



**CONESTOGA-ROVERS  
& ASSOCIATES**

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**TRANSMITTAL**

DATE: October 5, 2011 REFERENCE NO.: 200497  
PROJECT NAME: 3790 Hopyard Road, Pleasanton  
TO: Jerry Wickham  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**RECEIVED**  
*2:04 pm, Oct 10, 2011*  
Alameda County  
Environmental Health

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 Prints

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - Third Quarter 2011

As Requested  For Review and Comment  
 For Your Use  \_\_\_\_\_  
 \_\_\_\_\_

**COMMENTS:**  
If you have any questions regarding the contents of this document, please call Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, Shell Oil Products US (electronic copy)  
Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street, Pleasanton, CA 94566-6267  
Cheryl Dizon, Zone 7 Water Agency, 100 North Canyons Parkway, Livermore, CA 94551  
Sam Anabi, CAR Enterprises, 1040 North Benson Avenue, Upland, CA 91786-2157

Completed by: Peter Schaefer Signed: *Peter Schaefer*

Filing: Correspondence File



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

**Denis L. Brown**  
**Shell Oil Products US**  
HSE – Environmental Services  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039  
Tel (707) 865 0251  
Fax (707) 865 2542  
Email [denis.l.brown@shell.com](mailto:denis.l.brown@shell.com)

Re: Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, California  
SAP Code 135784  
Incident No. 98995842  
ACEH No. RO0000363

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is located below the word "Sincerely,".

Denis L. Brown  
Senior Program Manager



## **GROUNDWATER MONITORING REPORT - THIRD QUARTER 2011**

**SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD  
PLEASANTON, CALIFORNIA**

**SAP CODE           135784  
INCIDENT NO.     98995842  
AGENCY NO.       RO0000363**

**OCTOBER 5, 2011  
REF. NO. 200497 (3)**  
This report is printed on recycled paper.

**Prepared by:  
Conestoga-Rovers  
& Associates**

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## 1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

### 1.1 SITE INFORMATION

Site Address	3790 Hopyard Road, Pleasanton
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACEH, Jerry Wickham
Agency Case No.	RO0000363
Shell SAP Code	135784
Shell Incident No.	98995842

Date of most recent agency correspondence was May 9, 2011.

## 2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

### 2.1 CURRENT QUARTER'S ACTIVITIES

Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the established monitoring program for this site.

CRA prepared a vicinity map (Figure 1), a groundwater contour and chemical concentration map (Figure 2), and a groundwater data table (Table 1). Blaine's field notes are presented in Appendix A, and the laboratory report is presented in Appendix B.

CRA submitted a *Corrective Action Plan* recommending monitored natural attenuation on April 18, 2011.


## 2.2 CURRENT QUARTER'S FINDINGS

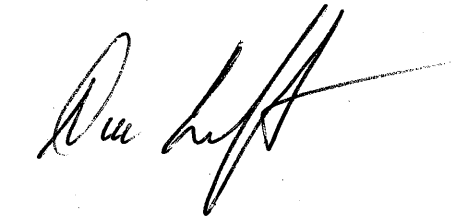
Groundwater Flow Direction	Generally southeasterly
Hydraulic Gradient	Averages 0.02
Depth to Water	12.95 to 34.97 feet below top of well casing

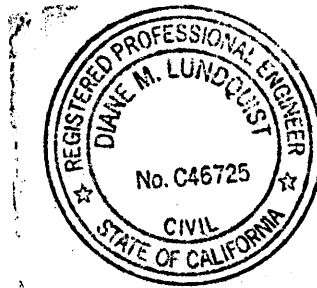
## 2.3 PROPOSED ACTIVITIES

Blaine will gauge and sample wells according to the established monitoring program for this site. This site is monitored semiannually during the first and third quarters, and CRA will issue groundwater monitoring reports semiannually following the sampling events.

All of Which is Respectfully Submitted,  
CONESTOGA-ROVERS & ASSOCIATES

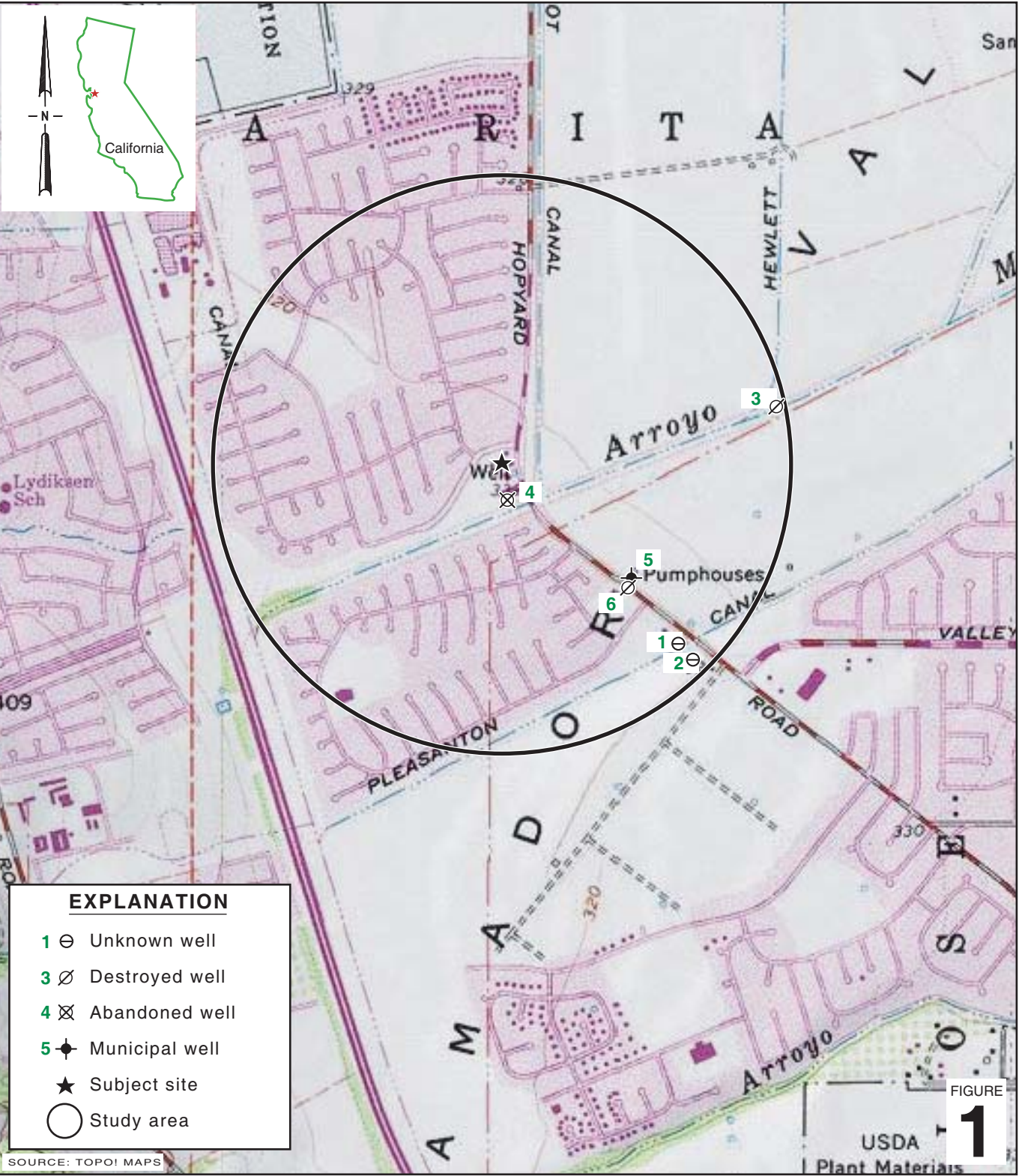
  
Peter Schaefer, CHG, CEG

  
Aubrey K. Cool, PG





## FIGURES

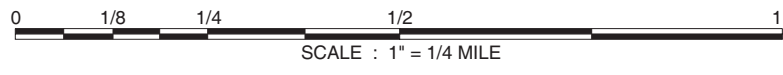


I:\Shell\6-chars\2004...\200497-Pleasanton 3790 Hopyard\200497-FIGURES\200497 VICINITY.AI

EXPLANATION	
1 ⊖	Unknown well
3 ∅	Destroyed well
4 ⊗	Abandoned well
5 ⚡	Municipal well
★	Subject site
○	Study area

SOURCE: TOPOI MAPS

FIGURE 1



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



**CONESTOGA-ROVERS  
 & ASSOCIATES**

**Vicinity Map**

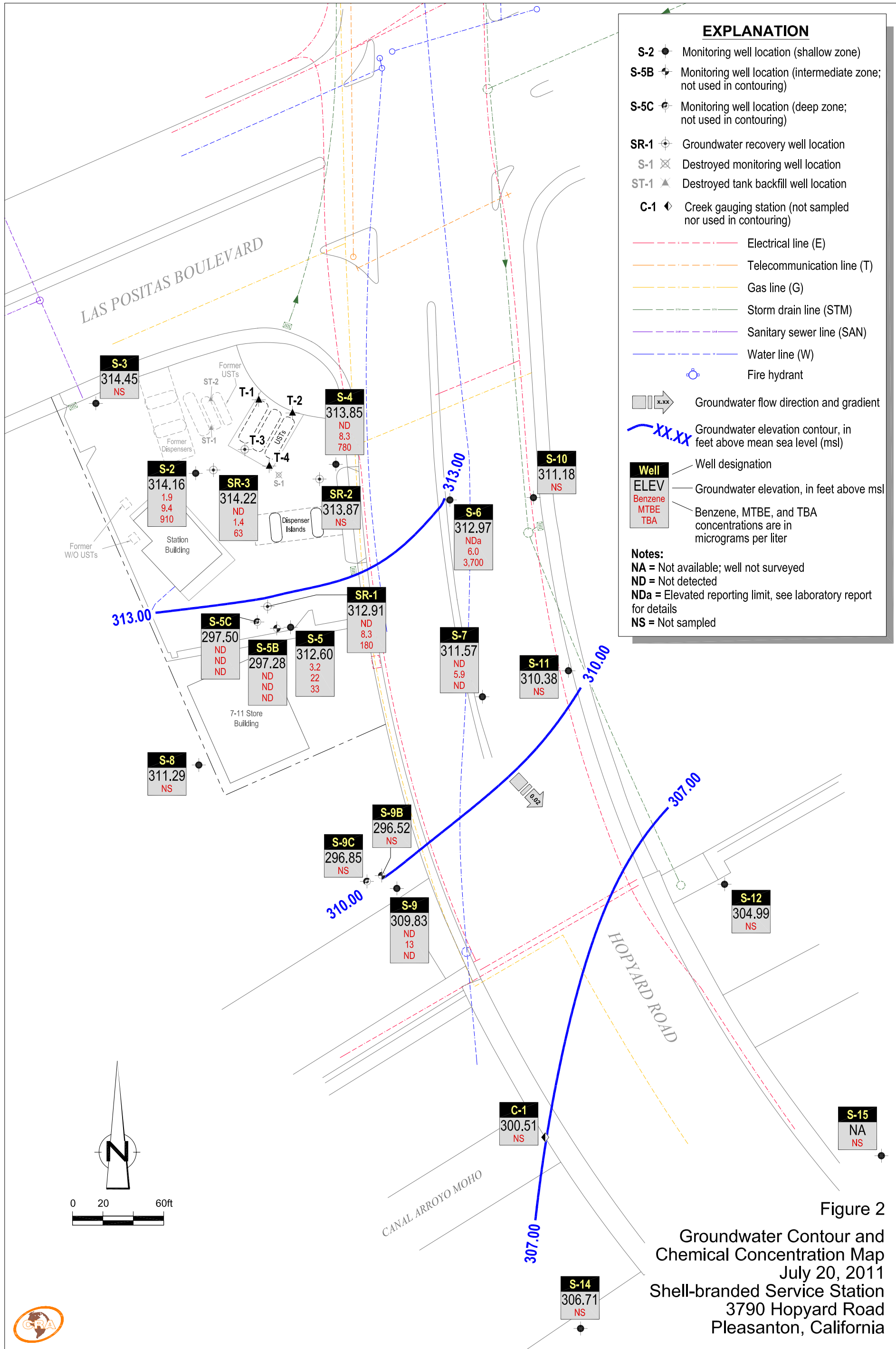


Figure 2  
 Groundwater Contour and  
 Chemical Concentration Map  
 July 20, 2011  
 Shell-branded Service Station  
 3790 Hopyard Road  
 Pleasanton, California

TABLE

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	11/06/1987	920	230	<5	150	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-1	02/14/1988	3,500	1,300	<40	500	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	11/06/1987	16,000	870	100	2,700	2,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	02/14/1988	1,800	440	<10	140	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	10/13/1988	550	110	1	45	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	01/31/1989	620	170	2	62	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	03/07/1989	1,900	260	270	130	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	06/26/1989	320	88	1	32	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	09/08/1989	230	80	1	30	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	12/14/1989	160	56	0.5	21	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	03/05/1990	710	57	<0.5	<0.5	88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	06/14/1990	110	39	0.5	11	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	10/02/1990	290	84	1.7	160	8.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	12/18/1990	61	18	1.4	2.2	2.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	03/20/1991	110	30	2.2	10	7	--	--	--	--	--	--	--	--	--	329.21	--	--	--	--
S-2	06/26/1991	50 a	6.3	<0.5	3.3	1.3	--	--	--	--	--	--	--	--	--	329.21	--	--	--	--
S-2	09/05/1991	90	12	3.2	2.5	2.3	--	--	--	--	--	--	--	--	--	329.21	--	--	--	--
S-2	12/13/1991	<50	12	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	15.85	313.36	--	--
S-2	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	329.21	14.94	314.27	--	--
S-2	06/24/1992	<50	0.9	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	15.78	313.43	--	--
S-2	09/17/1992	78	2.6	1.3	1.3	0.9	--	--	--	--	--	--	--	--	--	329.21	15.03	314.18	--	--
S-2	12/11/1992	<50	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	14.81	314.40	--	--
S-2	02/04/1993	55	1.3	0.7	0.7	<0.5	--	--	--	--	--	--	--	--	--	329.21	--	--	--	--
S-2	06/03/1993	<50	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	--	--	--	--
S-2	09/15/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	14.63	314.58	--	--
S-2	12/09/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	14.70	314.51	--	--
S-2	06/16/1994	<50	0.8	<0.5	0.7	<0.5	--	--	--	--	--	--	--	--	--	329.21	14.94	314.27	--	--
S-2	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	15.17	314.04	--	--
S-2	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.21	14.25	314.96	--	--
S-2	06/12/1996	<50	6.1	<0.5	<0.5	<0.5	48	--	--	--	--	--	--	--	--	329.21	14.31	314.90	--	--
S-2	06/25/1997	120	25	0.59	2.4	8.7	130	--	--	--	--	--	--	--	--	329.21	14.40	314.81	--	4.4
S-2	06/19/1998	450	96	<2.5	4	19	180	--	--	--	--	--	--	--	--	329.21	13.72	315.49	--	2.8
S-2	06/17/1999	312	74.4	2.04	1.02	<1.00	147	--	--	--	--	--	--	--	--	329.21	13.97	315.24	--	3.7
S-2	06/15/2000	1,050	261	<5.00	7.54	11.4	13,500	9,850 b	--	--	--	--	--	--	--	329.21	14.25	314.96	--	3.3

