched.
  - d = Survey date only.
  - e = Hydrocarbon does not match pattern of laboratory's standard.
  - f = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
  - g = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
  - h = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the compound's retention time and the presence of a single mass ion.
  - i = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
  - j = Hydrocarbon result partly due to individual peak(s) in quantitation range.
  - k = Analyzed by EPA Method 8015B (M).
  - l = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
  - m = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- Ethanol analyzed by EPA Method 8260.  
Corrected groundwater elevation when SPH is present = Top of Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).  
Well T-2 is a backfill well.  
Beginning September 23, 2002 depth to water referenced to Top of Casing.  
All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.  
Survey data for wells S-11 and S-12 provided by Cambria Environmental Technology, Inc.  
C-1 surveyed March 18, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.  
Wells SR-1, SR-2, and SR-3 surveyed September 22, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.  
4Q05 survey data for wells S-5B, S-5C, S-9B, S-9C, and S-14 provided by Delta Environmental Consultants, Inc.



## FIGURES / GRAPHS



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



QUADRANGLE LOCATION

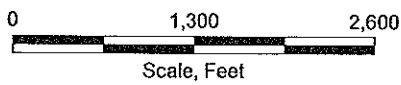


FIGURE 1  
 SITE LOCATION AND WELL SURVEY MAP  
 SHELL-BRANDED SERVICE STATION  
 3790 Hopyard Road  
 Pleasanton, California

PROJECT NO. SCA3790H1	DRAWN BY VF 12/04/03
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY



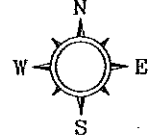
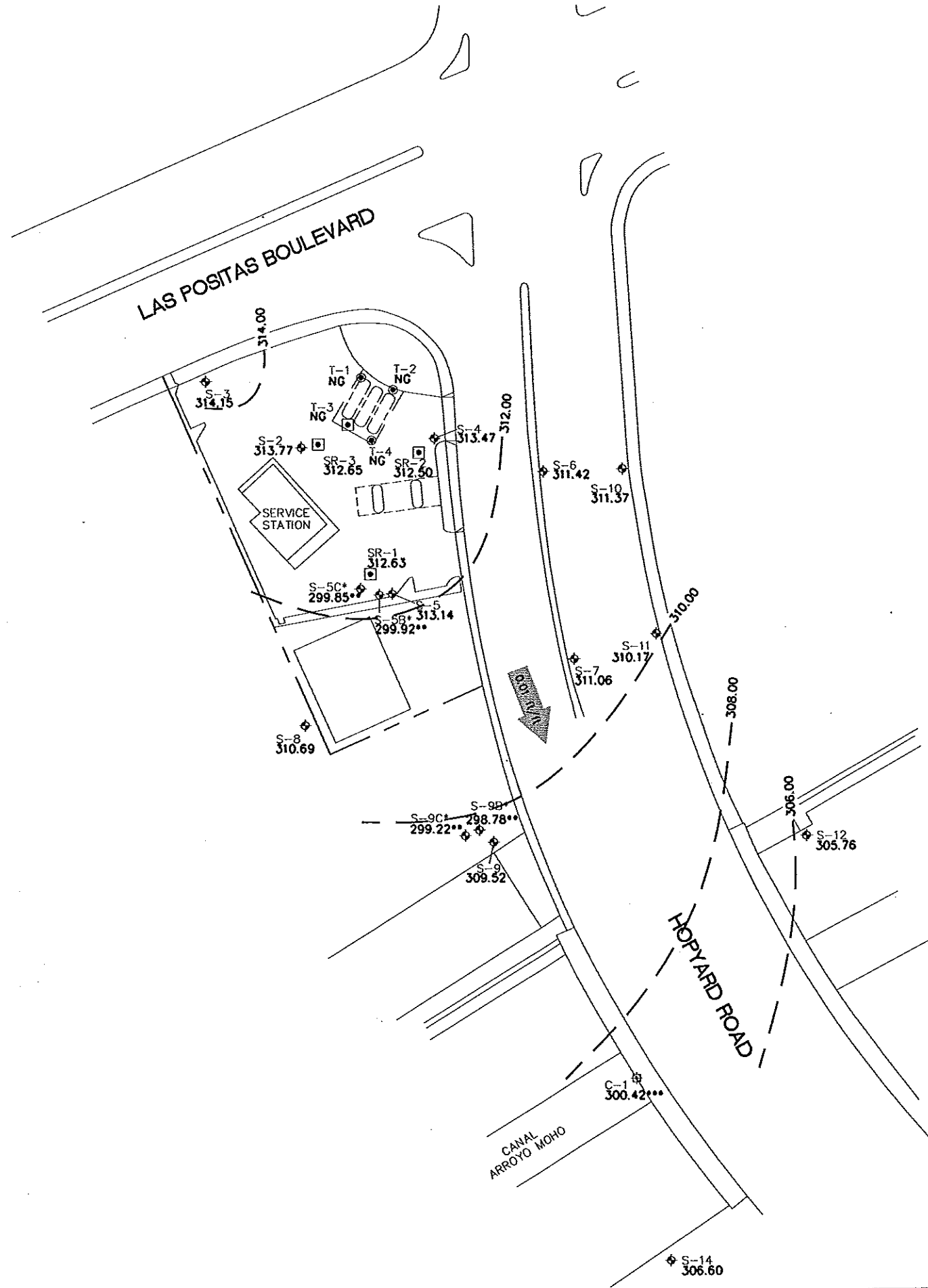
PROJECT NUMBER SCA3790H1

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 8/25/2008

SCALE IN FEET 0 45 90



LEGEND	
MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2	TANK BACKFILL
C-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
314.30	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
310.00	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=2.00 FEET
← 0.01 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
NG	NOT GAUGED
**	NOT USED IN CONTOURING
***	WATER LEVEL IN ARROYO MOCHO CANAL
NRE	NO REFERENCE ELEVATION



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

FIGURE 2  
GROUNDWATER ELEVATION CONTOUR MAP

7/29/2008  
3790 HOPYARD ROAD  
PLEASANTON, CALIFORNIA

PROJECT NUMBER SCA3790H1

APPROVED BY

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DRAWN BY J.F.F. 8/25/2008

0 45 90 SCALE IN FEET

SR-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	60	ND<0.50	7.1	570

S-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	ND<1.0	13

S-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	370	5.3	18	2,300

S-5C*				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	ND<1.0	ND<10

S-5B*				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	ND<1.0	ND<10

S-8				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	14	ND<10

S-5				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	350	1.1	4.4	18

S-9C*				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	ND<1.0	ND<10

S-9B*				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	4.1	ND<10

S-9				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	85	ND<0.50	45	ND<10

SR-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	1.2	22

S-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	190	1.1	24	1,500

S-6				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	1,100	ND<2.5	15	1,700

S-10				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	ND<1.0	14

S-11				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	58	ND<0.50	31	ND<10

SR-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	100	ND<0.50	4.4	23

S-7				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	21	ND<10

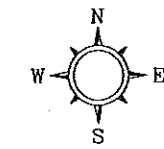
S-12				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/29/08	ND<50	ND<0.50	ND<1.0	ND<10

LAS POSITAS BOULEVARD

HOPYARD ROAD

CANAL ARROYO MOHO

SERVICE STATION



- LEGEND**
- MW-1 ◆ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
  - SR-3 □ GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
  - T-2 ⊙ TANK BACKFILL
  - C-1 ⊕ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
  - \* DEEP MONITORING WELL
  - TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
  - MTBE METHYL TERT-BUTYL ETHER
  - TBA TERT-BUTYL ALCOHOL
  - µg/L MICROGRAMS PER LITER
  - ND< NOT DETECTED ABOVE LIMIT NOTED
  - ← 0.01 ft/ft APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
  - NS NOT SAMPLED



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

FIGURE 3  
GROUNDWATER HYDROCARBON  
DISTRIBUTION MAP  
7/29/2008  
3790 HOPYARD ROAD  
PLEASANTON, CALIFORNIA

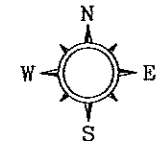
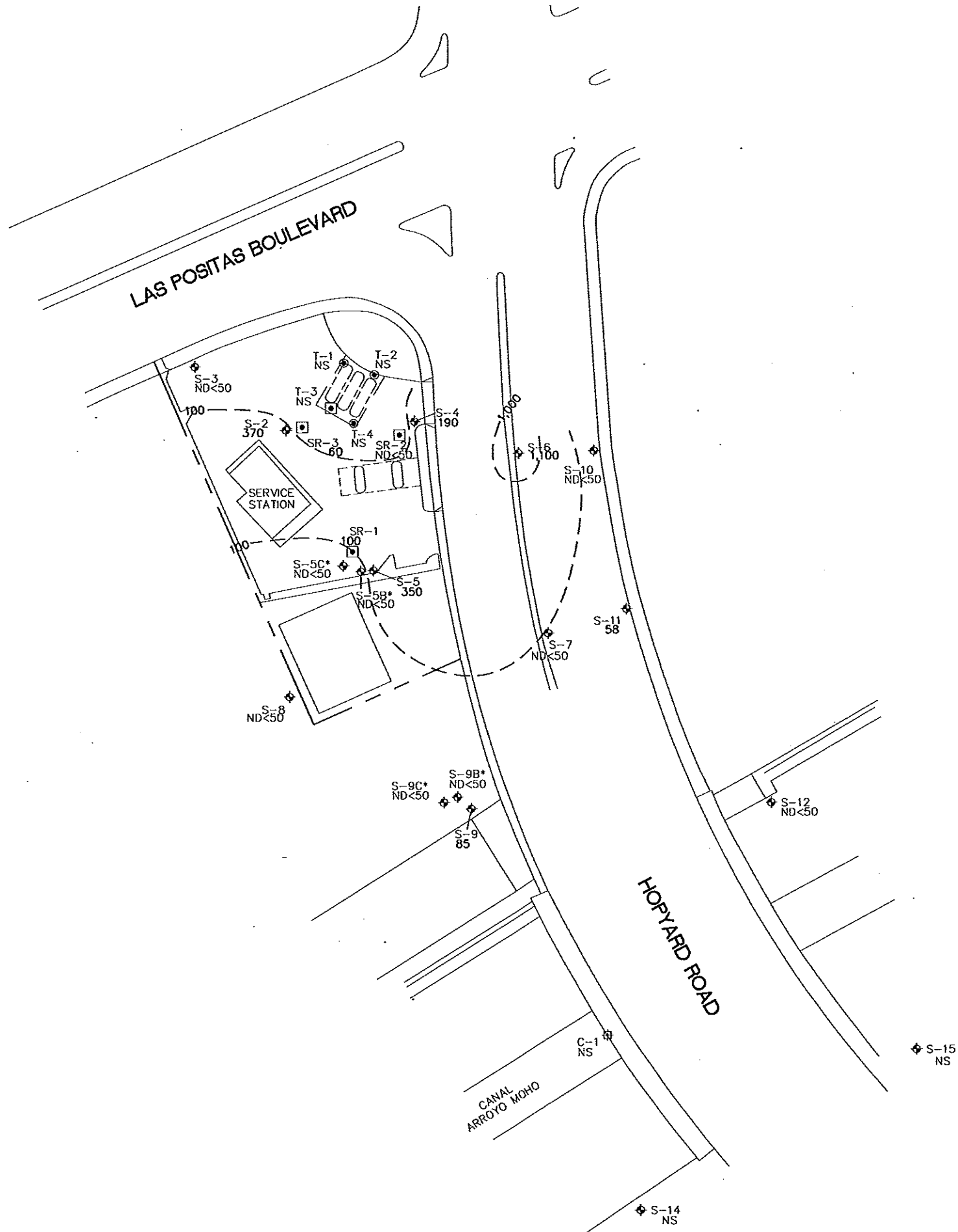
PROJECT NUMBER SCA3790H1

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 8/25/2008

SCALE IN FEET  
0 45 90



LEGEND	
MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2	TANK BACKFILL
C-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
450	TPH-g CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
100	LINE OF EQUAL TPH-g CONCENTRATION
TPH-g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED



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PLEASANTON, CALIFORNIA

FIGURE 4  
TPH-g ISOCONCENTRATION MAP  
7/29/2008  
3790 HOPYARD ROAD  
PLEASANTON, CALIFORNIA

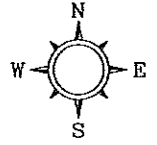
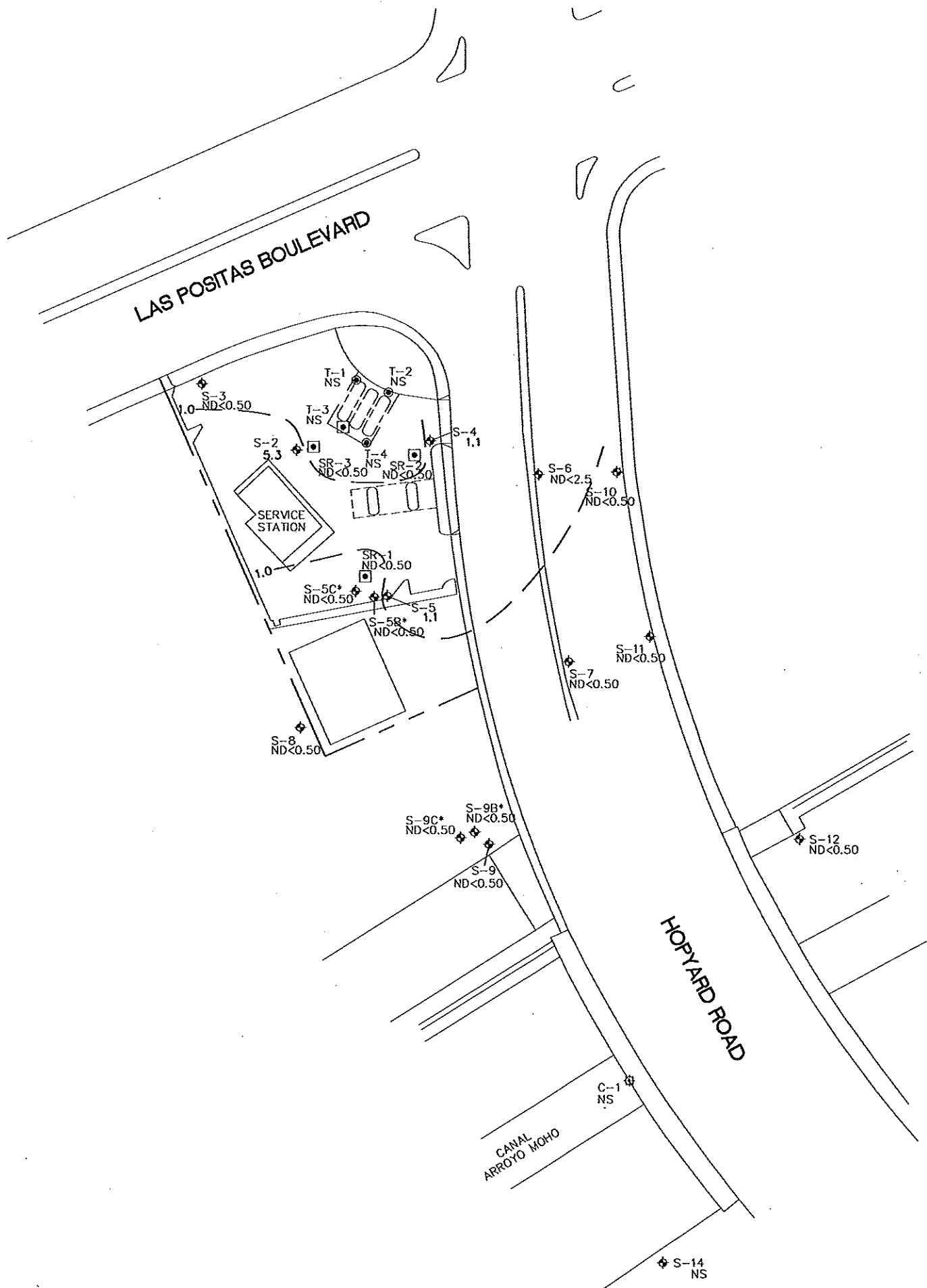
PROJECT NUMBER SCA3790H1

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 8/25/2008

SCALE IN FEET 0 45 90



LEGEND

- MW-1 ◆ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- SR-3 □ GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
- T-2 ● TANK BACKFILL
- C-1 ⊕ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- \* DEEP MONITORING WELL
- 3.8 BENZENE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
- 1.0 - - - LINE OF EQUAL BENZENE CONCENTRATION
- µg/L MICROGRAMS PER LITER
- ND< NOT DETECTED ABOVE LIMIT NOTED
- NS NOT SAMPLED



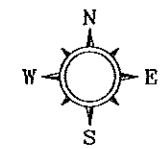
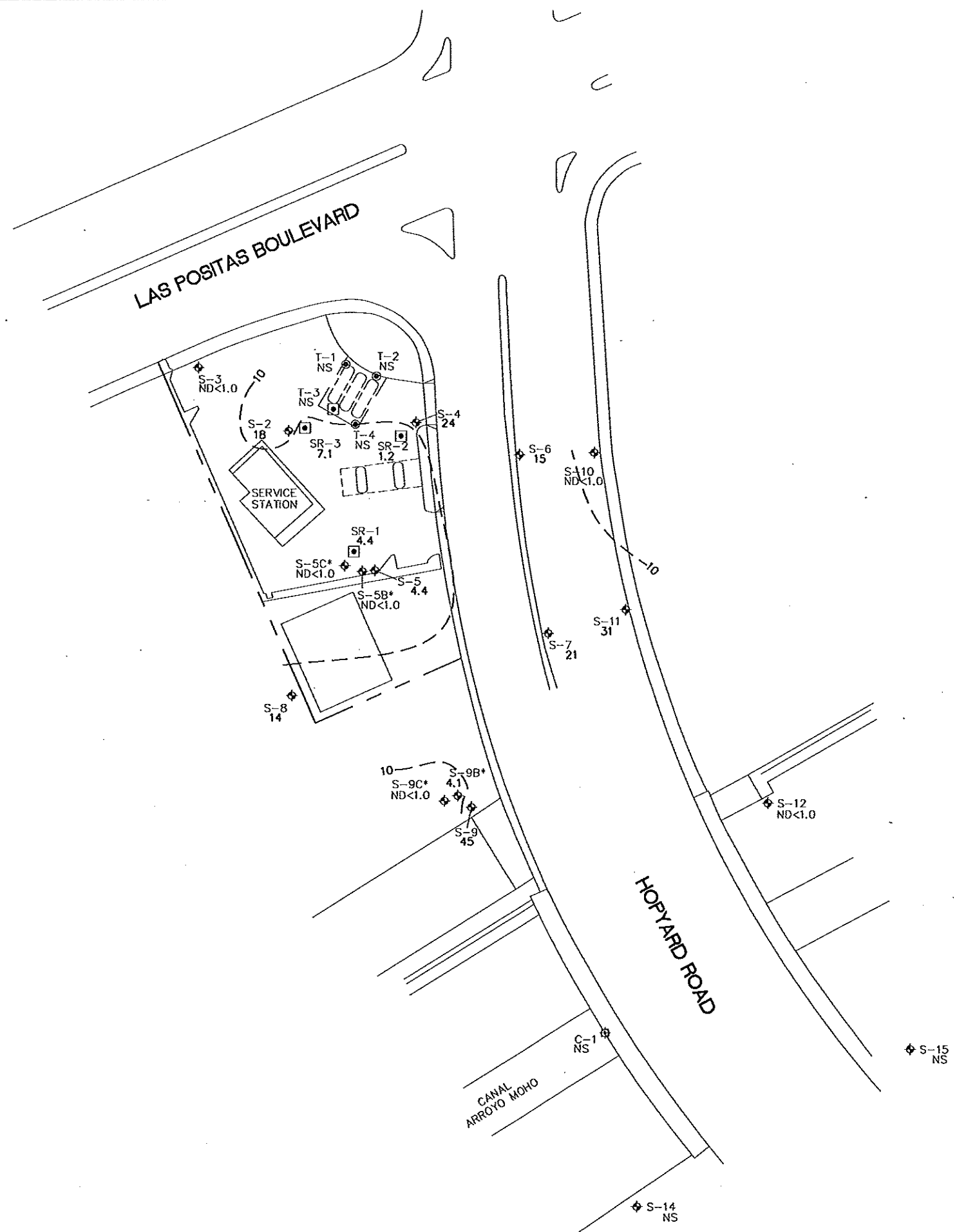
SHELL OIL PRODUCTS US  
 SHELL-BRANDED SERVICE STATION  
 PLEASANTON, CALIFORNIA