TABLE 1

GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	11/29/2000	<250	3.75	<2.50	<2.50	<2.50	12,400	10,700 b	--	--	--	--	--	--	--	329.21	14.82	314.39	--	2.2
S-2	03/07/2001	<500	14.7	<5.00	<5.00	<5.00	8,610	--	--	--	--	--	--	--	--	329.21	13.70	315.51	--	2.3
S-2	06/18/2001	<2,000	<20	<20	<20	<20	--	7,100	--	--	--	--	--	--	--	329.21	14.56	314.65	--	--
S-2	09/17/2001	<2,000	<10	<10	<10	<10	--	7,500	680	<10	<10	<10	--	--	<500	329.21	15.18	314.03	--	--
S-2	12/31/2001	<1,000	<10	<10	<10	<10	--	3,800	--	--	--	--	--	--	--	329.21	13.19	316.02	--	--
S-2	03/13/2002	<1,000	65	<10	13	<10	--	6,500	--	--	--	--	--	--	--	329.21	15.03	314.18	--	--
S-2	06/18/2002	520	28	<5.0	<5.0	<5.0	--	2,800	--	--	--	--	--	--	--	329.21	15.60	313.61	--	--
S-2	09/27/2002	<1,000	<10	<10	<10	<10	--	4,200	--	--	--	--	--	--	--	328.77	14.90	313.87	--	--
S-2	12/27/2002	<1,000	<10	<10	<10	<10	--	4,300	5,600	<10	<10	<10	<10	<10	--	328.77	14.40	314.37	--	--
S-2	03/24/2003	<2,500	28	<25	<25	<50	--	1,300	--	--	--	--	--	--	--	328.77	14.86	313.91	--	--
S-2	05/09/2003	<2,500	36	<25	35	<50	--	4,000	6,200	--	--	--	--	--	--	328.77	13.45	315.32	--	--
S-2	07/08/2003	<2,000	<20	<20	<20	<40	--	3,200	--	--	--	--	--	--	--	328.77	20.10	308.67	--	--
S-2	10/15/2003	960 e	6.9	<2.5	9.0	<5.0	--	90	2,400	--	--	--	--	--	--	328.77	16.67	312.10	--	--
S-2	01/06/2004	690	8.3	<0.50	0.72	2.8	--	82	860	--	--	--	--	--	--	328.77	21.00	307.77	--	--
S-2	04/07/2004	980 e	12	<2.5	<2.5	<5.0	--	28	2,500	--	--	--	--	--	--	328.77	16.62	312.15	--	--
S-2	07/27/2004	62	1.5	<0.50	<0.50	<1.0	--	16	550	<2.0	<2.0	<2.0	--	--	<50	328.77	16.64	312.13	--	--
S-2	10/29/2004	<250	<2.5	<2.5	<2.5	<5.0	--	22	1,800	<10	<10	<10	--	--	<250	328.77	16.43	312.34	--	--
S-2	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	--	21	2,700	<10	<10	<10	--	--	--	328.77	16.37	312.40	--	--
S-2	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	--	14	290	<0.50	<0.50	<0.50	--	--	<5.0	328.77	18.54	310.23	--	--
S-2	07/29/2005	1,300 g	<5.0	<5.0	<5.0	<10	--	19	1,000	<20	<20	<20	--	--	<500	328.77	21.37	307.40	--	--
S-2	10/20/2005	1,300	13	<1.0	9.8	2.6	--	26	730	<4.0	<4.0	<4.0	--	--	<100	328.77	21.88	306.89	--	--
S-2	01/26/2006	3,820	16.3	<0.500	5.78	<0.500	--	25.8	445	<0.500	<0.500	<0.500	--	--	<50.0	328.77	21.15	307.62	--	--
S-2	04/24/2006	4,720	68.8	1.44	115	8.31	--	1,600	1,010	<0.500	<0.500	<0.500	--	--	<50.0	328.77	13.80	314.97	--	--
S-2	07/12/2006	<50.0	14.4	<0.500	<0.500	<1.50	--	70.9	1,660	<0.500	<0.500	<0.500	--	--	<50.0	328.77	14.19	314.58	--	--
S-2	10/20/2006	108	5.52	<0.500	0.690	<0.500	--	17.9	382	<0.500	<0.500	<0.500	--	--	<50.0	328.77	14.13	314.64	--	--
S-2	01/22/2007	<50	0.40 m	<0.50	<0.50	<1.0	--	16	450	<1.0	<1.0	<1.0	--	--	<150	328.77	14.05	314.72	--	--
S-2	04/13/2007	52 k	0.53	<1.0	0.22 m	<1.0	--	14	660	<2.0	<2.0	<2.0	--	--	<100	328.77	14.09	314.68	--	--
S-2	07/09/2007	97 k,l	4.6	<1.0	<1.0	<1.0	--	23	1,500	<2.0	<2.0	<2.0	--	--	<100	328.77	13.33	315.44	--	--
S-2	10/22/2007	120 k	0.23 m	<1.0	<1.0	<1.0	--	13	2,400	<2.0	<2.0	<2.0	--	--	<100	328.77	14.70	314.07	--	--
S-2	01/09/2008	66 k	1.5 m	<5.0	<5.0	<5.0	--	12	1,500	<10	<10	<10	--	--	<500	328.77	13.65	315.12	--	--
S-2	04/11/2008	450	3.8	<5.0	<5.0	<5.0	--	37	4,300	<10	<10	<10	--	--	<500	328.77	14.47	314.30	--	--
S-2	07/29/2008	370	5.3	<5.0	<5.0	<5.0	--	18	2,300	<10	<10	<10	--	--	<500	328.77	15.00	313.77	--	--
S-2	10/29/2008	100	2.3	<1.0	<1.0	<1.0	--	11	710	<2.0	<2.0	<2.0	--	--	<100	328.77	15.10	313.67	--	--
S-2	01/21/2009	990	37	<1.0	8.8	1.4	--	83	1,200	<2.0	<2.0	<2.0	--	--	<100	328.77	13.89	314.88	--	--
S-2	04/16/2009	2,100	54	1.2	21	3.0	--	88	930	<2.0	<2.0	<2.0	--	--	<100	328.77	13.75	315.02	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	07/09/2009	620	16	<1.0	5.6	<1.0	--	35	900	<2.0	<2.0	<2.0	--	--	<100	328.77	15.18	313.59	--	--
S-2	01/11/2010	3,300	39	1.5	23	4.1	--	51	600	<2.0	<2.0	<2.0	--	--	<100	328.77	13.68	315.09	--	--
S-2	01/21/2011	2,000	21	0.99	21	3.0	--	25	820	<1.0	<1.0	<1.0	--	--	<150	328.77	13.75	315.02	--	--
S-2	07/20/2011	590	1.9	<1.0	<1.0	<2.0	--	9.4	910	--	--	--	--	--	<300	328.77	14.61	314.16	--	--
S-3	02/14/1988	<50	<0.5	<1	<4	<4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	10/13/1988	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	01/31/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	03/07/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	06/26/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	09/08/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	12/14/1989	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	03/05/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	06/14/1990	<500	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	10/02/1990	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	12/18/1990	<50	<0.5	1.6	<0.5	2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-3	03/20/1991	70	2.3	8.9	4	23	--	--	--	--	--	--	--	--	--	327.67	--	--	--	--
S-3	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	--	--	--	--
S-3	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	--	--	--	--
S-3	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	13.87	313.80	--	--
S-3	03/11/1992	<30	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	13.05	314.62	--	--
S-3	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	13.86	313.81	--	--
S-3	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	13.01	314.66	--	--
S-3	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	13.00	314.67	--	--
S-3	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	--	--	--	--
S-3	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.67	--	--	--	--
S-3	09/15/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	327.67	13.02	314.65	--	--
S-3	09/13/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	327.67	15.17	312.50	--	--
S-3	06/21/1995	50	4.1	<0.5	20	1.2	--	--	--	--	--	--	--	--	--	327.67	12.49	315.18	--	--
S-3	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--	327.67	12.53	315.14	--	--
S-3	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	327.67	12.64	315.03	--	1.8
S-3	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	327.67	11.74	315.93	--	4.1
S-3	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--	--	--	--	--	--	--	327.67	12.35	315.32	--	2.8
S-3	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--	--	--	--	--	327.67	12.51	315.16	--	3.2
S-3	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--	--	--	--	--	327.67	12.84	314.83	--	1.0



TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	327.67	12.42	315.25	---	2.8
S-3	06/18/2001	<50	0.66	1.1	<0.50	0.51	---	0.66	---	---	---	---	---	---	---	327.67	13.74	313.93	---	---
S-3	09/17/2001	<50	0.73	0.96	<0.50	0.61	---	<5.0	---	---	---	---	---	---	---	327.67	13.25	314.42	---	---
S-3	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.67	12.38	315.29	---	---
S-3	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.67	13.16	314.51	---	---
S-3	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.67	13.55	314.12	---	---
S-3	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.40	13.32	314.08	---	---
S-3	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	327.40	12.55	314.85	---	---
S-3	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	327.40	12.71	314.69	---	---
S-3	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	12.27	315.13	---	---
S-3	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.7	<5.0	---	---	---	---	---	---	327.40	14.10	313.30	---	---
S-3	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	14.64	312.76	---	---
S-3	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	15.11	312.29	---	---
S-3	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	14.36	313.04	---	---
S-3	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	14.21	313.19	---	---
S-3	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	14.03	313.37	---	---
S-3	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	327.40	14.08	313.32	---	---
S-3	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<5.0	<0.50	<0.50	<0.50	---	---	<5.0	327.40	12.16	315.24	---	---
S-3	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	15.29	312.11	---	---
S-3	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	15.90	311.50	---	---
S-3	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	59.5	<0.500	<0.500	<0.500	---	---	<50.0	327.40	15.00	312.40	---	---
S-3	04/24/2006	<50.0	0.610	0.640	<0.500	<0.500	---	<0.500	13.0	<0.500	<0.500	<0.500	---	---	<50.0	327.40	12.03	315.37	---	---
S-3	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.40	12.35	315.05	---	---
S-3	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.40	12.46	314.94	---	---
S-3	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	327.40	13.05	314.35	---	---
S-3	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.50	314.90	---	---
S-3	07/09/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.04	315.36	---	---
S-3	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	13.02	314.38	---	---
S-3	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.21	315.19	---	---
S-3	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.80	314.60	---	---
S-3	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	13	<2.0	<2.0	<2.0	---	---	170	327.40	13.25	314.15	---	---
S-3	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	13.40	314.00	---	---
S-3	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.41	314.99	---	---
S-3	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.20	315.20	---	---
S-3	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	13.49	313.91	---	---



TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA		EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
													(µg/L)	(µg/L)							
S-3	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	327.40	12.39	315.01	--	--	
S-3	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	327.40	12.80	314.60	--	--	
S-3	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	327.40	12.53	314.87	--	--	
S-3	07/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	327.40	12.95	314.45	--	--	
S-4	02/14/1988	5,100	160	8	730	730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	10/13/1988	530	24	1	25	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	01/31/1989	1,100	33	2	20	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	03/07/1989	650	37	1	35	27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	06/26/1989	670	110	<1	85	71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	09/08/1989	380	32	<1	36	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	12/14/1989	210	21	<0.5	30	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	03/05/1990	350	43	<0.5	24	47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	06/14/1990	430	74	<0.5	71	46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	10/02/1990	700	74	2.2	100	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	12/18/1990	1,400	180	2.9	280	230	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-4	03/20/1991	1,200	100	<2.0	210	130	--	--	--	--	--	--	--	--	--	--	328.53	--	--	--	--
S-4	06/26/1991	220	14	<0.5	34	17	--	--	--	--	--	--	--	--	--	--	328.53	--	--	--	--
S-4	09/05/1991	580	31	0.8	53	26	--	--	--	--	--	--	--	--	--	--	328.53	15.20	313.33	--	--
S-4	12/13/1991	370	24	0.9	1.3	46	--	--	--	--	--	--	--	--	--	--	328.53	14.37	314.16	--	--
S-4	03/11/1992	1,600	23	1.2	12	20	--	--	--	--	--	--	--	--	--	--	328.53	15.30	313.23	--	--
S-4	06/24/1992	480	48	<1.0	95	22	--	--	--	--	--	--	--	--	--	--	328.53	14.17	314.36	--	--
S-4	09/17/1992	260	35	1.2	51	7.8	--	--	--	--	--	--	--	--	--	--	328.53	14.18	314.35	--	--
S-4	12/11/1992	270	34	0.8	28	4.5	--	--	--	--	--	--	--	--	--	--	328.53	--	--	--	--
S-4	02/04/1993	1,100	12	<5.0	89	100	--	--	--	--	--	--	--	--	--	--	328.53	--	--	--	--
S-4	06/03/1993	210	48	1.1	42	4	--	--	--	--	--	--	--	--	--	--	328.53	13.86	314.67	--	--
S-4	09/15/1993	700	21	<1.0	110	91	--	--	--	--	--	--	--	--	--	--	328.53	14.16	314.37	--	--
S-4	12/09/1993	250	39	<0.5	3.8	2.6	--	--	--	--	--	--	--	--	--	--	328.53	14.17	314.36	--	--
S-4	03/04/1994	150	25	1.4	6.8	2.8	--	--	--	--	--	--	--	--	--	--	328.53	14.17	314.36	--	--
S-4 (D)	03/04/1994	140	28	0.8	7.9	3.2	--	--	--	--	--	--	--	--	--	--	328.53	14.14	314.39	--	--
S-4	06/16/1994	90	12	<0.5	1.8	2.4	--	--	--	--	--	--	--	--	--	--	328.53	14.14	314.39	--	--
S-4 (D)	06/16/1994	80	5.9	<0.5	1.5	0.9	--	--	--	--	--	--	--	--	--	--	328.53	14.42	314.11	--	--
S-4	09/13/1994	<50	23	<0.5	4.9	2.4	--	--	--	--	--	--	--	--	--	--	328.53	14.42	314.11	--	--
S-4 (D)	09/13/1994	<50	23	<0.5	4	2.3	--	--	--	--	--	--	--	--	--	--	328.53	14.42	314.11	--	--
S-4	06/21/1995	270	34	1.4	25	7.6	--	--	--	--	--	--	--	--	--	--	328.53	13.82	314.71	--	--