FIGURE 5  
 BENZENE ISOCONCENTRATION MAP

7/29/2008  
 3790 HOPYARD ROAD  
 PLEASANTON, CALIFORNIA

PROJECT NUMBER SCA3790H1  
 APPROVED BY  
 CHECKED BY  
 DRAWN BY J.F.F. 8/25/2008

0 45 90  
 SCALE IN FEET



**LEGEND**

MW-1	◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3	◻	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2	⊙	TANK BACKFILL
C-1	⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*		DEEP MONITORING WELL
37		MTBE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
10	---	LINE OF EQUAL MTBE CONCENTRATION
MTBE		METHYL TERT-BUTYL ETHER
µg/L		MICROGRAMS PER LITER
ND<		NOT DETECTED ABOVE LIMIT
NOTED		NOTED
NS		NOT SAMPLED

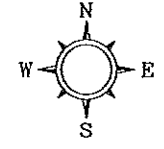
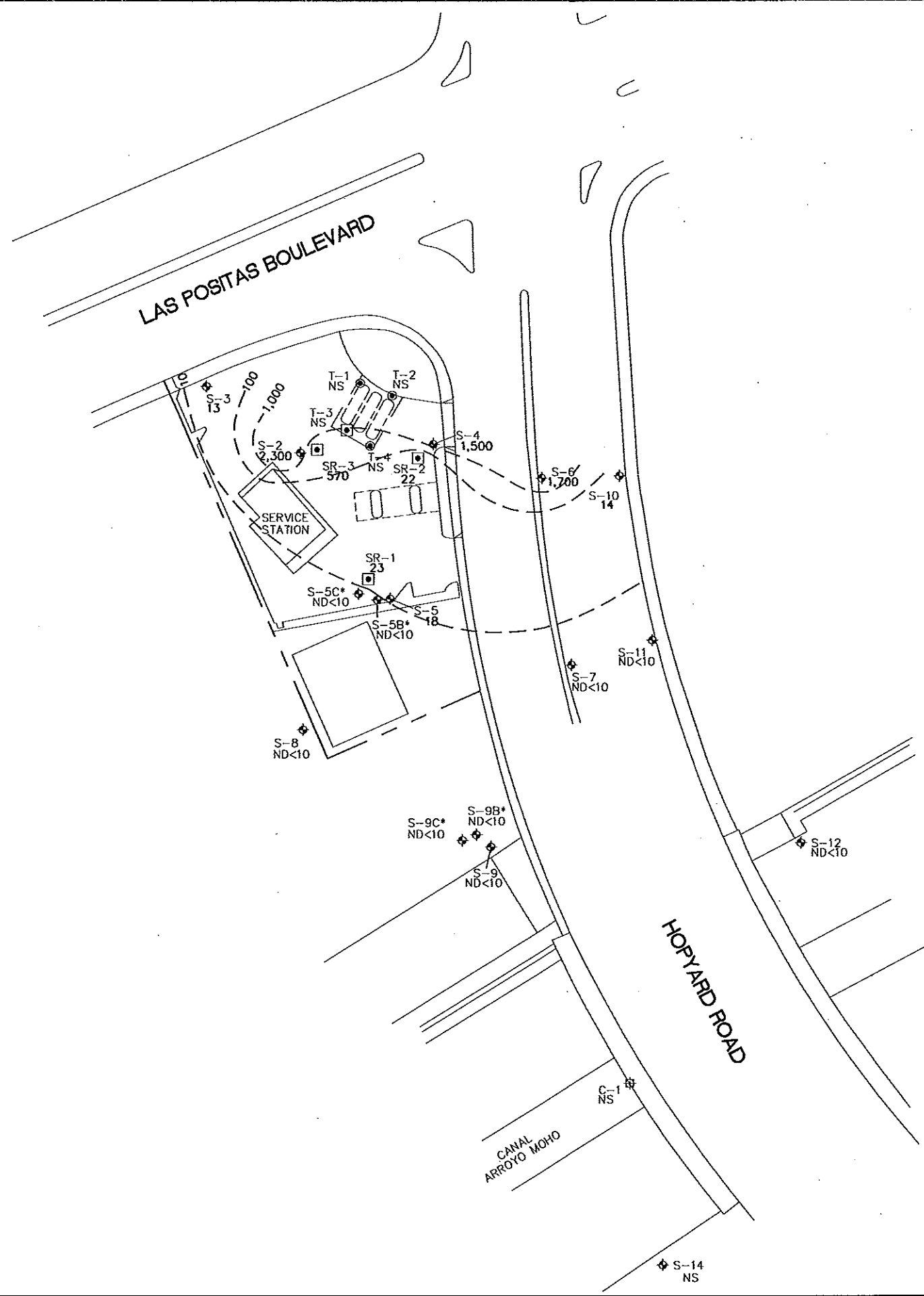


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 PLEASANTON, CALIFORNIA

**FIGURE 6**  
**MTBE ISOCONCENTRATION MAP**  
 7/29/2008  
 3790 HOPYARD ROAD  
 PLEASANTON, CALIFORNIA

PROJECT NUMBER SCA3790H1  
 APPROVED BY  
 CHECKED BY  
 DRAWN BY J.F.F. 8/25/2008

0 45 90  
 SCALE IN FEET



**LEGEND**

MW-1	◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3	■	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2	●	TANK BACKFILL
C-1	⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*		DEEP MONITORING WELL
4,300		TBA CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
10	---	LINE OF EQUAL TBA CONCENTRATION
TBA		TERTIARY BUTYL ALCOHOL
µg/L		MICROGRAMS PER LITER
ND<		NOT DETECTED ABOVE LIMIT NOTED
NS		NOT SAMPLED

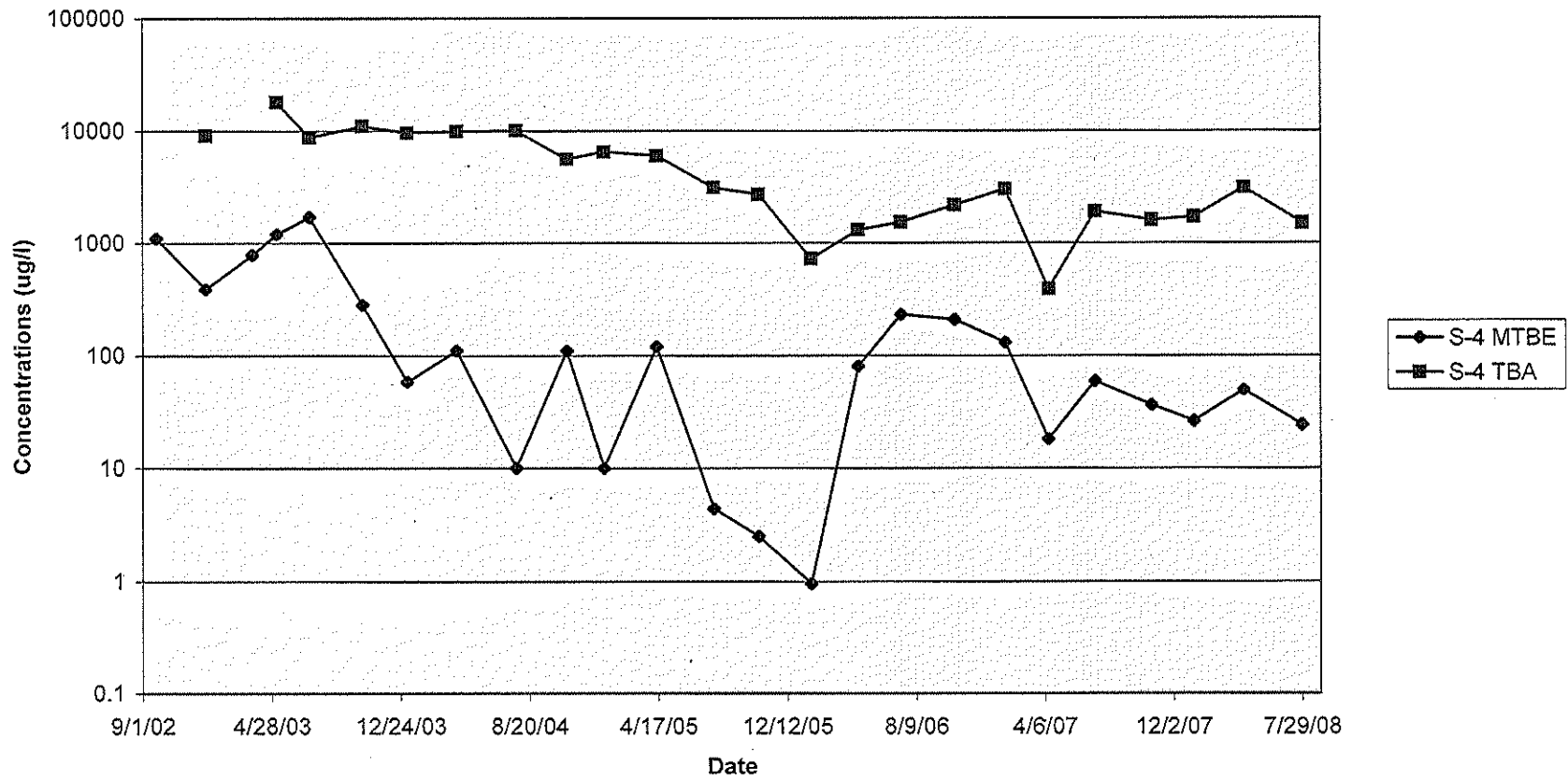


SHELL OIL PRODUCTS US  
 SHELL-BRANDED SERVICE STATION  
 PLEASANTON, CALIFORNIA

**FIGURE 7**  
**TBA ISOCONCENTRATION MAP**  
 7/29/2008  
 3790 HOPYARD ROAD  
 PLEASANTON, CALIFORNIA



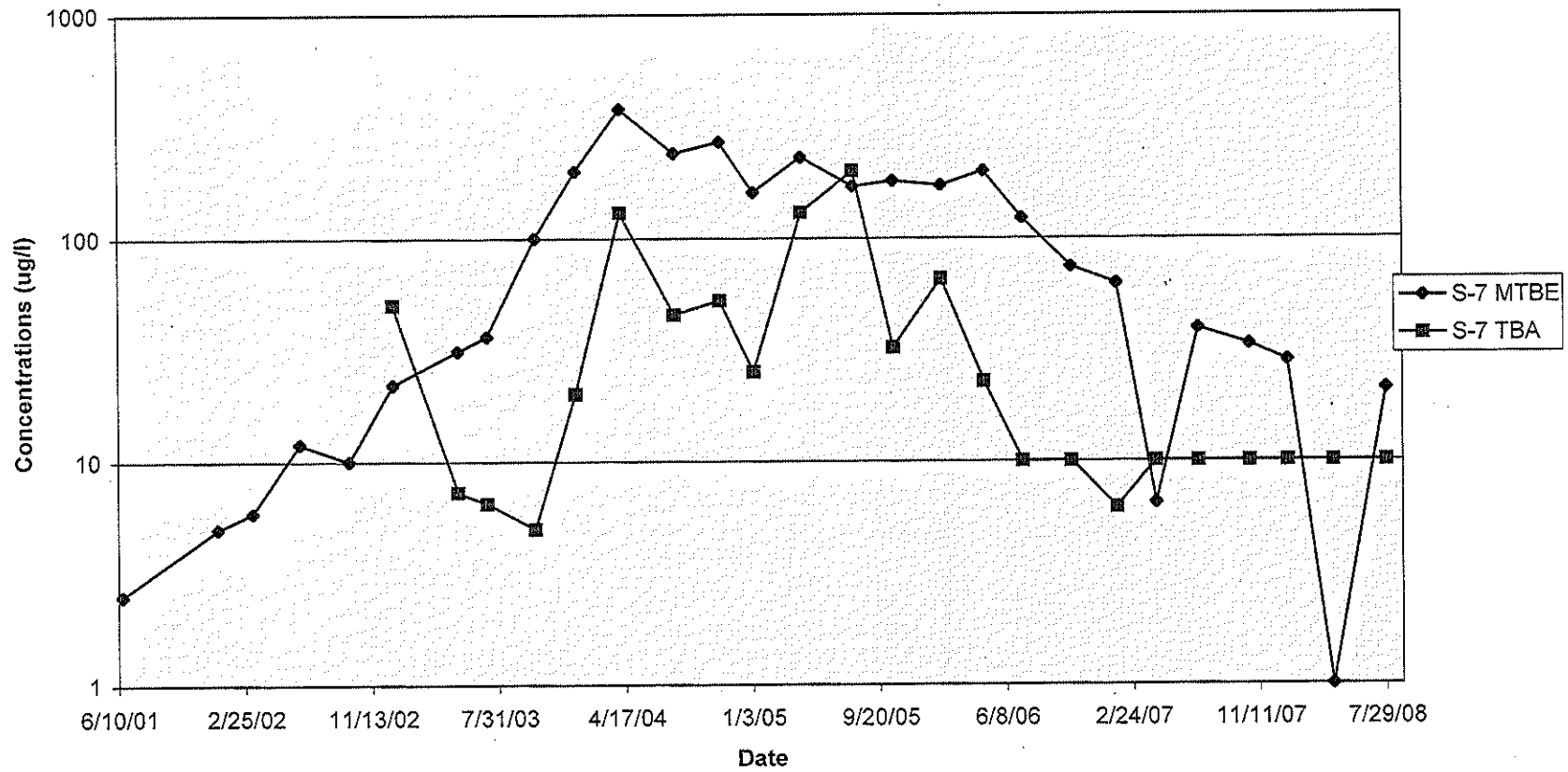
Graph 1  
MTBE and TBA Concentrations  
Well S-4  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, California



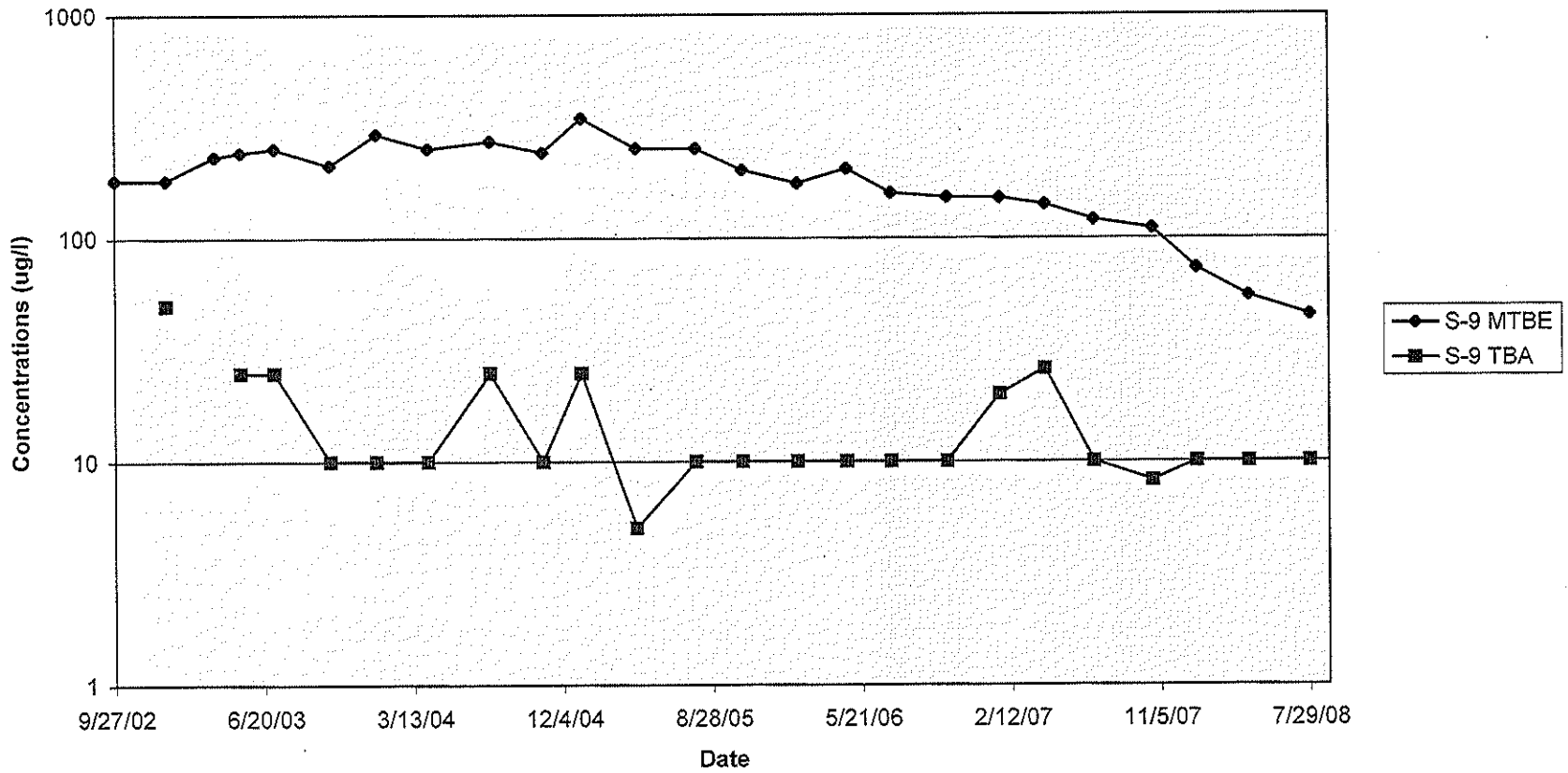
Graph 2  
MTBE and TBA Concentrations  
Well S-6  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, California