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4 (D)	06/21/1995	280	35	2.1	26	8.4	--	--	--	--	--	--	--	--	--	328.53	13.82	314.71	--	--
S-4	06/12/1996	360	52	<0.5	<0.5	<0.5	92	--	--	--	--	--	--	--	--	328.53	13.64	314.89	--	--
S-4 (D)	06/12/1996	430	54	<1.2	72	21	96	--	--	--	--	--	--	--	--	328.53	13.64	314.89	--	--
S-4	06/25/1997	6,700	93	1,200	240	1,300	6,900	6,800	--	--	--	--	--	--	--	328.53	13.74	314.79	--	0.6
S-4	06/19/1998	3,500	56	15	140	670	2,100	--	--	--	--	--	--	--	--	328.53	12.55	315.98	--	0.8
S-4 (D)	06/19/1998	3,000	51	14	110	530	2,000	--	--	--	--	--	--	--	--	328.53	12.55	315.98	--	0.8
S-4	06/17/1999	1,510	28.4	9.84	176	132	1,780	--	--	--	--	--	--	--	--	328.53	13.24	315.29	--	4.8
S-4	06/15/2000	<500	12.0	<5.00	31.0	22.8	12,200	--	--	--	--	--	--	--	--	328.53	13.65	314.88	--	2.1
S-4	11/29/2000	<500	<5.00	<5.00	<5.00	<5.00	12,100	--	--	--	--	--	--	--	--	328.53	14.23	314.30	--	1.8
S-4	03/07/2001	<500	5.44	<5.00	6.49	<5.00	11,400	14,500	--	--	--	--	--	--	--	328.53	13.15	315.38	--	2.4
S-4	06/18/2001	<1,000	<10	<10	<10	<10	--	3,500	--	--	--	--	--	--	--	328.53	13.81	314.72	--	--
S-4	09/17/2001	<500	<5.0	<5.0	<5.0	<5.0	--	7,700	--	--	--	--	--	--	--	328.53	14.29	314.24	--	--
S-4	12/31/2001	<1,000	<10	<10	<10	<10	--	3,800	--	--	--	--	--	--	--	328.53	13.44	315.09	--	--
S-4	03/13/2002	<2,500	<25	<25	<25	<25	--	18,000	--	--	--	--	--	--	--	328.53	14.42	314.11	--	--
S-4	06/18/2002	<100	1.1	<1.0	<1.0	<1.0	--	530	--	--	--	--	--	--	--	328.53	15.19	313.34	--	--
S-4	09/27/2002	<200	<2.0	<2.0	<2.0	<2.0	--	1,100	--	--	--	--	--	--	--	328.11	14.32	313.79	--	--
S-4	12/27/2002	280	3.5	<2.5	17	4.7	--	390	9,000	<2.5	<2.5	<5.0	<2.5	<2.5	--	328.11	13.50	314.61	--	--
S-4	03/24/2003	<2,500	<25	<25	<25	<50	--	780	--	--	--	--	--	--	--	328.11	14.56	313.55	--	--
S-4	05/09/2003	<2,500	<25	<25	<25	<50	--	1,200	18,000	--	--	--	--	--	--	328.11	13.20	314.91	--	--
S-4	07/08/2003	<2,500	<25	<25	<25	<50	--	1,700	8,700	--	--	--	--	--	--	328.11	20.87	307.24	--	--
S-4	10/15/2003	<2,500	<25	<25	<25	<50	--	280	11,000	--	--	--	--	--	--	328.11	16.15	311.96	--	--
S-4	01/06/2004	3,500	<5.0	19	190	570	--	58	9,600	--	--	--	--	--	--	328.11	21.64	306.47	--	--
S-4	04/07/2004	<1,000	<10	<10	<10	<20	--	110	9,900	--	--	--	--	--	--	328.11	20.89	307.22	--	--
S-4	07/27/2004	<1,000	<10	<10	<10	<20	--	<10	10,000	<40	<40	<40	--	--	<1,000	328.11	20.78	307.33	--	--
S-4	10/29/2004	<1,000	<10	<10	<10	<20	--	110	5,600	<40	<40	<40	--	--	<1,000	328.11	20.53	307.58	--	--
S-4	01/06/2005	<1,000	<10	<10	<10	<20	--	<10	6,500	<40	<40	<40	--	--	--	328.11	20.44	307.67	--	--
S-4	04/14/2005	<250	<2.5	<2.5	3.1	<2.5	--	120	6,000	<2.5	<2.5	<2.5	--	--	<25	328.11	18.60	309.51	--	--
S-4	07/29/2005	<250	<2.5	<2.5	<2.5	<5.0	--	4.4	3,100	<10	<10	<10	--	--	<250	328.11	21.03	307.08	--	--
S-4	10/20/2005	<250	<2.5	<2.5	<2.5	<5.0	--	<2.5	2,700	<10	<10	<10	--	--	<250	328.11	21.62	306.49	--	--
S-4	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	0.950	723	<0.500	<0.500	<0.500	--	--	<50.0	328.11	21.10	307.01	--	--
S-4	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	79.4	1,310	<0.500	<0.500	<0.500	--	--	<50.0	328.11	13.24	314.87	--	--
S-4	07/12/2006	<50.0	4.42	<0.500	29.1	36.5	--	230	1,530	<0.500	<0.500	0.930	--	--	<50.0	328.11	13.45	314.66	--	--
S-4	10/20/2006	1,150	5.30	0.990	41.5	2.79	--	208	2,160	<0.500	<0.500	<0.500	--	--	<50.0	328.11	13.63	314.48	--	--
S-4	01/22/2007	550	4.8	<2.5	30	<5.0	--	130	3,000	<5.0	<5.0	<5.0	--	--	<750	328.11	14.32	313.79	--	--
S-4	04/13/2007	320 k,l	0.48 m	<1.0	3.3	<1.0	--	18	390	<2.0	<2.0	<2.0	--	--	<100	328.11	13.68	314.43	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	07/09/2007	240 k	1.5	0.32 m	6.9	<1.0	--	59	1,900	<2.0	<2.0	<2.0	--	--	<100	328.11	12.78	315.33	--	--
S-4	10/22/2007	170 k	1.3 m	<5.0	3.8 m	<5.0	--	36	1,600	<10	<10	<10	--	--	<500	328.11	14.26	313.85	--	--
S-4	01/09/2008	85 k	<2.5	<5.0	1.3 m	<5.0	--	26	1,700	<10	<10	<10	--	--	<500	328.11	13.40	314.71	--	--
S-4	04/11/2008	430	<2.5	<5.0	<5.0	<5.0	--	49	3,100	<10	<10	<10	--	--	<500	328.11	14.00	314.11	--	--
S-4	07/29/2008	190	1.1	<1.0	1.3	<1.0	--	24	1,500	<2.0	<2.0	<2.0	--	--	<100	328.11	14.64	313.47	--	--
S-4	10/29/2008	180	1.3	<1.0	5.7	<1.0	--	21	1,700	<2.0	<2.0	<2.0	--	--	<100	328.11	14.73	313.38	--	--
S-4	01/21/2009	940	4.6	<2.0	31	<2.0	--	38	2,400	<4.0	<4.0	<4.0	--	--	<200	328.11	13.66	314.45	--	--
S-4	04/16/2009	680	3.4	<5.0	14	<5.0	--	29	2,200	<10	<10	<10	--	--	<500	328.11	13.43	314.68	--	--
S-4	07/09/2009	280	<2.5	<5.0	<5.0	<5.0	--	17	1,900	<10	<10	<10	--	--	<500	328.11	15.04	313.07	--	--
S-4	01/11/2010	580	2.8	<2.0	6.0	<2.0	--	19	1,500	<4.0	<4.0	<4.0	--	--	<200	328.11	13.75	314.36	--	--
S-4	07/06/2010	490	1.8	<1.0	23	<1.0	--	11	890	--	--	--	--	--	<100	328.11	14.35	313.76	--	--
S-4	01/21/2011	58	1.4	<0.50	<0.50	<1.0	--	13	810	<1.0	<1.0	<1.0	--	--	<150	328.11	13.85	314.26	--	--
S-4	07/20/2011	87	<0.50	<0.50	<0.50	<1.0	--	8.3	780	--	--	--	--	--	<150	328.11	14.26	313.85	--	--
S-5	02/14/1988	1,000	40	86	180	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	10/13/1988	560	66	20	18	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	01/31/1989	180	27	8	9	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	03/07/1989	3,800	520	530	260	570	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	06/26/1989	<50	3.8	<1	2	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	09/08/1989	110	25	2	2	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	12/14/1989	1,700	300	86	67	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	03/05/1990	1,100	100	110	79	240	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	06/14/1990	600	94	36	40	62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	10/02/1990	4,500	1,400	160	260	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	11/20/1990	16,000	4,600	720	790	1,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	12/18/1990	25,000	7,600	1,100	1,300	2,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-5	03/20/1991	310	39	12	18	30	--	--	--	--	--	--	--	--	--	329.66	--	--	--	--
S-5	06/26/1991	1,300	250	62	120	180	--	--	--	--	--	--	--	--	--	329.66	--	--	--	--
S-5	09/05/1991	4,700	660	150	170	280	--	--	--	--	--	--	--	--	--	329.66	--	--	--	--
S-5	12/13/1991	1,400	580	19	110	80	--	--	--	--	--	--	--	--	--	329.66	17.48	312.18	--	--
S-5	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	329.66	16.22	313.44	--	--
S-5	06/24/1992	1,800	380	52	120	180	--	--	--	--	--	--	--	--	--	329.66	17.47	312.19	--	--
S-5	09/17/1992	2,200	750	91	170	170	--	--	--	--	--	--	--	--	--	329.66	16.84	312.82	--	--
S-5	12/11/1992	8,700	1,600	66	48	340	--	--	--	--	--	--	--	--	--	329.66	16.37	313.29	--	--
S-5	02/04/1993	150	156	0.7	4.7	4	--	--	--	--	--	--	--	--	--	329.66	--	--	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5	06/03/1993	480	140	3.4	17	14	--	--	--	--	--	--	--	--	--	329.66	--	--	--	--
S-5	09/15/1993	80	2.4	0.5	1.4	2.9	--	--	--	--	--	--	--	--	--	329.66	16.20	313.46	--	--
S-5	12/09/1993	120	0.56	<0.5	2.2	1.2	--	--	--	--	--	--	--	--	--	329.66	16.26	313.40	--	--
S-5	03/04/1994	70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.66	16.25	313.41	--	--
S-5	06/16/1994	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.66	16.04	313.62	--	--
S-5	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.66	11.52	318.14	--	--
S-5	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	329.66	14.50	315.16	--	--
S-5	06/12/1996	<500	6	<5.0	<5.0	<5.0	1,400	--	--	--	--	--	--	--	--	329.66	12.53	317.13	--	--
S-5	06/25/1997	<250	<2.5	<2.5	<2.5	<2.5	1,100	--	--	--	--	--	--	--	--	329.66	15.34	314.32	--	1.1
S-5	06/19/1998	<50	1	<0.50	<0.50	<0.50	61	--	--	--	--	--	--	--	--	329.66	13.71	315.95	--	3.6
S-5	06/17/1999	<50.0	1.44	<0.500	<0.500	<0.500	336	--	--	--	--	--	--	--	--	329.66	13.56	316.10	--	1.4
S-5	06/15/2000	<50.0	0.820	<0.500	<0.500	<0.500	221	--	--	--	--	--	--	--	--	329.66	15.00	314.66	--	2.7
S-5	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	183	--	--	--	--	--	--	--	--	329.66	16.29	313.37	--	0.7
S-5	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	7.55	--	--	--	--	--	--	--	--	329.66	15.49	314.17	--	2.5
S-5	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	--	11	--	--	--	--	--	--	--	329.66	15.50	314.16	--	--
S-5	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	--	17	--	--	--	--	--	--	--	329.66	16.35	313.31	--	--
S-5	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--	--	--	--	--	--	--	329.66	12.80	316.86	--	--
S-5	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	--	93	--	--	--	--	--	--	--	329.66	16.32	313.34	--	--
S-5	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	--	130	--	--	--	--	--	--	--	329.66	17.00	312.66	--	--
S-5	09/27/2002	<50	0.88	<0.50	<0.50	<0.50	--	280	--	--	--	--	--	--	--	329.36	16.34	313.02	--	--
S-5	12/27/2002	<50	1.9	<0.50	<0.50	<0.50	--	87	<50	<2.0	<2.0	<2.0	<2.0	<2.0	--	329.36	15.45	313.91	--	--
S-5	03/24/2003	<250	2.5	<2.5	<2.5	<5.0	--	220	--	--	--	--	--	--	--	329.36	16.70	312.66	--	--
S-5	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	--	110	17	--	--	--	--	--	--	329.36	13.16	316.20	--	--
S-5	07/08/2003	<1,000	<10	<10	<10	<20	--	320	<100	--	--	--	--	--	--	329.36	19.00	310.36	--	--
S-5	10/15/2003	1,400 e	27	<2.5	<2.5	<5.0	--	180	51	--	--	--	--	--	--	329.36	19.08	310.28	--	--
S-5	01/06/2004	84,000	1,400	1,200	<25	17,000	--	140	<250	--	--	--	--	--	--	329.36	20.97	308.39	--	--
S-5	04/07/2004	20,000	70	<25	230	290	--	66	<250	--	--	--	--	--	--	329.36	20.81	308.55	--	--
S-5	07/27/2004	9,900	46	<25	74	<50	--	43	<250	<100	<100	<100	--	--	<2,500	329.36	20.93	308.46	0.04	--
S-5	08/04/2004	22,000	48	<10	63	38	--	--	--	--	--	--	--	--	--	329.36	20.97	308.46	0.09	--
S-5	10/29/2004	14,000	93	<25	96	94	--	<25	<250	<100	<100	<100	--	--	<2,500	329.36	18.59	310.77	--	--
S-5	01/06/2005	4,500	32	<10	47	86	--	<10	<100	<40	<40	<40	--	--	--	329.36	18.83	310.53	--	--
S-5	04/14/2005	1,700	1.0	<0.50	8.4	16	--	5.6	8.1	<0.50	<0.50	<0.50	--	--	<5.0	329.36	15.03	314.33	--	--
S-5	07/29/2005	3,900	8.9	<2.5	9.8	13	--	21	<200	<10	<10	<40	--	--	<1,000	329.36	19.71	309.65	--	--
S-5	10/20/2005	3,300	27	<2.5	9.1	14	--	6.0	32	<10	<10	<10	--	--	<250	329.36	21.90	307.46	--	--
S-5	11/11/2005	2,300	54	0.69	15	19	--	8.3	<5.0	--	--	--	--	--	--	329.36	22.17	307.19	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE	MTBE	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to	GW	SPH	DO
							8020 (µg/L)	8260 (µg/L)					DCA (µg/L)				Water (ft TOC)	Elevation (ft MSL)	Thickness (ft)	Reading (mg/L)
S-5	01/26/2006	6,680	43.6	4.93	38.2	89.1	--	8.38	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	329.36	20.85	308.51	--	--
S-5	04/24/2006	1,930	1.43	<0.500	<0.500	12.1	--	2.76	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	329.36	14.40	314.96	--	--
S-5	07/12/2006	<50.0	4.24	<0.500	25.8	44.8	--	6.43	35.3	<0.500	<0.500	<0.500	--	--	<50.0	329.36	15.50	313.86	--	--
S-5	10/20/2006	2,890	17.5	0.760	55.1	106	--	3.78	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	329.36	15.55	313.81	--	--
S-5	01/22/2007	1,600	7.3	0.54	35	60	--	0.73 m	<10	<1.0	<1.0	<1.0	--	--	<150	329.36	15.74	313.62	--	--
S-5	04/13/2007	1,100 k	4.6	0.47 m	18	25.9	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	329.36	15.69	313.67	--	--
S-5	07/09/2007	440 k	3.0	0.29 m	13	19.7	--	2.8	<10	<2.0	<2.0	<2.0	--	--	<100	329.36	15.46	313.90	--	--
S-5	10/22/2007	6,300 k	3.1	0.41 m	21	28.3	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	329.36	15.87	313.49	--	--
S-5	01/09/2008	590 k	0.69	0.28 m	10	11.3	--	0.71 m	<10	<2.0	<2.0	<2.0	--	--	100	329.36	14.97	314.39	--	--
S-5	04/11/2008	470	0.76	<1.0	5.4	4.7	--	4.9	18	<2.0	<2.0	<2.0	--	--	<100	329.36	16.38	312.98	--	--
S-5	07/29/2008	350	1.1	<1.0	3.9	2.3	--	4.4	18	<2.0	<2.0	<2.0	--	--	<100	329.36	16.22	313.14	--	--
S-5	10/29/2008	630	5.7	<1.0	4.5	2.9	--	9.5	23	<2.0	<2.0	<2.0	--	--	<100	329.36	17.50	311.86	--	--
S-5	01/21/2009	1,200	14	<1.0	7.0	4.1	--	22	46	<2.0	<2.0	<2.0	--	--	<100	329.36	16.52	312.84	--	--
S-5	04/16/2009	280	1.3	<1.0	2.7	1.4	--	11	35	<2.0	<2.0	<2.0	--	--	<100	329.36	15.95	313.41	--	--
S-5	07/09/2009	500	4.3	<1.0	2.9	1.4	--	22	32	<2.0	<2.0	<2.0	--	--	<100	329.36	17.46	311.90	--	--
S-5	01/11/2010	370	5.0	<1.0	4.0	<1.0	--	26	31	<2.0	<2.0	<2.0	--	--	<100	329.36	16.68	312.68	--	--
S-5	07/06/2010	1,300	6.5	<1.0	8.5	<1.0	--	49	85	--	--	--	--	--	<100	329.36	16.20	313.16	--	--
S-5	01/21/2011	330	1.4	<0.50	1.3	<1.0	--	21	40	<1.0	<1.0	<1.0	--	--	<150	329.36	16.27	313.09	--	--
S-5	07/20/2011	430	3.2	<0.50	3.0	<1.0	--	22	33	--	--	--	--	--	<150	329.36	16.76	312.60	--	--
S-5B	11/08/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	332.25	43.71	288.54	--	--
S-5B	11/11/2005	<50	<0.50	<0.50	<0.50	<1.0	--	2.5	15	--	--	--	--	--	--	332.25	43.79	288.46	--	--
S-5B	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	1.63	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	332.25	38.21	294.04	--	--
S-5B	04/24/2006	<50.0	0.540	1.18	<0.500	<0.500	--	1.88	12.2	<0.500	<0.500	<0.500	--	--	<50.0	332.25	30.68	301.57	--	--
S-5B	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	1.63	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	332.25	30.05	302.20	--	--
S-5B	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	1.04	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	332.25	31.60	300.65	--	--
S-5B	01/22/2007	<50	0.33 m	0.36 m	0.27 m	<1.0	--	0.90 m	<10	<1.0	<1.0	<1.0	--	--	<150	332.25	27.79	304.46	--	--
S-5B	04/13/2007	<50 k	0.30 m	0.28 m	<1.0	<1.0	--	0.73 m	<10	<2.0	<2.0	<2.0	--	--	79 m	332.25	24.78	307.47	--	--
S-5B	07/09/2007	<50 k	0.37 m	<1.0	<1.0	<1.0	--	0.49 m	<10	<2.0	<2.0	<2.0	--	--	<100	332.25	31.12	301.13	--	--
S-5B	10/22/2007	66 k	0.33 m	<1.0	<1.0	<1.0	--	0.64 m	5.7 m	<2.0	<2.0	<2.0	--	--	<100	332.25	29.64	302.61	--	--
S-5B	01/09/2008	<50 k	0.29 m	<1.0	<1.0	<1.0	--	0.46 m	<10	<2.0	<2.0	<2.0	--	--	220	332.25	25.52	306.73	--	--
S-5B	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.25	25.32	306.93	--	--
S-5B	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	100	332.25	32.33	299.92	--	--
S-5B	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.25	34.51	297.74	--	--
S-5B	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	10	<2.0	<2.0	<2.0	--	--	<100	332.25	32.27	299.98	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5B	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	14	<2.0	<2.0	<2.0	--	--	<100	332.25	29.30	302.95	--	--
S-5B	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	200	332.25	34.41	297.84	--	--
S-5B	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	200	332.25	37.45	294.80	--	--
S-5B	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	--	--	--	--	--	<100	332.25	35.18	297.07	--	--
S-5B	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	332.25	36.52	295.73	--	--
S-5B	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	<10	--	--	--	--	--	<150	332.25	34.97	297.28	--	--
S-5C	11/08/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	332.33	43.69	288.64	--	--
S-5C	11/11/2005	55	<0.50	0.67	<0.50	<1.0	--	0.87	<5.0	--	--	--	--	--	--	332.33	43.65	288.68	--	--
S-5C	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	1.91	41.2	<0.500	<0.500	<0.500	--	--	<50.0	332.33	38.11	294.22	--	--
S-5C	04/24/2006	<50.0	0.740	<0.500	<0.500	<0.500	--	1.93	17.8	<0.500	<0.500	<0.500	--	--	<50.0	332.33	30.61	301.72	--	--
S-5C	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	1.42	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	332.33	30.07	302.26	--	--
S-5C	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	<0.500	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	332.33	31.67	300.66	--	--
S-5C	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	9.0 h,m	<1.0	<1.0	<1.0	--	--	<150	332.33	27.90	304.43	--	--
S-5C	04/13/2007	<50 k	0.24 m	<1.0	<1.0	<1.0	--	<1.0	12	<2.0	<2.0	<2.0	--	--	<100	332.33	24.90	307.43	--	--
S-5C	07/09/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	5.5 m	<2.0	<2.0	<2.0	--	--	<100	332.33	31.22	301.11	--	--
S-5C	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	10	<2.0	<2.0	<2.0	--	--	<100	332.33	29.59	302.74	--	--
S-5C	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	8.8 m	<2.0	<2.0	<2.0	--	--	<100	332.33	25.51	306.82	--	--
S-5C	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.33	25.51	306.82	--	--
S-5C	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.33	32.48	299.85	--	--
S-5C	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.33	36.39	295.94	--	--
S-5C	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.33	32.20	300.13	--	--
S-5C	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.33	29.29	303.04	--	--
S-5C	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.33	34.51	297.82	--	--
S-5C	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	332.33	37.45	294.88	--	--
S-5C	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	--	--	--	--	--	<100	332.33	35.14	297.19	--	--
S-5C	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	332.33	36.42	295.91	--	--
S-5C	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	<10	--	--	--	--	--	<150	332.33	34.83	297.50	--	--
S-6	10/13/1988	1100	13.0	1	42	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	01/31/1989	340	3.8	<1	8	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	03/07/1989	190	3.8	<1	7	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	06/26/1989	480	15	<1	6	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	09/08/1989	270	1.3	1	7	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	12/15/1989	320	1.0	<0.5	2.6	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	03/06/1990	420	3.1	<0.5	14	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	06/14/1990	370	3.7	0.9	4.8	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	10/02/1990	190	6.6	1.6	1.9	2.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	12/18/1990	430	10	0.7	1.6	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-6	03/20/1991	130a	606	0.6	0.7	3	--	--	--	--	--	--	--	--	--	327.62	--	--	--	--
S-6	06/26/1991	120a	3.8	0.8	<0.5	1.7	--	--	--	--	--	--	--	--	--	327.62	--	--	--	--
S-6	09/05/1991	60	<0.5	0.8	<0.5	0.5	--	--	--	--	--	--	--	--	--	327.62	--	--	--	--
S-6	12/13/1991	150	2.3	<0.5	<0.5	150	--	--	--	--	--	--	--	--	--	327.62	15.11	312.51	--	--
S-6	03/11/1992	<30	<0.3	<0.3	<0.5	<0.3	--	--	--	--	--	--	--	--	--	327.62	16.35	311.27	--	--
S-6	06/24/1992	170	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.62	16.51	311.11	--	--
S-6	09/17/1992	190	<0.5	1.6	<0.5	1.2	--	--	--	--	--	--	--	--	--	327.62	14.33	313.29	--	--
S-6	12/11/1992	180	<0.5	0.8	<0.5	0.7	--	--	--	--	--	--	--	--	--	327.62	14.48	313.14	--	--
S-6	02/04/1993	290	<0.5	<0.5	<0.5	0.7	--	--	--	--	--	--	--	--	--	327.62	--	--	--	--
S-6	06/03/1993	100	1.2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.62	--	--	--	--
S-6	09/15/1993	160	1.4	<0.5	0.9	2	--	--	--	--	--	--	--	--	--	327.62	14.16	313.46	--	--
S-6	12/09/1993	130	2.3	2.6	5.1	6.2	--	--	--	--	--	--	--	--	--	327.62	14.68	312.94	--	--
S-6	03/04/1994	220	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.62	14.42	313.20	--	--
S-6	06/16/1994	60	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.62	14.92	312.70	--	--
S-6	09/13/1994	<50	<0.5	6	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.62	14.72	312.90	--	--
S-6	06/21/1995	270	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.62	13.86	313.76	--	--
S-6	06/12/1996	200	2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	327.62	13.90	313.72	--	--
S-6	06/25/1997	180	<0.50	0.61	<0.50	0.77	12	--	--	--	--	--	--	--	--	327.62	13.64	313.98	--	1.8
S-6	06/25/1997	130	<0.50	<0.50	<0.50	<0.50	21	--	--	--	--	--	--	--	--	327.62	13.64	313.98	--	1.8
S-6 (D)	06/25/1997	130	<0.50	<0.50	<0.50	<0.50	27	--	--	--	--	--	--	--	--	327.62	13.81	313.81	--	1.7
S-6	06/19/1998	100	7.6	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	327.62	14.21	313.41	--	1.6
S-6	06/17/1999	114	4.14	<0.500	<0.500	<0.500	19.9	--	--	--	--	--	--	--	--	327.62	14.51	313.11	--	1.8
S-6	06/15/2000	367	17.5	<0.500	<0.500	<0.500	1,050	--	--	--	--	--	--	--	--	327.62	14.32	313.30	--	2.1
S-6	11/29/2000	154	0.754	16.4	<0.500	1.05	5,470	--	--	--	--	--	--	--	--	327.62	15.39	312.23	--	1.7
S-6	03/07/2001	183	0.971	25.1	0.636	0.996	6,830	--	--	--	--	--	--	--	--	327.62	14.72	312.90	--	--
S-6	06/18/2001	<2,000	<20	<20	<20	<20	--	8,200	--	--	--	--	--	--	--	327.62	14.72	312.90	--	--
S-6	09/17/2001 c	<50	<0.50	<0.50	<0.50	<0.50	--	5.7	<50	<2.0	<2.0	<2.0	--	--	<500	327.62	16.69	310.93	--	--
S-6	12/31/2001	260	<0.50	<0.50	<0.50	<0.50	--	11,000	--	--	--	--	--	--	--	327.62	13.99	313.63	--	--
S-6	03/13/2002	440	<2.5	<2.5	<2.5	<2.5	--	930	--	--	--	--	--	--	--	327.62	15.10	312.52	--	--
S-6	06/18/2002	340	<1.0	<1.0	<1.0	<1.0	--	560	--	--	--	--	--	--	--	327.62	15.24	312.38	--	--
S-6	09/27/2002	<250	<2.5	<2.5	<2.5	<2.5	--	580	--	--	--	--	--	--	--	327.26	14.34	312.92	--	--
S-6	12/27/2002	<500	<5.0	<5.0	<5.0	<5.0	--	230	10,000	<5.0	<5.0	<5.0	<5.0	<5.0	--	327.26	14.30	312.96	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	03/24/2003	<5,000	<50	<50	<50	<100	--	<500	--	--	--	--	--	--	--	327.26	14.37	312.89	--	--
S-6	05/09/2003	<2,500	<25	<25	<25	<50	--	140	12,000	--	--	--	--	--	--	327.26	14.25	313.01	--	--
S-6	07/08/2003	<2,500	<25	<25	<25	<50	--	100	8,400	--	--	--	--	--	--	327.26	15.37	311.89	--	--
S-6	10/15/2003	<1,000	<10	<10	<10	<20	--	63	10,000	--	--	--	--	--	--	327.26	17.69	309.57	--	--
S-6	01/06/2004	<500	<5.0	<5.0	<5.0	<10	--	27	7,600	--	--	--	--	--	--	327.26	17.19	310.07	--	--
S-6	04/07/2004	<500	<5.0	<5.0	<5.0	<10	--	15	2,900	--	--	--	--	--	--	327.26	16.72	310.54	--	--
S-6	07/27/2004	860 e	<5.0	<5.0	<5.0	<10	--	30	5,700	<20	<20	<20	--	--	<500	327.26	16.90	310.36	--	--
S-6	10/29/2004	<500	<5.0	<5.0	<5.0	<10	--	14	2,500	<20	<20	<20	--	--	<500	327.26	16.68	310.58	--	--
S-6	01/06/2005	<200	<2.0	<2.0	<2.0	<4.0	--	8.7	1,200	<8.0	<8.0	<8.0	--	--	--	327.26	16.75	310.51	--	--
S-6	04/14/2005	180	<0.90	<0.90	<0.90	<0.90	--	11	2,300	<0.90	<0.90	<0.90	--	--	<9.0	327.26	15.30	311.96	--	--
S-6	07/29/2005	270 g	<2.5	<2.5	<2.5	<5.0	--	17	2,300	<10	<10	<10	--	--	<250	327.26	16.77	310.49	--	--
S-6	10/20/2005	570	<2.5	<2.5	<2.5	<5.0	--	7.1	1,200	<10	<10	<10	--	--	<250	327.26	17.30	309.96	--	--
S-6	01/26/2006	808	<0.500	<0.500	<0.500	<0.500	--	5.07	473	<0.500	<0.500	<0.500	--	--	<50.0	327.26	17.00	310.26	--	--
S-6	04/24/2006	303	<0.500	<0.500	<0.500	<0.500	--	4.03	212	<0.500	<0.500	<0.500	--	--	<50.0	327.26	15.42	311.84	--	--
S-6	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	13.3	609	<0.500	<0.500	<0.500	--	--	<50.0	327.26	15.15	312.11	--	--
S-6	10/20/2006	850	<0.500	<0.500	<0.500	<0.500	--	26.4	1,050	<0.500	<0.500	<0.500	--	--	<50.0	327.26	13.98	313.28	--	--
S-6	01/22/2007	620	<2.0	<2.0	<2.0	<4.0	--	30	2,000	<4.0	<4.0	<4.0	--	--	<600	327.26	14.14	313.12	--	--
S-6	04/13/2007	490 k,l	<2.5	<5.0	<5.0	<5.0	--	21	1,700	<10	<10	<10	--	--	<500	327.26	14.35	312.91	--	--
S-6	07/09/2007	830 k,l	<0.50	<1.0	<1.0	<1.0	--	29	2,300	<2.0	<2.0	<2.0	--	--	<100	327.26	14.22	313.04	--	--
S-6	10/22/2007	810 k	<2.5	<5.0	<5.0	<5.0	--	26	2,300	<10	<10	<10	--	--	<500	327.26	14.72	312.54	--	--
S-6	01/09/2008	220 k	<2.5	<5.0	<5.0	<5.0	--	15	1,100	<10	<10	<10	--	--	<500	327.26	14.97	312.29	--	--
S-6	04/11/2008	590	<0.50	<1.0	<1.0	<1.0	--	13	2,000	<2.0	<2.0	<2.0	--	--	<100	327.26	14.70	312.56	--	--
S-6	07/29/2008	1,100	<2.5	<5.0	<5.0	<5.0	--	15	1,700	<10	<10	<10	--	--	<500	327.26	15.84	311.42	--	--
S-6	10/29/2008	1,000	<2.5	<5.0	<5.0	<5.0	--	14	3,200	<10	<10	<10	--	--	<500	327.26	16.29	310.97	--	--
S-6	01/21/2009	600	<2.5	<5.0	<5.0	<5.0	--	8.1	1,900	<10	<10	<10	--	--	<500	327.26	15.80	311.46	--	--
S-6	04/16/2009	840	<2.5	<5.0	<5.0	<5.0	--	13	4,000	<10	<10	<10	--	--	<500	327.26	14.35	312.91	--	--
S-6	07/09/2009	970	<2.5	<5.0	<5.0	<5.0	--	17	7,100	<10	<10	<10	--	--	<500	327.26	15.02	312.24	--	--
S-6	01/11/2010	880	<2.5	<5.0	<5.0	<5.0	--	8.7	4,400	<10	<10	<10	--	--	<500	327.26	14.61	312.65	--	--
S-6	07/06/2010	950	<0.50	<1.0	<1.0	<1.0	--	13	5,200	--	--	--	--	--	<100	327.26	14.41	312.85	--	--
S-6	01/21/2011	490	<2.0	<2.0	<2.0	4.7	--	6.6	3,500	<4.0	<4.0	<4.0	--	--	<600	327.26	14.61	312.65	--	--
S-6	07/20/2011	880	<2.5	<2.5	<2.5	<5.0	--	6.0	3,700	--	--	--	--	--	<750	327.26	14.29	312.97	--	--
S-7	10/13/1988	<50	0.6	1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	01/31/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	03/07/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--



TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	06/26/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	09/08/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	12/15/1989	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	03/06/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	06/14/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	10/02/1990	<50	<0.5	0.6	<0.5	0.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	12/18/1990	<50	0.5	<0.5	<0.5	0.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-7	03/20/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	--	--	--	--
S-7	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	--	--	--	--
S-7	09/05/1991	<50	<0.5	0.6	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	--	--	--	--
S-7	12/13/1991	<50	<0.6	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	17.70	310.97	--	--
S-7	03/11/1992	<50	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	328.67	17.06	311.61	--	--
S-7	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	17.80	310.87	--	--
S-7	09/17/1992	<50	0.6	0.6	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	17.00	311.67	--	--
S-7	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	17.35	311.32	--	--
S-7	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	--	--	--	--
S-7	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	--	--	--	--
S-7	09/15/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	328.67	16.65	312.02	--	--
S-7	09/13/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	328.67	16.83	311.84	--	--
S-7	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	328.67	15.88	312.79	--	--
S-7	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--	328.67	16.22	312.45	--	--
S-7	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	328.67	16.12	312.55	--	3
S-7	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	328.67	14.81	313.86	--	2.6
S-7	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--	--	--	--	--	--	--	328.67	15.91	312.76	--	5.1
S-7	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	7.32	--	--	--	--	--	--	--	--	328.67	16.14	312.53	--	2.0
S-7	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--	--	--	--	--	328.67	16.89	311.78	--	3.6
S-7	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--	--	--	--	--	328.67	16.55	312.12	--	2.1
S-7	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	--	2.5	--	--	--	--	--	--	--	328.67	16.30	312.37	--	--
S-7	09/17/2001 c	150	<0.50	55	<0.50	<0.50	--	8,300	--	--	--	--	--	--	--	328.67	14.23	314.44	--	--
S-7	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--	--	--	--	--	--	--	328.67	16.28	312.39	--	--
S-7	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	--	5.9	--	--	--	--	--	--	--	328.67	17.41	311.26	--	--
S-7	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	--	12	--	--	--	--	--	--	--	328.67	17.63	311.04	--	--
S-7	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	--	10	--	--	--	--	--	--	--	328.41	16.96	311.45	--	--
S-7	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	--	22	<50	<2.0	<2.0	<2.0	4.1	<2.0	--	328.41	16.00	312.41	--	--
S-7	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	--	21	--	--	--	--	--	--	--	328.41	17.12	311.29	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	--	31	7.3	--	--	--	--	--	--	328.41	16.14	312.27	--	--
S-7	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	--	36	6.5	--	--	--	--	--	--	328.41	17.42	310.99	--	--
S-7	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	--	100	<5.0	--	--	--	--	--	--	328.41	15.49	312.92	--	--
S-7	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0	--	200	20	--	--	--	--	--	--	328.41	18.93	309.48	--	--
S-7	04/07/2004	<250	<2.5	<2.5	<2.5	<5.0	--	380	130	--	--	--	--	--	--	328.41	18.93	309.48	--	--
S-7	07/27/2004	<250	<2.5	<2.5	<2.5	<5.0	--	240	45	<10	<10	<10	--	--	<250	328.41	18.91	309.50	--	--
S-7	10/29/2004	<250	<2.5	<2.5	<2.5	<5.0	--	270	52	<10	<10	<10	--	--	<250	328.41	18.65	309.76	--	--
S-7	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	--	160	<25	<10	<10	<10	--	--	--	328.41	18.52	309.89	--	--
S-7	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	--	230	130	<0.50	<0.50	<0.50	--	--	<5.0	328.41	16.22	312.19	--	--
S-7	07/29/2005	<2,000	<20	<20	<20	<40	--	170	<200	<80	<80	<80	--	--	<2,000	328.41	18.57	309.84	--	--
S-7	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0	--	180	32	<4.0	<4.0	<4.0	--	--	<100	328.41	19.25	309.16	--	--
S-7	01/26/2006	75.9	<0.500	<0.500	<0.500	<0.500	--	172	65.1	<0.500	<0.500	<0.500	--	--	<50.0	328.41	19.05	309.36	--	--
S-7	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	199	22.6	<0.500	<0.500	<0.500	--	--	<50.0	328.41	16.91	311.50	--	--
S-7	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	122	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	328.41	16.42	311.99	--	--
S-7	10/20/2006	176	<0.500	<0.500	<0.500	0.720	--	73.5	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	328.41	16.66	311.75	--	--
S-7	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	--	62	6.2 h,m	<1.0	<1.0	<1.0	--	--	<150	328.41	17.24	311.17	--	--
S-7	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	6.5	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.05	311.36	--	--
S-7	07/09/2007	52 k,l	<0.50	<1.0	<1.0	<1.0	--	39	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	16.52	311.89	--	--
S-7	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	33	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.03	311.38	--	--
S-7	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	--	28	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.00	311.41	--	--
S-7	04/11/2008	370	<0.50	<1.0	1.2	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	16.71	311.70	--	--
S-7	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	21	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.35	311.06	--	--
S-7	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	18	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.85	310.56	--	--
S-7	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	17	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.41	311.00	--	--
S-7	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	19	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	16.72	311.69	--	--
S-7	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	20	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.91	310.50	--	--
S-7	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	13	<10	<2.0	<2.0	<2.0	--	--	<100	328.41	17.41	311.00	--	--
S-7	07/06/2010	<50	<50	<1.0	<1.0	<1.0	--	11	<10	--	--	--	--	--	<100	328.41	17.11	311.30	--	--
S-7	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	--	6.9	<10	<1.0	<1.0	<1.0	--	--	<150	328.41	16.85	311.56	--	--
S-7	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	--	5.9	<10	--	--	--	--	--	<150	328.41	16.84	311.57	--	--
S-8	03/07/1989	<50	1.2	1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-8	06/26/1989	<50	0.8	1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-8	09/08/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-8	12/14/1989	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--

GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-			TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
							8020 (µg/L)	8260 (µg/L)					DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)					
S-8	03/05/1990	<50	<0.5	0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	
S-8	06/14/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	
S-8	10/02/1990	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
S-8	12/18/1990	<50	2.9	7.0	1.0	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	
S-8	03/20/1991	<50a	0.8	1.8	2.6	5.2	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	15.73	311.27	--	--	
S-8	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	327.00	14.64	312.36	--	--	
S-8	06/24/1992	<50	1.4	1.9	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	15.77	311.23	--	--	
S-8	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	15.37	311.63	--	--	
S-8	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	14.94	312.06	--	--	
S-8	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	09/15/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	327.00	14.91	312.09	--	--	
S-8	09/13/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	327.00	15.16	311.84	--	--	
S-8	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	327.00	14.11	312.89	--	--	
S-8	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	327.00	14.20	312.80	--	--	
S-8	06/25/1997	170	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	327.00	14.42	312.58	--	0.5	
S-8	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	327.00	13.49	313.51	--	2.2	
S-8	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--	--	--	--	--	--	327.00	14.07	312.93	--	0.9	
S-8	06/15/2000	Well inaccessible			--	--	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	06/21/2000	<50.0	<0.500	<0.500	<0.500	<0.500	21.0	--	--	--	--	--	--	--	327.00	14.43	312.57	--	--	
S-8	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	9.46	--	--	--	--	--	--	--	327.00	14.44	312.56	--	2.2	
S-8	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	4.21	--	--	--	--	--	--	--	327.00	13.69	313.31	--	2.1	
S-8	06/18/2001	<50	0.55	0.92	<0.50	0.51	--	13	--	--	--	--	--	--	327.00	14.60	312.40	--	--	
S-8	09/17/2001	Unable to sample			--	--	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	09/18/2001	Unable to sample			--	--	--	--	--	--	--	--	--	--	327.00	--	--	--	--	
S-8	12/31/2001	<50	1.1	1.4	<0.50	<0.50	--	8.4	--	--	--	--	--	--	327.00	14.02	312.98	--	--	
S-8	03/13/2002	Unable to sample			--	--	--	--	--	--	--	--	--	--	327.00	14.92	312.08	--	--	
S-8	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	--	19	--	--	--	--	--	--	327.00	15.37	311.63	--	--	
S-8	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	--	19	--	--	--	--	--	--	326.14	14.60	311.54	--	--	
S-8	12/27/2002	Well inaccessible			--	--	--	--	--	--	--	--	--	--	326.14	--	--	--	--	
S-8	01/07/2003	Well inaccessible			--	--	--	--	--	--	--	--	--	--	326.14	--	--	--	--	
S-8	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	--	25	--	--	--	--	--	--	326.14	14.58	311.56	--	--	