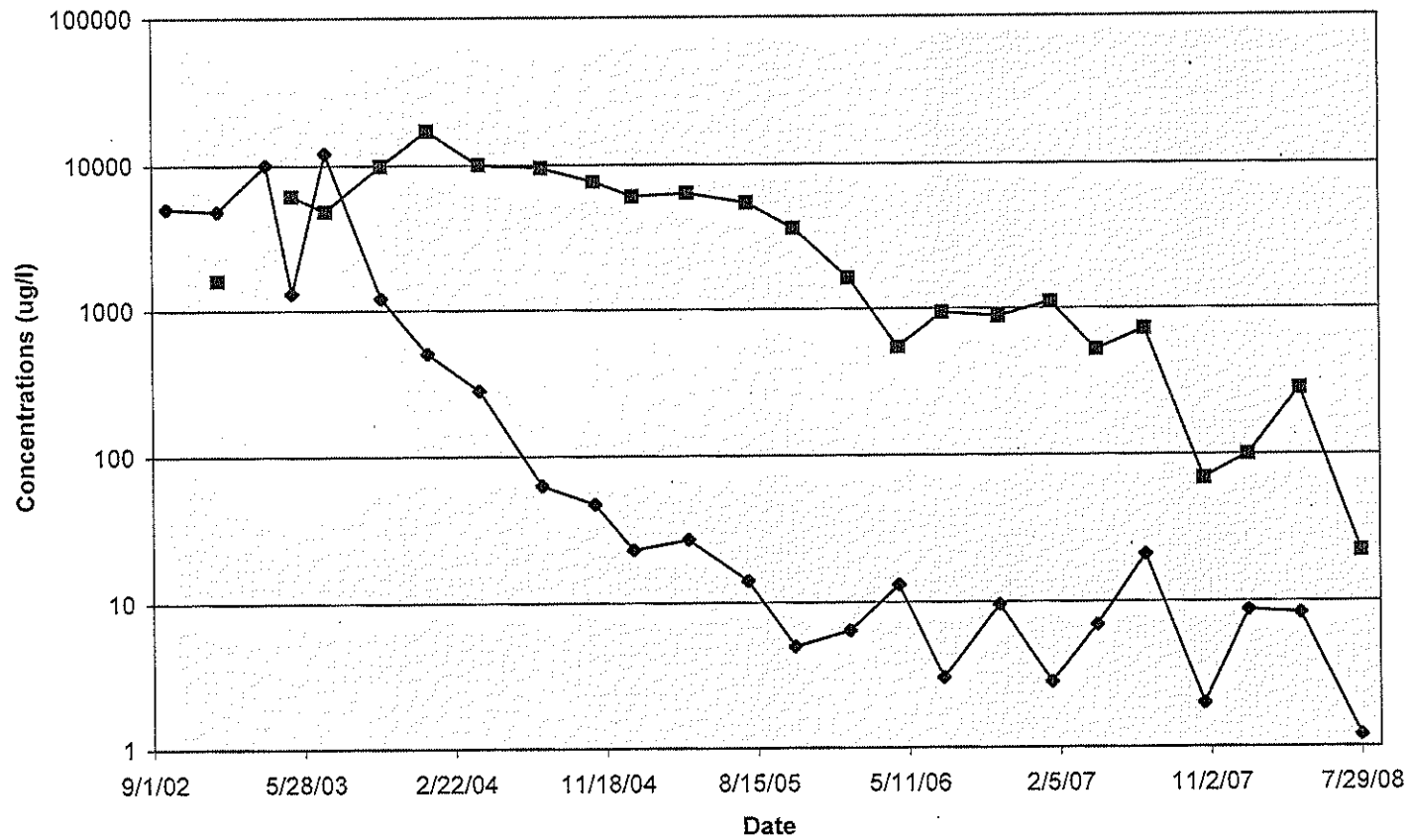
**Graph 3**  
**MTBE and TBA Concentrations**  
**Well S-7**  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, California



Graph 4  
MTBE and TBA Concentrations  
Well S-9  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, California



**Graph 5**  
**MTBE and TBA Concentrations**  
**Well SR-2**  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, California



**APPENDIX A**

**FIELD DATA SHEETS**



# SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 3790 Hopyard Rd. Pleasanton, CA Date 07-29-08

Job Number 080729-BD1 Technician M. Todi / B. Doshier Page 2 of 2

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements "See Below"	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
12 S-2	X								no tag
1 S-3	X								no tag
S-5	X								" "
S-5B	X								" "
S-5C	X								" "
19 S-6	X		X						no tag
S-7	X								" "
11 S-8	X								no tag
S-9	X								" "
10 S-9B	X								no tag
5 S-9C	X								no tag
9 S-10	X								no tag
S-11	X								" "
4 S-12	X								no tag
S-14	X								" "
S-15	X								" "
SX-1	X								" "

\*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 # 080724-~~AA~~<sup>BDI</sup> Date 07.29.08 Client Shell

Site 3790 Hayward Rd. Pleasanton, CA

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 <u>TOC</u>	Notes
S-2	0810	3					15.00	34.57		
S-3	0755	3					13.25	35.34		
S-5	0840	3					16.22	35.70		
S-5B	0835	4					32.33	61.49		
S-5C	0829	4					32.48	76.76		
S-6	1030	3					15.84	34.35		TRAFFIC
S-7	1030	3					17.35	34.50		
S-8	0855	3					15.45	34.30		
S-9	0800	3					18.33	34.45		
S-9B	0802	4					31.64	59.25		
S-9C	0758	4					31.55	78.30		
S-10	1056	3					14.50	34.30		TRAFFIC
S-11	1057	2				17.31	<del>24.90</del>	24.90		
S-12	0830	2					17.00	24.55		
S-14	0815	4					18.30	24.59		
S-15	0819	4					23.91	24.60		
S-1	0853	4					15.70	33.70	↓	

# WELL GAUGING DATA

Project # 080729 <sup>BD1</sup> Date 07.29.08 Client Shell

Site 3790 Hopyard Rd., Pleasanton, CA

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
SR-2	0845	4	425				14.81	33.93	↓	
SR-3	0900	4					14.85	33.30		
S-4	0907	3	412				14.64	35.73		
C-1	0810	crack					—	31.00	Bridge	
		3ft to the left of notch					30.91	31.60	↓	



## SHELL WELL MONITORING DATA SHEET

BTS #: <u>080729.BD1</u>	Site: <u>98995842</u>
Sampler: <u>BP</u>	Date: <u>07-29-08</u>
Well I.D.: <u>5-3</u>	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): <u>35.34</u>	Depth to Water (DTW): <u>13.25</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>17.66</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

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

8.1 (Gals.) X 3 = 24.3 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
<u>1146</u>	<u>71.6</u>	<u>6.85</u>	<u>3795</u>	<u>148</u>	<u>8.1</u>	<u>cloudy</u>
<u>1148</u>	<u>71.8</u>	<u>6.87</u>	<u>3891</u>	<u>87</u>	<u>16.2</u>	<u>clear</u>
<u>1150</u>	<u>71.9</u>	<u>6.87</u>	<u>3852</u>	<u>80</u>	<u>24.3</u>	<u>↓</u>

Did well dewater? Yes  No  Gallons actually evacuated: 24.3

Sampling Date: 07-29-08      Sampling Time: 1200      Depth to Water: 17.66

Sample I.D.: 5-3      Laboratory: STL      Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: OXY's; Ethanol

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 #: 080729.BD1	Site: 98995842
Sampler: MT	Date: 07-29-08
Well I.D.: S-5	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 35.70	Depth to Water (DTW): 16.22
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]: 20.12	

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

$7.2 \text{ (Gals.)} \times 3 = 21.6 \text{ Gals.}$ <p>1 Case Volume      Specified Volumes      Calculated Volume</p>	<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
1324	74.9	6.59	1085	164	7.2	
1325	73.6	6.49	1123	169	14.4	
1327	73.5	6.46	1073	111	21.6	
					DTW - 27.10	

Did well dewater? Yes  No  Gallons actually evacuated: 21.6

Sampling Date: 07-29-08      Sampling Time: 1424      Depth to Water: 17.80

Sample I.D.: S-5      Laboratory: STL      Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: OXY'S, Ethanol

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 080729.BD1	Site: 98995842
Sampler: MT	Date: 07-29-08
Well I.D.: S-5B	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 61.49	Depth to Water (DTW): 32.33
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]: 38.16	

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

$19 \text{ (Gals.)} \times 3 = 57 \text{ Gals.}$ 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>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1134	71.8	7.22	3968	16.2	29	
1138	69.9	7.21	4035	4.6	38	
1142	69.1	7.21	4059	3.97	57	

Did well dewater? Yes  No  Gallons actually evacuated: 57

Sampling Date: 07-29-08      Sampling Time: 1157      Depth to Water: 32.93

Sample I.D.: S-5B      Laboratory: STL      Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: OXY'S, Ethanol

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 080729.BD1	Site: 98995842
Sampler: MT	Date: 07-29-08
Well I.D.: S-5C	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 76.76	Depth to Water (DTW): 32.48
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]: 41.37	