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	--	24	<5.0	--	--	--	--	--	--	326.14	13.45	312.69	--	--
S-8	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	--	46	<5.0	--	--	--	--	--	--	326.14	15.19	310.95	--	--
S-8	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	--	42	<5.0	--	--	--	--	--	--	326.14	16.58	309.56	--	--
S-8	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	--	50	<5.0	--	--	--	--	--	--	326.14	16.27	309.87	--	--
S-8	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	--	33	<5.0	--	--	--	--	--	--	326.14	16.12	310.02	--	--
S-8	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	--	18	<5.0	<2.0	<2.0	<2.0	--	--	<50	326.14	16.26	309.88	--	--
S-8	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	--	25	<5.0	<2.0	<2.0	<2.0	--	--	<50	326.14	15.93	310.21	--	--
S-8	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	--	21	<5.0	<2.0	<2.0	<2.0	--	--	--	326.14	15.79	310.35	--	--
S-8	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	--	11	<5.0	<0.50	<0.50	<0.50	--	--	<5.0	326.14	14.78	311.36	--	--
S-8	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	--	13	<5.0	<2.0	<2.0	<2.0	--	--	<50	326.14	16.51	309.63	--	--
S-8	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	11	<5.0	<2.0	<2.0	<2.0	--	--	<50	326.14	17.38	308.76	--	--
S-8	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	9.65	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	326.14	16.55	309.59	--	--
S-8	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	5.94	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	326.14	14.18	311.96	--	--
S-8	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	--	7.00	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	326.14	14.52	311.62	--	--
S-8	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	8.54	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	326.14	14.30	311.84	--	--
S-8	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	--	11	<10	<1.0	<1.0	<1.0	--	--	<150	326.14	15.07	311.07	--	--
S-8	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	9.0	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	14.31	311.83	--	--
S-8	07/09/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	12	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	14.38	311.76	--	--
S-8	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	22	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	14.50	311.64	--	--
S-8	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	--	14	<10	<2.0	<2.0	<2.0	--	--	180	326.14	13.88	312.26	--	--
S-8	04/11/2008	51	<0.50	<1.0	<1.0	<1.0	--	25	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	14.46	311.68	--	--
S-8	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	14	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	15.45	310.69	--	--
S-8	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	12	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	15.69	310.45	--	--
S-8	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	8.7	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	14.91	311.23	--	--
S-8	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	8.1	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	14.95	311.19	--	--
S-8	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	9.7	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	15.36	310.78	--	--
S-8	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	6.7	<10	<2.0	<2.0	<2.0	--	--	<100	326.14	14.98	311.16	--	--
S-8	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	326.14	14.75	311.39	--	--
S-8	01/21/2011	<50	<0.50	<0.50	<0.50	1.2	--	5.3	<10	<1.0	<1.0	<1.0	--	--	<150	326.14	14.53	311.61	--	--
S-8	07/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	<150	326.14	14.85	311.29	--	--
S-9	03/07/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-9	06/26/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-9	09/08/1989	<50	1.7	2	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-9	12/15/1989	<50	0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1

GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	03/06/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/14/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	10/02/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/18/1990	<50	20	27	7.1	35	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/07/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/26/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	09/08/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/15/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/06/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/14/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/02/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/18/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/20/1991	70a	0.7	0.7	<0.5	1	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	09/05/1991	<50	<0.5	0.8	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	18.18	310.06	---	---
S-9	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	328.24	17.37	310.87	---	---
S-9	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	18.45	309.79	---	---
S-9	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.88	310.36	---	---
S-9	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.34	310.90	---	---
S-9	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	09/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.24	17.42	310.82	---	---
S-9	12/09/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	16.89	311.35	---	---
S-9	03/04/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.22	311.02	---	---
S-9	06/16/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.46	310.78	---	---
S-9	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.59	310.65	---	---
S-9	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.03	311.21	---	---
S-9	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	328.24	16.76	311.48	---	---
S-9	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---	---	---	---	---	328.24	16.89	311.35	---	1
S-9	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	7.1	---	---	---	---	---	---	---	---	328.24	15.59	312.65	---	3.8
S-9	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	15.3	---	---	---	---	---	---	---	---	328.24	16.47	311.77	---	1.9
S-9	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.2	---	---	---	---	---	---	---	---	328.24	16.11	312.13	---	1.1
S-9	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	76.5	---	---	---	---	---	---	---	---	328.24	17.30	310.94	---	1.1
S-9	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	84.9	---	---	---	---	---	---	---	---	328.24	19.42	308.82	---	1.1

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	--	86	--	--	--	--	--	--	--	328.24	17.22	311.02	--	--
S-9	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	--	130	--	--	--	--	--	--	--	328.24	17.66	310.58	--	--
S-9	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	--	120	--	--	--	--	--	--	--	328.24	17.65	310.59	--	--
S-9	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	--	130	--	--	--	--	--	--	--	328.24	17.75	310.49	--	--
S-9	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	--	160	--	--	--	--	--	--	--	328.24	19.59	308.65	--	--
S-9	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	--	180	--	--	--	--	--	--	--	327.85	17.65	310.20	--	--
S-9	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	--	180	<50	<2.0	<2.0	<2.0	2.8	<2.0	--	327.85	18.45	309.40	--	--
S-9	03/24/2003	<250	<2.5	<2.5	<2.5	<5.0	--	230	--	--	--	--	--	--	--	327.85	17.97	309.88	--	--
S-9	05/09/2003	<250	<2.5	<2.5	<2.5	<5.0	--	240	<25	--	--	--	--	--	--	327.85	17.68	310.17	--	--
S-9	07/08/2003	<250	<2.5	<2.5	<2.5	<5.0	--	250	<25	--	--	--	--	--	--	327.85	17.65	310.20	--	--
S-9	10/15/2003	<100	<1.0	<1.0	<1.0	<2.0	--	210	<10	--	--	--	--	--	--	327.85	19.49	308.36	--	--
S-9	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0	--	290	<10	--	--	--	--	--	--	327.85	20.51	307.34	--	--
S-9	04/07/2004	<100	<1.0	<1.0	<1.0	<2.0	--	250	<10	--	--	--	--	--	--	327.85	20.02	307.83	--	--
S-9	07/27/2004	<250	<2.5	9.1	2.7	9.8	--	270	<25	<10	<10	<10	--	<250	327.85	19.89	307.96	--	--	
S-9	10/29/2004	<100	<1.0	<1.0	<1.0	<2.0	--	240	<10	<4.0	<4.0	<4.0	--	<100	327.85	19.17	308.68	--	--	
S-9	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	--	340	<25	<10	<10	<10	--	--	327.85	19.65	308.20	--	--	
S-9	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	--	250	<5.0	<0.50	<0.50	1.4	--	<5.0	327.85	17.38	310.47	--	--	
S-9	07/29/2005	<100	<1.0	<1.0	<1.0	<2.0	--	250	<10	<4.0	<4.0	<4.0	--	<100	327.85	20.09	307.76	--	--	
S-9	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0	--	200	<10	<4.0	<4.0	<4.0	--	<100	327.85	21.89	305.96	--	--	
S-9	11/11/2005	<100	<1.0	<1.0	<1.0	<2.0	--	220	25	--	--	--	--	--	327.85	20.41	307.44	--	--	
S-9	01/26/2006	55.7	<0.500	<0.500	<0.500	<0.500	--	174	<10.0	<0.500	<0.500	2.50	--	<50.0	327.85	20.56	307.29	--	--	
S-9	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	202	<10.0	<0.500	<0.500	2.29	--	<50.0	327.85	18.39	309.46	--	--	
S-9	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	--	158.00	<10.0	<0.500	<0.500	2.06	--	<50.0	327.85	18.60	309.25	--	--	
S-9	10/20/2006	212	<0.500	<0.500	<0.500	<0.500	--	151	<10.0	<0.500	<0.500	1.25	--	<50.0	327.85	18.75	309.10	--	--	
S-9	01/22/2007	82 j	<0.50	<0.50	<0.50	<1.0	--	150	20 h	<1.0	<1.0	1.4	--	<150	327.85	17.92	309.93	--	--	
S-9	04/13/2007	70 k,l	<0.50	<1.0	<1.0	<1.0	--	140	26	<2.0	<2.0	1.0 m	--	<100	327.85	18.14	309.71	--	--	
S-9	07/09/2007	70 k,l	<0.50	<1.0	<1.0	<1.0	--	120	<10	<2.0	<2.0	1.2 m	--	<100	327.85	18.37	309.48	--	--	
S-9	10/22/2007	59 k,l	<0.50	<1.0	<1.0	<1.0	--	110	8.2 m	<2.0	<2.0	<2.0	--	<100	327.85	18.08	309.77	--	--	
S-9	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	--	73	<10	<2.0	<2.0	<2.0	--	130	327.85	17.20	310.65	--	--	
S-9	04/11/2008	73	<0.50	<1.0	<1.0	<1.0	--	55	<10	<2.0	<2.0	<2.0	--	<100	327.85	17.74	310.11	--	--	
S-9	07/29/2008	85	<0.50	<1.0	<1.0	<1.0	--	45	<10	<2.0	<2.0	<2.0	--	230	327.85	18.33	309.52	--	--	
S-9	10/29/2008	58	<0.50	<1.0	<1.0	<1.0	--	40	<10	<2.0	<2.0	<2.0	--	<100	327.85	18.89	308.96	--	--	
S-9	01/21/2009	51	<0.50	<1.0	<1.0	<1.0	--	35	<10	<2.0	<2.0	<2.0	--	<100	327.85	18.21	309.64	--	--	
S-9	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	27	<10	<2.0	<2.0	<2.0	--	<100	327.85	17.48	310.37	--	--	
S-9	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	28	<10	<2.0	<2.0	<2.0	--	<100	327.85	18.60	309.25	--	--	

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	22	<10	<2.0	<2.0	<2.0	--	--	<100	327.85	19.18	308.67	--	--
S-9	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	--	16	<10	--	--	--	--	--	<100	327.85	17.81	310.04	--	--
S-9	01/21/2011	<50	<0.50	<0.50	<0.50	1.8	--	13	<10	<1.0	<1.0	<1.0	--	--	<150	327.85	17.79	310.06	--	--
S-9	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	--	13	<10	--	--	--	--	--	<150	327.85	18.02	309.83	--	--
S-9B	11/08/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.47	43.12	287.35	--	--
S-9B	11/11/2005	<50	<0.50	2.0	<0.50	<1.0	--	23	<5.0	--	--	--	--	--	--	330.47	45.25	285.22	--	--
S-9B	01/26/2006	<50.0	<0.500	1.68	<0.500	<0.500	--	20.6	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.47	38.19	292.28	--	--
S-9B	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	10.5	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.47	30.31	300.16	--	--
S-9B	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	--	4.98	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.47	29.01	301.46	--	--
S-9B	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	5.89	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.47	31.25	299.22	--	--
S-9B	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	--	4.9	<10	<1.0	<1.0	<1.0	--	--	<150	330.47	26.78	303.69	--	--
S-9B	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	3.5	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	23.51	306.96	--	--
S-9B	07/09/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	3.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	30.15	300.32	--	--
S-9B	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	5.8	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	28.44	302.03	--	--
S-9B	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	--	2.9	<10	<2.0	<2.0	<2.0	--	--	190	330.47	24.22	306.25	--	--
S-9B	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	3.1	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	24.20	306.27	--	--
S-9B	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	4.1	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	31.69	298.78	--	--
S-9B	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	4.1	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	35.86	294.61	--	--
S-9B	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	3.7	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	31.31	299.16	--	--
S-9B	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	3.1	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	28.10	302.37	--	--
S-9B	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	3.8	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	33.76	296.71	--	--
S-9B	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	4.7	<10	<2.0	<2.0	<2.0	--	--	<100	330.47	36.93	293.54	--	--
S-9B	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--	330.47	34.49	295.98	--	--	
S-9B	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.47	35.85	294.62	--	--
S-9B	01/21/2011	<50	<0.50	0.73	0.58	3.2	--	2.9	<10	<1.0	<1.0	<1.0	--	--	<150	330.47	33.95	296.52	--	--
S-9B	07/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.47	33.95	296.52	--	--
S-9C	11/08/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.77	40.80	289.97	--	--
S-9C	11/11/2005	<50	<0.50	<0.50	<0.50	<1.0	--	10	<5.0	--	--	--	--	--	--	330.77	42.87	287.90	--	--
S-9C	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	7.05	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.77	37.40	293.37	--	--
S-9C	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	4.86	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.77	28.04	302.73	--	--
S-9C	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	--	1.94	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.77	28.96	301.81	--	--
S-9C	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	1.06	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	330.77	30.47	300.30	--	--
S-9C	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	--	0.64 m	<10	<1.0	<1.0	<1.0	--	--	<150	330.77	26.52	304.25	--	--
S-9C	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	0.54 m	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	23.70	307.07	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-		Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
							8020 (µg/L)	8260 (µg/L)					DCA (µg/L)	EDB (µg/L)						
S-9C	07/09/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	0.34 m	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	30.28	300.49	--	--
S-9C	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	0.33 m	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	17.03	313.74	--	--
S-9C	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	150	330.77	24.20	306.57	--	--
S-9C	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	24.25	306.52	--	--
S-9C	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	31.55	299.22	--	--
S-9C	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	35.54	295.23	--	--
S-9C	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	31.11	299.66	--	--
S-9C	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	28.29	302.48	--	--
S-9C	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	33.62	297.15	--	--
S-9C	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	36.55	294.22	--	--
S-9C	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.77	34.34	296.43	--	--
S-9C	01/21/2011	<50	<0.50	1.0	0.79	4.2	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	330.77	35.59	295.18	--	--
S-9C	07/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.77	33.92	296.85	--	--
S-10	08/11/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	09/08/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	12/15/1989	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	03/06/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	06/14/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	10/02/1990	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	12/18/1990	<50	<0.5	<0.5	<0.5	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	03/20/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	06/26/1991	50	1.8	5.8	1.9	13	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	14.77	311.78	--	--
S-10	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	326.55	14.16	312.39	--	--
S-10	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	14.83	311.72	--	--
S-10	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	13.85	312.70	--	--
S-10	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	13.90	312.65	--	--
S-10	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	09/15/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	326.55	13.66	312.89	--	--
S-10	09/13/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	326.55	13.84	312.71	--	--
S-10	06/21/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	326.55	13.08	313.47	--	--
S-10	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--	326.55	13.34	313.21	--	--



TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---	---	---	---	---	326.55	13.28	313.27	---	2.4
S-10	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	326.55	12.41	314.14	---	1.8
S-10	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	---	326.55	12.81	313.74	---	2.0
S-10	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	326.55	13.27	313.28	---	2.1
S-10	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	326.55	13.98	312.57	---	2.4
S-10	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	326.55	13.40	313.15	---	2.5
S-10	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	3.7	---	---	---	---	---	---	---	326.55	13.29	313.26	---	---
S-10	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	13.61	312.94	---	---
S-10	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	13.48	313.07	---	---
S-10	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	14.66	311.89	---	---
S-10	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	14.59	311.96	---	---
S-10	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	325.87	13.21	312.66	---	---
S-10	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	325.87	13.50	312.37	---	---
S-10	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	325.87	16.60	309.27	---	---
S-10	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.7	<5.0	---	---	---	---	---	---	325.87	13.07	312.80	---	---
S-10	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.7	<5.0	---	---	---	---	---	---	325.87	14.10	311.77	---	---
S-10	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	0.69	<5.0	---	---	---	---	---	---	325.87	14.75	311.12	---	---
S-10	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.51	<5.0	---	---	---	---	---	---	325.87	15.28	310.59	---	---
S-10	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	325.87	15.39	310.48	---	---
S-10	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	<50	325.87	15.25	310.62	---	---	
S-10	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	<50	325.87	15.23	310.64	---	---	
S-10	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	325.87	15.47	310.40	---	---	
S-10	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<5.0	<0.50	<0.50	<0.50	---	<5.0	325.87	13.24	312.63	---	---	
S-10	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	<50	325.87	15.08	310.79	---	---	
S-10	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	<50	325.87	15.45	310.42	---	---	
S-10	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	<50.0	325.87	14.85	311.02	---	---	
S-10	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	<50.0	325.87	13.90	311.97	---	---	
S-10	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	<50.0	325.87	13.00	312.87	---	---	
S-10	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	<50.0	325.87	13.15	312.72	---	---	
S-10	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	<150	325.87	14.45	311.42	---	---	
S-10	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	<100	325.87	15.49	310.38	---	---	
S-10	07/09/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	<100	325.87	14.00	311.87	---	---	
S-10	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	<100	325.87	14.11	311.76	---	---	
S-10	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	<100	325.87	14.08	311.79	---	---	
S-10	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	<100	325.87	14.38	311.49	---	---	

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	14	<2.0	<2.0	<2.0	---	---	320	325.87	14.50	311.37	---	---
S-10	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.80	311.07	---	---
S-10	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.53	311.34	---	---
S-10	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	13.92	311.95	---	---
S-10	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.84	311.03	---	---
S-10	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.35	311.52	---	---
S-10	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	325.87	14.40	311.47	---	---
S-10	01/21/2011	<50	<0.50	1.1	0.78	3.7	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	325.87	13.90	311.97	---	---
S-10	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	325.87	14.69	311.18	---	---
S-11	09/23/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.93	---	---	---
S-11	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	---	16.95	---	---	---
S-11	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	327.48	16.40	311.08	---	---
S-11	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	327.48	17.25	310.23	---	---
S-11	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	0.54	<5.0	---	---	---	---	---	---	327.48	16.37	311.11	---	---
S-11	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.48	17.17	310.31	---	---
S-11	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.48	18.01	309.47	---	---
S-11	01/06/2004	<50	<0.50	1.4	<0.50	<1.0	---	1.1	<5.0	---	---	---	---	---	---	327.48	18.25	309.23	---	---
S-11	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	1.4	<5.0	---	---	---	---	---	---	327.48	18.48	309.00	---	---
S-11	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	2.3	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	18.49	308.99	---	---
S-11	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	---	9.7	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	18.22	309.26	---	---
S-11	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	15	<5.0	<2.0	<2.0	<2.0	---	---	---	327.48	18.07	309.41	---	---
S-11	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	10	<5.0	<0.50	<0.50	<0.50	---	---	<5.0	327.48	16.28	311.20	---	---
S-11	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	19	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	17.98	309.50	---	---
S-11	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	24	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	18.45	309.03	---	---
S-11	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	27.7	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	18.50	308.98	---	---
S-11	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	41.0	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	16.61	310.87	---	---
S-11	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	33.3	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	16.44	311.04	---	---
S-11	10/20/2006	53.5	<0.500	<0.500	<0.500	<0.500	---	38.2	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	16.61	310.87	---	---
S-11	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	61	6.1 h,m	<1.0	<1.0	<1.0	---	---	<150	327.48	17.27	310.21	---	---
S-11	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	60	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	6.88	320.60	---	---
S-11	07/09/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	59	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	16.84	310.64	---	---
S-11	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	---	60	6.2 m	<2.0	<2.0	<2.0	---	---	<100	327.48	17.11	310.37	---	---
S-11	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	---	52	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	16.85	310.63	---	---
S-11	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	36	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	16.78	310.70	---	---

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-11	07/29/2008	58	<0.50	<1.0	<1.0	<1.0	--	31	<10	<2.0	<2.0	<2.0	--	--	<100	327.48	17.31	310.17	--	--
S-11	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	22	<10	<2.0	<2.0	<2.0	--	--	<100	327.48	17.85	309.63	--	--
S-11	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	20	<10	<2.0	<2.0	<2.0	--	--	<100	327.48	17.66	309.82	--	--
S-11	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	20	<10	<2.0	<2.0	<2.0	--	--	<100	327.48	16.93	310.55	--	--
S-11	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	17	<10	<2.0	<2.0	<2.0	--	--	<100	327.48	17.74	309.74	--	--
S-11	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	13	<10	<2.0	<2.0	<2.0	--	--	<100	327.48	17.61	309.87	--	--
S-11	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	327.48	17.17	310.31	--	--
S-11	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	--	11	<10	<1.0	<1.0	<1.0	--	--	<150	327.48	17.21	310.27	--	--
S-11	07/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	327.48	17.10	310.38	--	--
S-12	09/23/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14.74	--	--	--
S-12	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	--	--	--	--	--	--	--	--	17.95	--	--	--
S-12	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	--	322.76	16.92	305.84	--	--
S-12	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	--	<5.0	--	--	--	--	--	--	--	322.76	16.53	306.23	--	--
S-12	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	--	1.5	<5.0	--	--	--	--	--	--	322.76	17.73	305.03	--	--
S-12	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	--	1.2	<5.0	--	--	--	--	--	--	322.76	17.18	305.58	--	--
S-12	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	--	1.1	<5.0	--	--	--	--	--	--	322.76	17.54	305.22	--	--
S-12	01/06/2004	<50	<0.50	1.1	<0.50	<1.0	--	1.1	<5.0	--	--	--	--	--	--	322.76	17.45	305.31	--	--
S-12	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	--	0.76	<5.0	--	--	--	--	--	--	322.76	16.85	305.91	--	--
S-12	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	--	0.65	<5.0	<2.0	<2.0	<2.0	--	--	<50	322.76	17.89	304.87	--	--
S-12	10/29/2004	<50 f	<0.50	<0.50	<0.50	<1.0	--	1.3	<5.0	<2.0	<2.0	<2.0	--	--	<50	322.76	17.84	304.92	--	--
S-12	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	--	0.79	<5.0	<0.50	<0.50	<0.50	--	--	<5.0	322.76	15.98	306.78	--	--
S-12	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	--	0.69	<5.0	<2.0	<2.0	<2.0	--	--	<50	322.76	17.32	305.44	--	--
S-12	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	0.66	<5.0	<2.0	<2.0	<2.0	--	--	<50	322.76	16.58	306.18	--	--
S-12	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	<0.500	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	322.76	15.94	306.82	--	--
S-12	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	0.740	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	322.76	17.31	305.45	--	--
S-12	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	--	<0.500	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	322.76	16.70	306.06	--	--
S-12	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	0.520	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	322.76	17.63	305.13	--	--
S-12	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	--	0.70 m	<10	<1.0	<1.0	<1.0	--	--	<150	322.76	17.05	305.71	--	--
S-12	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	0.70 m	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	17.12	305.64	--	--
S-12	07/09/2007	51 k,l	<0.50	<1.0	<1.0	<1.0	--	0.59 m	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	16.85	305.91	--	--
S-12	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	0.92	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	16.40	306.36	--	--
S-12	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	--	0.67 m	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	16.50	306.26	--	--
S-12	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	16.30	306.46	--	--
S-12	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	140	322.76	17.00	305.76	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-12	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	17.61	305.15	--	--
S-12	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	17.59	305.17	--	--
S-12	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	16.74	306.02	--	--
S-12	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	17.25	305.51	--	--
S-12	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	322.76	16.88	305.88	--	--
S-12	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	322.76	17.65	305.11	--	--
S-12	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	322.76	17.08	305.68	--	--
<b>S-12</b>	<b>07/20/2011</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<b>322.76</b>	<b>17.77</b>	<b>304.99</b>	--	--
S-14	11/08/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	324.90	17.45	307.45	--	--
S-14	11/11/2005	<50 f	<0.50	<0.50	<0.50	<1.0	--	<0.50	<5.0	--	--	--	--	--	--	324.90	17.63	307.27	--	--
S-14	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	<0.500	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	324.90	15.56	309.34	--	--
S-14	07/12/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	324.90	16.77	308.13	--	--
S-14	10/20/2006	<50.0	0.560	1.08	<0.500	0.630	--	<0.500	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	324.90	17.26	307.64	--	--
S-14	01/22/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	324.90	17.54	307.36	--	--
S-14	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	324.90	17.10	307.80	--	--
S-14	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	324.90	17.56	307.34	--	--
S-14	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	324.90	17.23	307.67	--	--
S-14	07/29/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	324.90	18.30	306.60	--	--
S-14	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	324.90	18.62	306.28	--	--
S-14	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	324.90	17.40	307.50	--	--
S-14	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	324.90	18.46	306.44	--	--
S-14	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	324.90	18.45	306.45	--	--
S-14	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	324.90	18.62	306.28	--	--
S-14	01/21/2011	<50	<0.50	<0.50	<0.50	1.6	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	324.90	17.80	307.10	--	--
<b>S-14</b>	<b>07/20/2011</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<b>324.90</b>	<b>18.19</b>	<b>306.71</b>	--	--
S-15	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	<0.500	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	--	24.00	--	--	--
S-15	07/12/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23.85	--	--	--
S-15	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	<0.500	<10.0	<0.500	<0.500	<0.500	--	--	<50.0	--	23.87	--	--	--
S-15	01/22/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26.03	--	--	--
S-15	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	--	24.29	--	--	--
S-15	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	--	24.34	--	--	--
S-15	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	--	23.90	--	--	--
S-15	07/29/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23.91	--	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)	
S-15	10/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24.02	---	---	---	
S-15	04/16/2009	Insufficient water					---	---	---	---	---	---	---	---	---	---	---	24.42	---	---	---
S-15	07/09/2009	Insufficient water					---	---	---	---	---	---	---	---	---	---	---	23.98	---	---	---
S-15	01/11/2010	Insufficient water					---	---	---	---	---	---	---	---	---	---	---	23.91	---	---	---
S-15	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.90	---	---	---	
S-15	01/21/2011	Insufficient water					---	---	---	---	---	---	---	---	---	---	---	23.00	---	---	---
S-15	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.86	---	---	---	
SR-1	10/11/1989	200	100	<1	<10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-1	12/14/1989	500	210	<0.5	16	16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-1	03/05/1990	64	20	<0.5	1.5	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-1	06/14/1990	60	17	<0.5	1.9	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-1	10/02/1990	<50	5.0	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-1	12/18/1990	<50	28	5.5	4.5	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-1	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	16.34	313.44	---	---	
SR-1	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	16.72	313.06	---	---	
SR-1	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	15.31	314.47	---	---	
SR-1	03/11/2002 d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.13	---	---	---	---	
SR-1	09/22/2003 d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.33	---	---	---	---	
SR-1	04/07/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.33	30.79	297.54	---	---	
SR-1	07/27/2004	<500	<5.0	<5.0	<5.0	11	---	44	3,000	<20	<20	<20	---	<500	328.33	30.72	297.61	---	---		
SR-1	08/04/2004	62	<0.50	<0.50	2.6	13	---	---	---	---	---	---	---	---	328.33	30.77	297.56	---	---		
SR-1	10/29/2004	<500	<5.0	<5.0	<5.0	<10	---	11	1,400	<20	<20	<20	---	<500	328.33	30.85	297.48	---	---		
SR-1	01/06/2005	<250	<2.5	<2.5	6.8	31	---	20	2,800	<10	<10	<10	---	---	328.33	30.92	297.41	---	---		
SR-1	04/14/2005	170	12	<0.90	11	1.5	---	190	2,200	<0.90	<0.90	<0.90	---	<9.0	328.33	30.73	297.60	---	---		
SR-1	07/29/2005	<100	<1.0	<1.0	<1.0	3.7	---	7.6	1,500	<4.0	<4.0	<4.0	---	<100	328.33	24.53	303.80	---	---		
SR-1	10/20/2005	190	<1.0	<1.0	5.4	35	---	4.3	1,200	<4.0	<4.0	<4.0	---	<100	328.33	31.00	297.33	---	---		
SR-1	01/26/2006	<50.0	4.65	<0.500	1.79	18.8	---	4.25	556	<0.500	<0.500	<0.500	---	<50.0	328.33	30.89	297.44	---	---		
SR-1	04/24/2006	<50.0	2.76	<0.500	1.36	<0.500	---	42.8	180	<0.500	<0.500	<0.500	---	<50.0	328.33	14.94	313.39	---	---		
SR-1	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	---	3.24	171	<0.500	<0.500	<0.500	---	<50.0	328.33	14.71	313.62	---	---		
SR-1	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	<50.0	328.33	15.84	312.49	---	---		
SR-1	01/22/2007	<50	0.48 m	<0.50	0.60	<1.0	---	0.70 m	46	<1.0	<1.0	<1.0	---	<150	328.33	15.25	313.08	---	---		
SR-1	04/13/2007	61 k	0.43 m	<1.0	0.26 m	<1.0	---	9.4	62	<2.0	<2.0	<2.0	---	<100	328.33	14.78	313.55	---	---		
SR-1	07/09/2007	<50 k	0.44 m	<1.0	0.69 m	<1.0	---	3.5	19	<2.0	<2.0	<2.0	---	<100	328.33	14.44	313.89	---	---		
SR-1	10/22/2007	<50 k	<0.50	<1.0	0.56 m	<1.0	---	9.6	31	<2.0	<2.0	<2.0	---	<100	328.33	15.31	313.02	---	---		