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

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

$29 \text{ (Gals.)} \times 3 = 87 \text{ Gals.}$ I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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 μS)	Turbidity (NTUs)	Gals. Removed	Observations
1257	73.2	7.45	4615	3.97	29	
1303	70.7	7.26	4675	14.9	58	
1309	70.0	7.34	4659	5.12	87	

Did well dewater?    Yes    No      Gallons actually evacuated: 87

Sampling Date: 07-29-08      Sampling Time: 1315      Depth to Water: 32.85

Sample I.D.: S-5C      Laboratory: STL    Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D    Other: OXY'S, Ethanol

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 #: 080729.BD1	Site: 98995842
Sampler: MT	Date: 07-29-08
Well I.D.: S-7	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 34.50	Depth to Water (DTW): 17.35
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]: Fracture	

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

$6.4 \text{ (Gals.)} \times 3 = 19.2 \text{ Gals.}$ <p>1 Case Volume      Specified Volumes      Calculated Volume</p>	<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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1031	71.9	6.81	2553	502	6.4	
1032	70.7	6.88	2465	125	12.8	
1034	70.1	6.83	2561	432	19.2	

Did well dewater? Yes  No  Gallons actually evacuated: 19.2

Sampling Date: 07-29-08      Sampling Time: 1039      Depth to Water: 26.05

Sample I.D.: S-7      Laboratory: STL      Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: Oxy's, Ethanol

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 #: 080729.0D1	Site: 98995842
Sampler: MT	Date: 07-29-08
Well I.D.: 5-8	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 84.30	Depth to Water (DTW): 15.45
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]: 19.22	

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

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

7 (Gals.) X 3 = 21 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 $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
0933	69.9	6.53	34.25	44.1	7	
0935	69.5	6.44	35.36	194	14	
0936	69.5	6.51	39.73	989	21	
						DTW - 29.23

Did well dewater? Yes  No  Gallons actually evacuated: 21

Sampling Date: 07-29-08      Sampling Time: 10:07      Depth to Water: 17.32

Sample I.D.: 5-8      Laboratory: STL      Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: OXY'S, Ethanol

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 #: 080729.BD1	Site: 98995842
Sampler: MT	Date: 07.29.08
Well I.D.: S-9	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): 34.45	Depth to Water (DTW): 18.33
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]: 21.55	

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

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

6 (Gals.) X 3 = 18 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
0914	69.4	6.69	2649	86.6	6	
0915	69.2	6.73	2690	32.6	12	
0916	69.0	6.77	2679	44.1	18	
						DTW - 26.83

Did well dewater? Yes  No  Gallons actually evacuated: 18

Sampling Date: 07.29.08      Sampling Time: 0950      Depth to Water: 19.23

Sample I.D.: S-9      Laboratory: STL      Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: OXY'S, Ethanol

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

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## SHELL WELL MONITORING DATA SHEET

BTS #: <u>080729.BD1</u>	Site: <u>98995842</u>
Sampler: <u>BD</u>	Date: <u>07-29-08</u>
Well I.D.: <u>S-10</u>	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): <u>34.30</u>	Depth to Water (DTW): <u>14.50</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd): YSI <input type="checkbox"/> HACH <input type="checkbox"/>
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>TRAFFIC</u>	

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: \_\_\_\_\_

7.3 (Gals.) X 3 = 21.9 Gals.  
 I 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 $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1058</u>	<u>70.6</u>	<u>6.50</u>	<u>1627</u>	<u>248</u>	<u>7.3</u>	<u>cloudy / grey</u>
<u>1059</u>	<u>70.7</u>	<u>6.38</u>	<u>1825</u>	<u>204</u>	<u>14.6</u>	
<u>1101</u>	<u>70.0</u>	<u>6.37</u>	<u>1907</u>	<u>121</u>	<u>21.9</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 21.9

Sampling Date: 07-29-08 Sampling Time: 1105 Depth to Water: 24.22 TRAFFIC

Sample I.D.: S-10 Laboratory: STL Other: CALSCIENCE

Analyzed for:  TPH-G  BTEX  MTBE  TPH-D Other: OXY'S, Ethanol

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 #: 080729-BD1	Site: 98995842
Sampler: MT	Date: 07-29-08
Well I.D.: S-11	Well Diameter: ② 3 4 6 8
Total Well Depth (TD): 24.90	Depth to Water (DTW): 17.31
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]:	

Purge Method: <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other: _____
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$1.2 \text{ (Gals.)} \times 3 = 3.6 \text{ Gals.}$ I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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
1059	69.1	6.57	3237	66.1	1.2	
1101	67.8	6.44	3262	64.1	2.4	
	67.5	6.44	3269	69.7	3.6	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: 3.6	
Sampling Date: 07-29-08	Sampling Time: 1107	Depth to Water: 19.83
Sample I.D.: S-11	Laboratory: STL	Other: CALSCIENCE
Analyzed for: <u>IPH-G</u> <u>BTEX</u> MTBE TPH-D	Other: OXY'S, Ethanol	
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 #: 080729.BD1	Site: 98995842
Sampler: BD	Date: 07-29-08
Well I.D.: 5-12	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth (TD): 24.55	Depth to Water (DTW): 17.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd):    YSI    HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <sup>7.55</sup> 18.51	

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

1.2 (Gals.) X 3 = 3.6 Gals.  
 I 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 <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
1339	78.3	6.36	2729	693	1.2	Grey
1341	73.1	6.26	2714	485	2.4	↓
1343	72.2	6.32	2718	502	3.6	

Did well dewater?    Yes     No    Gallons actually evacuated: 3.6

Sampling Date: 07-29-08    Sampling Time: 1347    Depth to Water: 17.50

Sample I.D.: 5-12    Laboratory: STL    Other: CALSCIENCE

Analyzed for:  TPH-G     BTEX     MTBE     TPH-D    Other: OXY'S, Ethanol

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 #: 080729-BD1	Site: 98995842
Sampler: MT	Date: 07-29-08
Well I.D.: SR-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 33.70	Depth to Water (DTW): 15.70
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]: 19.30	

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

$11.7 \text{ (Gals.)} \times 3 = 35.1 \text{ Gals.}$ I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> + 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> + 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> + 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1407	77.6	6.59	3495	49.6	11.7	
1409	74.9	6.51	3625	17.1	23.4	
1411	72.0	6.49	3698	20.5	35.1	
						DTW - 26.05

Did well dewater? Yes  No  Gallons actually evacuated: 35.1

Sampling Date: 07-29-08      Sampling Time: 1450      Depth to Water: 19.30 (corrected)

Sample I.D.: SR-1      Laboratory: STL      Other: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: OXY'S, Ethanol

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>080729.BD1</u>	Site: <u>98995842</u>
Sampler: <u>BD</u>	Date: <u>07-29-08</u>
Well I.D.: <u>SR-3</u>	Well Diameter: 2 3 <input checked="" type="radio"/> 6 8 _____
Total Well Depth (TD): <u>33.30</u>	Depth to Water (DTW): <u>14.85</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>18.54</u>	

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: \_\_\_\_\_

$\frac{11.9 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = 35.7 \text{ Gals.}$ <p style="text-align: center; margin: 0;">Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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 <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1418</u>	<u>81.6</u>	<u>6.96</u>	<u>1869</u>	<u>282</u>	<u>11.9</u>	<u>cloudy / odor</u>
<u>1420</u>	<u>78.9</u>	<u>6.41</u>	<u>1861</u>	<u>104</u>	<u>23.8</u>	<u>odor</u>
<u>1422</u>	<u>78.1</u>	<u>6.43</u>	<u>1861</u>	<u>89</u>	<u>35.7</u>	<u>clear / odor</u>

Did well dewater? Yes  No  Gallons actually evacuated: 35.7

Sampling Date: 07-29-08 Sampling Time: 1430 Depth to Water: 18.54

Sample I.D.: SR-3 Laboratory: STL Other CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxy's, Ethanol

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

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

**APPENDIX B**

**FIELD PROCEDURES**

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**BLAINE**  
TECH SERVICES INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

August 19, 2008

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

Third Quarter 2008 Groundwater Monitoring at  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, CA

Monitoring performed on July 29, 2008

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Groundwater Monitoring Report **080729-BD-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,

Mike Ninokata  
Project Manager

MN/tm

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

cc: Elisabeth Silver  
Delta Environmental  
911 S. Primrose Ave., Suite K  
Monrovia, CA 91016

# BLAINE TECH SERVICES, INC. METHODS AND PROCEDURES FOR THE ROUTINE MONITORING OF GROUNDWATER WELLS AT SHELL SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling -water - 748684 ) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

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## SAMPLING PROCEDURES OVERVIEW

### SAFETY

All groundwater monitoring assignments performed for Shell comply with Shell's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Shell site.

### INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

### EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.



Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

#### PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

#### DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewateres and does not immediately recharge.

#### MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed a minimum of 2 hours to recharge prior to sampling. The water level at time of sampling will be noted.

#### PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Shell approved disposal facility.

## SAMPLE COLLECTION DEVICES

All samples are collected using a stainless steel, Teflon or disposable ballers.

## SAMPLE CONTAINERS

Sample material is decanted directly from the sampling baller into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the baller to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

## TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

## DUPLICATES

Duplicates, if requested, may be collected at a site. The Field Technician uses their discretion in choosing the well at which the Duplicate is collected, typically one suspected of containing measurable contaminants. The Duplicate sample is labeled "DUP" and the time of collection is omitted from the COC, thus rendering the sample blind.

## SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

## DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

## DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

## DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 54, 58 or 95) or HACH field test kits.

The YSI meters are equipped with a stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column. The reading is allowed to stabilize prior to collection.

## OXYIDATON REDUCTION POTENTIAL READINGS

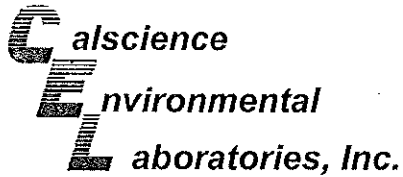
All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

## FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

**APPENDIX C**

**LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION**



August 13, 2008

Michael Ninokata  
Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 08-08-0031**  
Client Reference: **3790 Hopyard Rd., Pleasanton, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/1/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Jessie Kim". The signature is written in a cursive style with a large, looping "J" and "K".

Calscience Environmental  
Laboratories, Inc.  
Jessie Kim  
Project Manager

A handwritten signature in black ink, appearing to read "Jessie Kim". The signature is written in a cursive style with a large, looping "J" and "K".

## Analytical Report



Blaine Tech Services, Inc.  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105

Date Received: 08/01/08  
 Work Order No: 08-08-0031  
 Preparation: EPA 5030B  
 Method: LUFT GC/MS / EPA 8260B  
 Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Page 1 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9B	08-08-0031-1-A	07/29/08 15:11	Aqueous	GC/MS UU	08/02/08	08/02/08 16:31	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	4.1	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	94	70-130		

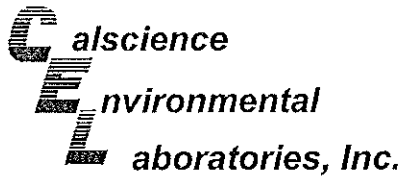
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9C	08-08-0031-2-A	07/29/08 15:03	Aqueous	GC/MS UU	08/02/08	08/02/08 16:55	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	70-130			1,4-Bromofluorobenzene-TPPH	96	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10	08-08-0031-3-A	07/29/08 11:05	Aqueous	GC/MS UU	08/02/08	08/02/08 17:18	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	14	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	320	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	91	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B  
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Page 2 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-11	08-08-0031-4-A	07/29/08 11:07	Aqueous	GC/MS UU	08/02/08	08/02/08 17:42	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	58	50	1		Methyl-t-Butyl Ether (MTBE)	31	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	94	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-12	08-08-0031-5-A	07/29/08 13:47	Aqueous	GC/MS UU	08/02/08	08/02/08 18:05	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	140	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	94	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-1	08-08-0031-6-A	07/29/08 14:56	Aqueous	GC/MS UU	08/02/08	08/02/08 18:29	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	100	50	1		Methyl-t-Butyl Ether (MTBE)	4.4	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	23	10	1	
Ethylbenzene	1.7	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	92	70-130			1,4-Bromofluorobenzene-TPPH	93	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



Blaine Tech Services, Inc.  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105

Date Received: 08/01/08  
 Work Order No: 08-08-0031  
 Preparation: EPA 5030B  
 Method: LUFT GC/MS / EPA 8260B  
 Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Page 3 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	08-08-0031-7-A	07/29/08 13:10	Aqueous	GC/MS UU	08/02/08	08/02/08 18:52	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	1.2	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	22	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	08-08-0031-8-A	07/29/08 14:30	Aqueous	GC/MS UU	08/02/08	08/02/08 19:16	080802L01

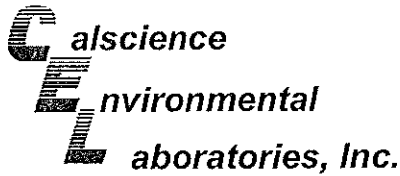
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	60	50	1		Methyl-t-Butyl Ether (MTBE)	7.1	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	570	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	08-08-0031-9-A	07/29/08 15:15	Aqueous	GC/MS UU	08/02/08	08/02/08 19:39	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	370	250	5		Methyl-t-Butyl Ether (MTBE)	18	5.0	5	
Benzene	5.3	2.5	5		Tert-Butyl Alcohol (TBA)	2300	50	5	
Ethylbenzene	ND	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	ND	5.0	5		Ethanol	ND	500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	92	70-130			1,4-Bromofluorobenzene-TPPH	92	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B  
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Page 4 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	08-08-0031-10-A	07/29/08 12:00	Aqueous	GC/MS UU	08/02/08	08/02/08 13:24	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	13	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	170	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	96	70-130			1,4-Bromofluorobenzene-TPPH	96	70-130		

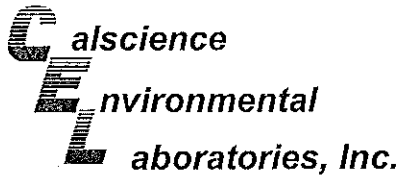
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	08-08-0031-11-B	07/29/08 15:50	Aqueous	GC/MS UU	08/05/08	08/05/08 14:06	080805L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	190	50	1		Methyl-t-Butyl Ether (MTBE)	24	1.0	1	
Benzene	1.1	0.50	1		Tert-Butyl Alcohol (TBA)	1500	50	5	
Ethylbenzene	1.3	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	70-130			1,4-Bromofluorobenzene-TPPH	97	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	08-08-0031-12-A	07/29/08 14:24	Aqueous	GC/MS UU	08/02/08	08/02/08 20:26	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	350	50	1		Methyl-t-Butyl Ether (MTBE)	4.4	1.0	1	
Benzene	1.1	0.50	1		Tert-Butyl Alcohol (TBA)	18	10	1	
Ethylbenzene	3.9	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	2.3	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	96	70-130			1,4-Bromofluorobenzene-TPPH	96	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B  
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5B	08-08-0031-13-A	07/29/08 11:57	Aqueous	GC/MS UU	08/02/08	08/02/08 20:49	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	100	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	88	70-130			1,4-Bromofluorobenzene-TPPH	88	70-130		

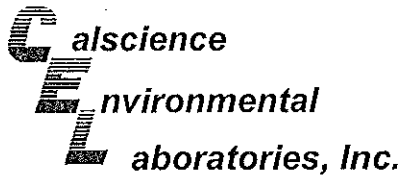
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5C	08-08-0031-14-A	07/29/08 13:15	Aqueous	GC/MS UU	08/02/08	08/03/08 01:31	080802L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	95	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	08-08-0031-15-A	07/29/08 10:38	Aqueous	GC/MS UU	08/02/08	08/02/08 21:13	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	1100	250	5		Methyl-t-Butyl Ether (MTBE)	15	5.0	5	
Benzene	ND	2.5	5		Tert-Butyl Alcohol (TBA)	1700	50	5	
Ethylbenzene	ND	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	ND	5.0	5		Ethanol	ND	500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B  
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-7	08-08-0031-16-A	07/29/08 10:39	Aqueous	GC/MS UU	08/02/08	08/02/08 21:36	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	21	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	92	70-130		

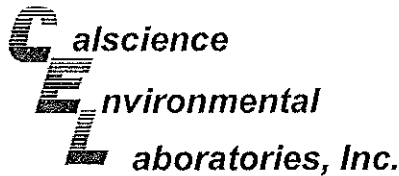
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	08-08-0031-17-A	07/29/08 10:07	Aqueous	GC/MS UU	08/02/08	08/03/08 02:41	080802L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	14	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	96	70-130			1,4-Bromofluorobenzene-TPPH	96	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	08-08-0031-18-A	07/29/08 09:50	Aqueous	GC/MS UU	08/02/08	08/03/08 03:04	080802L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	85	50	1		Methyl-t-Butyl Ether (MTBE)	45	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	230	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	91	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B  
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Page 7 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-715-702	N/A	Aqueous	GC/MS UU	08/02/08	08/02/08 13:00	080802L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	70-130			1,4-Bromofluorobenzene-TPPH	95	70-130		

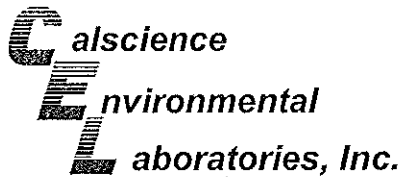
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-715-710	N/A	Aqueous	GC/MS UU	08/02/08	08/03/08 01:07	080802L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	70-130			1,4-Bromofluorobenzene-TPPH	97	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-715-715	N/A	Aqueous	GC/MS UU	08/05/08	08/05/08 12:26	080805L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	93	70-130			1,4-Bromofluorobenzene-TPPH	93	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

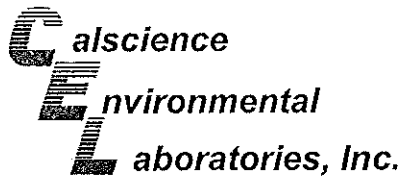
Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-3	Aqueous	GC/MS UU	08/02/08	08/02/08	080802S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	107	70-130	9	0-30	
Ethylbenzene	103	104	70-130	1	0-30	
Toluene	96	96	70-130	0	0-30	
p/m-Xylene	105	106	70-130	1	0-30	
o-Xylene	103	104	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	114	117	70-130	3	0-30	
Tert-Butyl Alcohol (TBA)	101	100	70-130	0	0-30	
Diisopropyl Ether (DIPE)	115	117	70-130	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	109	111	70-130	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	100	106	70-130	7	0-30	
Ethanol	71	92	70-130	18	0-30	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

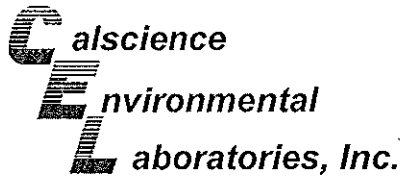
Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-5C	Aqueous	GC/MS UU	08/02/08	08/03/08	080802S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	99	70-130	6	0-30	
Ethylbenzene	99	97	70-130	2	0-30	
Toluene	93	91	70-130	3	0-30	
p/m-Xylene	101	97	70-130	4	0-30	
o-Xylene	102	98	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	120	115	70-130	4	0-30	
Tert-Butyl Alcohol (TBA)	119	110	70-130	8	0-30	
Diisopropyl Ether (DIPE)	117	114	70-130	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	113	109	70-130	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	108	97	70-130	11	0-30	
Ethanol	110	113	70-130	3	0-30	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

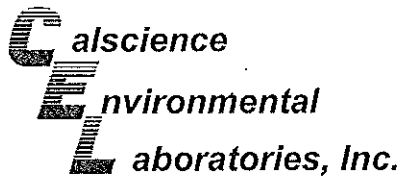
Date Received: 08/01/08  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-08-0037-14	Aqueous	GC/MS UU	08/05/08	08/05/08	080805S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	110	104	70-130	6	0-30	
Ethylbenzene	106	104	70-130	2	0-30	
Toluene	105	97	70-130	8	0-30	
p/m-Xylene	110	107	70-130	3	0-30	
o-Xylene	107	106	70-130	0	0-30	
Methyl-t-Butyl Ether (MTBE)	112	116	70-130	3	0-30	
Tert-Butyl Alcohol (TBA)	102	103	70-130	2	0-30	
Diisopropyl Ether (DIPE)	115	118	70-130	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	109	112	70-130	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	104	102	70-130	2	0-30	
Ethanol	108	106	70-130	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: N/A  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

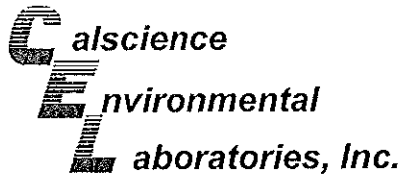
Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-702	Aqueous	GC/MS UU	08/02/08	08/02/08	080802L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	101	94	65-135	7	0-30	
Benzene	108	111	70-130	3	0-30	
Ethylbenzene	105	107	70-130	2	0-30	
Toluene	97	103	70-130	6	0-30	
p/m-Xylene	108	110	70-130	2	0-30	
o-Xylene	105	109	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	114	114	70-130	1	0-30	
Tert-Butyl Alcohol (TBA)	96	93	70-130	3	0-30	
Diisopropyl Ether (DIPE)	118	120	70-130	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	110	112	70-130	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	104	105	70-130	1	0-30	
Ethanol	107	103	70-130	4	0-30	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

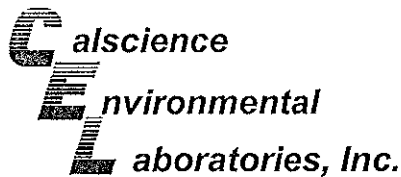
Date Received: N/A  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-710	Aqueous	GC/MS UU	08/02/08	08/03/08	080802L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	91	92	65-135	2	0-30	
Benzene	95	103	70-130	9	0-30	
Ethylbenzene	98	98	70-130	0	0-30	
Toluene	92	91	70-130	1	0-30	
p/m-Xylene	100	101	70-130	1	0-30	
o-Xylene	100	101	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	116	114	70-130	1	0-30	
Tert-Butyl Alcohol (TBA)	99	91	70-130	9	0-30	
Diisopropyl Ether (DIPE)	116	115	70-130	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	109	110	70-130	0	0-30	
Tert-Amyl-Methyl Ether (TAME)	99	103	70-130	4	0-30	
Ethanol	98	98	70-130	0	0-30	

RPD - Relative Percent Difference, CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: N/A  
Work Order No: 08-08-0031  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-715	Aqueous	GC/MS UU	08/05/08	08/05/08	080805L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	116	120	65-135	3	0-30	
Benzene	104	99	70-130	5	0-30	
Ethylbenzene	102	104	70-130	2	0-30	
Toluene	94	98	70-130	4	0-30	
p/m-Xylene	104	107	70-130	3	0-30	
o-Xylene	104	107	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	114	113	70-130	0	0-30	
Tert-Butyl Alcohol (TBA)	97	99	70-130	2	0-30	
Diisopropyl Ether (DIPE)	116	115	70-130	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	108	108	70-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	102	96	70-130	7	0-30	
Ethanol	108	107	70-130	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 08-08-0031

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	A Marginal Exceedance (ME) is defined as a LCS percent recovery beyond the normal 3 standard deviation Control Limits but still within the marginal exceedance limits (set at 4 standard deviations from the mean)
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



LAB (LOCATION)

- CALSCIENCE ( )
- SPL ( )
- XENCO ( )
- TEST AMERICA ( )
- OTHER ( )



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

<input checked="" type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SD&CM	<input type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2

PO #: \_\_\_\_\_ SAP #: \_\_\_\_\_

DATE: 7/29/08

PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS: Street and City: 3790 Hopyard Rd., Pleasanton CA

GLOBAL ID NO: T0600101257

EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office

PHONE NO: 626.256.6662

E-MAIL: jsuing@deltaenv.com

CONSULTANT PROJECT NO: BTS # 080724-501

PROJECT CONTACT (Hard copy or PDF Report to): Michael Ninokata

TELEPHONE: (408)573-0555 FAX: (408)573-7771 E-MAIL: mninokata@blainetech.com

TURNAROUND TIME (CALENDAR DAYS):  STANDARD (14 DAY)  5 DAYS  3 DAYS  2 DAYS  24 HOURS  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES: CC Rich Garlow rgarlow@deltaenv.com with final report. Run TPH-d w/Silica Gel Clean Up

RECEIPT VERIFICATION REQUESTED

LAB USE ONLY: 08-0031

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS												TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes			
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)			Methanol (8015M)		
	1 S-9B	07/29/08	1511	W	3					3	X	X	X														
	2 S-9C		1503								X	X	X														
	3 S-10		1105								X	X	X														
	4 S-11		1107								X	X	X														
	5 S-12		1547								X	X	X														
	6 SR-1		1450								X	X	X														
	7 SR-2		1310								X	X	X														
	8 SR-3		1450								X	X	X														
											X	X	X														

Relinquished by: (Signature)	Received by: (Signature)	Date: 7/29/08	Time: 1707
Relinquished by: (Signature)	Received by: (Signature)	Date: 7/31/08	Time: 1630
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

08-01-08 10:00 03/2/06 Revision

TRK#: S10M970A7

LAB (LOCATION)

- CALSCEANCE ( )
- SPL ( )
- XENCO ( )
- TEST AMERICA ( )
- OTHER ( )



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

<input checked="" type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SO&CN	<input type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

Print Bill To: Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2

PO # \_\_\_\_\_ SAP # \_\_\_\_\_

DATE: 7/29/08

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
 PROJECT CONTACT (Hardcopy or PDF Report): Michael Ninokata
 TEL: (408)573-0555 FAX: (408)573-7771 E-MAIL: mninokata@blainetech.com

LAB USE ONLY: 08-003

TURNAROUND TIME (CALENDAR DAYS):  STANDARD (14 DAY)  5 DAYS  3 DAYS  2 DAYS  24 HOURS  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

CC Rich Garlow rgarlow@deltaenv.com with final report.

Run TPH-d w/Silica Gel Clean Up

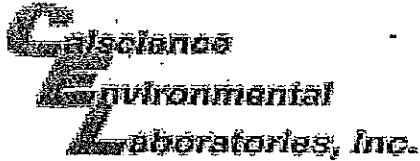
RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS											TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes				
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)			Ethanol (8260B)	Methanol (8015M)		
	9 S-2	7/29/08	1515	W	3						3	X	X	X													
	10 S-3		1200									X	X	X													
	11 S-4		1750									X	X	X													
	12 S-5		1424									X	X	X													
	13 S-5B		1157									X	X	X													
	14 S-5C		1315									X	X	X													
	15 S-6		1058									X	X	X													
	16 S-7		1039									X	X	X													
	17 S-8		1007									X	X	X													
	18 S-9		0956									X	X	X													

Relinquished by: (Signature)	Received by: (Signature)	Date: 7/29/08	Time: 1707
Relinquished by: (Signature)	Received by: (Signature)	Date: 7/31/08	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date: 7-31-08	Time: 1730

08-01-08 10:00

TRK#: S10092047



WORK ORDER #: **08** -   -

Cooler 1 of 1

### SAMPLE RECEIPT FORM

CLIENT: BLAINE TECH

DATE: 08-01-08

**TEMPERATURE – SAMPLES RECEIVED BY:**

<b>CALSCIENCE COURIER:</b>	<b>LABORATORY (Other than Calscience Courier):</b>
<input type="checkbox"/> Chilled, cooler with temperature blank provided.	<input type="checkbox"/> °C Temperature blank.
<input type="checkbox"/> Chilled, cooler without temperature blank.	<input checked="" type="checkbox"/> <u>4.3</u> °C IR thermometer.
<input type="checkbox"/> Chilled and placed in cooler with wet ice.	<input type="checkbox"/> Ambient temperature (For Air & Filter only).
<input type="checkbox"/> Ambient and placed in cooler with wet ice.	
<input type="checkbox"/> Ambient temperature (For Air & Filter only).	
<input type="checkbox"/> °C Temperature blank.	Initial: <u>TD</u>

**CUSTODY SEAL INTACT:**

Sample(s): \_\_\_\_\_ Cooler: \_\_\_\_\_ No (Not Intact) : \_\_\_\_\_ Not Present:

Initial: TD

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VOA vial(s) free of headspace. ....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: TD

**COMMENTS:**

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