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)	
SR-1	01/09/2008	53 k	<0.50	<1.0	3.5	2.6	---	5.6	12	<2.0	<2.0	<2.0	---	---	<100	328.33	14.39	313.94	---	---	
SR-1	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	4.7	16	<2.0	<2.0	<2.0	---	---	<100	328.33	15.00	313.33	---	---	
SR-1	07/29/2008	100	<0.50	<1.0	1.7	<1.0	---	4.4	23	<2.0	<2.0	<2.0	---	---	<100	328.33	15.70	312.63	---	---	
SR-1	10/29/2008	54	<0.50	<1.0	<1.0	<1.0	---	8.3	61	<2.0	<2.0	<2.0	---	---	<100	328.33	16.05	312.28	---	---	
SR-1	01/21/2009	68	<0.50	<1.0	<1.0	<1.0	---	26	310	<2.0	<2.0	<2.0	---	---	<100	328.33	15.02	313.31	---	---	
SR-1	04/16/2009	62	<0.50	<1.0	<1.0	<1.0	---	8.0	38	<2.0	<2.0	<2.0	---	---	<100	328.33	14.69	313.64	---	---	
SR-1	07/09/2009	87	<0.50	<1.0	<1.0	<1.0	---	26	150	<2.0	<2.0	<2.0	---	---	<100	328.33	15.91	312.42	---	---	
SR-1	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	12	230	<2.0	<2.0	<2.0	---	---	<100	328.33	15.25	313.08	---	---	
SR-1	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	---	15	300	---	---	---	---	---	<100	328.33	15.28	313.05	---	---	
SR-1	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	---	15	300	---	---	---	---	---	<100	328.33	15.28	313.05	---	---	
SR-1	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	3.2	85	<1.0	<1.0	<1.0	---	---	<150	328.33	15.02	313.31	---	---	
SR-1	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	8.3	180	---	---	---	---	---	<150	328.33	15.42	312.91	---	---	
SR-2	10/11/1989	880	<10	1.0	29	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-2	12/14/1989	1100	17	<0.5	100	67	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-2	03/05/1990	140	3.0	<0.5	12	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-2	06/14/1990	<50	<0.5	<0.5	2.6	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-2	10/02/1990	<50	<0.5	<0.5	0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-2	12/18/1990	<50	1.6	1.4	1.6	2.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SR-2	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.35	14.39	313.96	---	---
SR-2	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.35	14.48	313.87	---	---
SR-2	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.35	13.62	314.73	---	---
SR-2	09/27/2002	<1,000	<10	<10	<10	<10	---	5,000	---	---	---	---	---	---	---	---	327.91	14.20	313.71	---	---
SR-2	12/27/2002	<1,000	<10	<10	<10	<10	---	4,800	1,600	<10	<10	<10	<10	<10	---	---	327.91	13.33	314.58	<10	---
SR-2	03/24/2003	<5,000	<50	<50	<50	<100	---	10,000	---	---	---	---	---	---	---	---	327.91	13.75	314.16	---	---
SR-2	05/09/2003	<5,000	<50	<50	80	290	---	13,000	6,100	---	---	---	---	---	---	---	327.91	13.40	314.51	---	---
SR-2	07/08/2003	<5,000	<50	<50	<50	<100	---	12,000	4,800	---	---	---	---	---	---	---	327.31	30.48	296.83	---	---
SR-2	10/15/2003	<500	<5.0	<5.0	<5.0	20	---	1,200	9,800	---	---	---	---	---	---	---	327.31	15.38	311.93	---	---
SR-2	01/06/2004	<1,300	<13	<13	<13	<25	---	500	17,000	---	---	---	---	---	---	---	327.31	31.47	295.84	---	---
SR-2	04/07/2004	<1,300	<13	<13	<13	<25	---	280	10,000	---	---	---	---	---	---	---	327.31	31.54	295.77	---	---
SR-2	07/27/2004	<1,300	<13	<13	<13	<25	---	63	9,500	<50	<50	<50	---	---	<1,300	327.31	31.35	295.96	---	---	
SR-2	10/29/2004	<1,300	<13	<13	<13	<25	---	47	7,600	<50	<50	<50	---	---	<1,300	327.31	30.50	296.81	---	---	
SR-2	01/06/2005	<1,300	<13	<13	<13	<25	---	23	6,000	<50	<50	<50	---	---	---	327.31	31.38	295.93	---	---	
SR-2	04/14/2005	<150	<1.5	<1.5	<1.5	1.7	---	27	6,300	<1.5	<1.5	<1.5	---	---	<15	327.31	31.28	296.03	---	---	
SR-2	07/29/2005	<500	<5.0	<5.0	<5.0	<10	---	14	5,400	<20	<20	<20	---	---	<500	327.31	22.71	304.60	---	---	
SR-2	10/20/2005	<500	<5.0	<5.0	<5.0	<10	---	<5.0	3,600	<20	<20	<20	---	---	<500	327.31	31.31	296.00	---	---	

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-		Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
							8020 (µg/L)	8260 (µg/L)					DCA (µg/L)	EDB (µg/L)						
SR-2	01/26/2006	<50.0	<0.500	<0.500	1.56	7.72	--	6.37	1,620	<0.500	<0.500	<0.500	--	--	<50.0	327.31	31.60	295.71	--	--
SR-2	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	13.1	544	<0.500	<0.500	<0.500	--	--	<50.0	327.31	12.86	314.45	--	--
SR-2	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	--	3.00	941	<0.500	<0.500	<0.500	--	--	<50.0	327.31	12.65	314.66	--	--
SR-2	10/20/2006	96.0	<0.500	<0.500	<0.500	<0.500	--	9.56	881	<0.500	<0.500	<0.500	--	--	<50.0	327.31	14.10	313.21	--	--
SR-2	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	--	2.8	1,100	<1.0	<1.0	<1.0	--	--	<150	327.31	13.47	313.84	--	--
SR-2	04/13/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	6.9	520	<2.0	<2.0	<2.0	--	--	<100	327.31	12.89	314.42	--	--
SR-2	07/09/2007	58 k,l	0.14 m	<1.0	<1.0	<1.0	--	21	720	<2.0	<2.0	<2.0	--	--	<100	327.31	12.03	315.28	--	--
SR-2	10/22/2007	<50 k	<0.50	<1.0	<1.0	<1.0	--	2.0	69	<2.0	<2.0	<2.0	--	--	<100	327.31	13.51	313.80	--	--
SR-2	01/09/2008	<50 k	0.17 M	<1.0	<1.0	<1.0	--	8.7	100	<2.0	<2.0	<2.0	--	--	<100	327.31	13.63	313.68	--	--
SR-2	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	8.3	280	<2.0	<2.0	<2.0	--	--	<100	327.31	13.21	314.10	--	--
SR-2	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	1.2	22	<2.0	<2.0	<2.0	--	--	<100	327.31	14.81	312.50	--	--
SR-2	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	1.6	21	<2.0	<2.0	<2.0	--	--	<100	327.31	15.10	312.21	--	--
SR-2	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	1.6	70	<2.0	<2.0	<2.0	--	--	<100	327.31	12.79	314.52	--	--
SR-2	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	2.3	73	<2.0	<2.0	<2.0	--	--	<100	327.31	12.64	314.67	--	--
SR-2	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	4.0	63	<2.0	<2.0	<2.0	--	--	<100	327.31	14.07	313.24	--	--
SR-2	01/11/2010	83	<0.50	<1.0	<1.0	<1.0	--	4.8	220	<2.0	<2.0	<2.0	--	--	<100	327.31	13.04	314.27	--	--
SR-2	07/06/2010	2100	28	<2.0	21	<2.0	--	38	820	--	--	--	--	--	<200	327.31	14.43	312.88	--	--
SR-2	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	327.31	13.19	314.12	--	--
SR-2	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	--	1.3	53	<1.0	<1.0	<1.0	--	--	<150	327.31	13.04	314.27	--	--
SR-2	07/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<b>327.31</b>	<b>13.44</b>	<b>313.87</b>	--	--
SR-3	12/11/1989	500	92	10	43	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-3	12/14/1989	2,400	310	27	170	340	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-3	03/05/1990	70	15	0.8	5.8	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-3	06/14/1990	470	59	2.3	35	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-3	10/02/1990	1,700	91	6.2	7.0	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-3	12/18/1990	140	10	0.8	7.5	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SR-3	03/04/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	329.11	14.66	314.45	--	--
SR-3	06/16/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	329.11	14.96	314.15	--	--
SR-3	12/31/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	329.11	13.60	315.51	--	--
SR-3	09/27/2002	<2,500	<25	<25	<25	<25	--	11,000	--	--	--	--	--	--	--	328.65	14.75	313.90	--	--
SR-3	12/27/2002	<2,000	<20	<20	<20	<20	--	5,100	4,600	<20	<20	<20	<20	<20	--	328.65	13.65	315.00	--	--
SR-3	03/24/2003	<2,500	<25	<25	<25	<50	--	3,700	--	--	--	--	--	--	--	328.65	13.52	315.13	--	--
SR-3	05/09/2003	<1,000	15	<10	19	48	--	3,700	8,400	--	--	--	--	--	--	328.65	12.15	316.50	--	--
SR-3	07/08/2003	<1,000	<10	<10	<10	<20	--	2,800	8,300	--	--	--	--	--	--	327.50	30.00	297.50	--	--

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-3	10/15/2003	310	3.2	<2.5	9.1	30	---	240	3,600	---	---	---	---	---	---	327.50	15.39	312.11	---	---
SR-3	01/06/2004	<500	<5.0	<5.0	<5.0	<10	---	26	3,300	---	---	---	---	---	---	327.50	30.29	297.21	---	---
SR-3	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	4.4	370	---	---	---	---	---	---	327.50	15.49	312.01	---	---
SR-3	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	9.0	390	<2.0	<2.0	<2.0	---	---	<50	327.50	15.34	312.16	---	---
SR-3	10/29/2004	<100	<1.0	<1.0	<1.0	<2.0	---	15	780	<4.0	<4.0	<4.0	---	---	<100	327.50	15.22	312.28	---	---
SR-3	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	6.3	250	<2.0	<2.0	<2.0	---	---	---	327.50	15.08	312.42	---	---
SR-3	04/14/2005	58	0.76	<0.50	1.5	<0.50	---	46	2,200	<0.50	<0.50	<0.50	---	---	<5.0	327.50	30.53	296.97	---	---
SR-3	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	6.7	490	<2.0	<2.0	<2.0	---	---	<50	327.50	21.81	305.69	---	---
SR-3	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	3.3	76	<2.0	<2.0	<2.0	---	---	<50	327.50	29.19	298.31	---	---
SR-3	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	3.34	84.9	<0.500	<0.500	<0.500	---	---	<50.0	327.50	31.00	296.50	---	---
SR-3	04/24/2006	<50.0	1.67	<0.500	0.640	<0.500	---	36.4	315	<0.500	<0.500	<0.500	---	---	<50.0	327.50	12.42	315.08	---	---
SR-3	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	---	9.73	724	<0.500	<0.500	<0.500	---	---	<50.0	327.50	12.75	314.75	---	---
SR-3	10/20/2006	73.3	<0.500	<0.500	<0.500	<0.500	---	5.64	847	<0.500	<0.500	<0.500	---	---	<50.0	327.50	13.93	313.57	---	---
SR-3	01/22/2007	56	<2.0	<2.0	<2.0	<4.0	---	5.6	1,300	<4.0	<4.0	<4.0	---	---	<600	327.50	13.31	314.19	---	---
SR-3	04/13/2007	66 k,l	<5.0	<10	<10	<10	---	16	2,400	<20	<20	<20	---	---	<1,000	327.50	13.61	313.89	---	---
SR-3	07/09/2007	150 k,l	0.97	<1.0	0.33 m	<1.0	---	19	1,300	<2.0	<2.0	<2.0	---	---	<100	327.50	11.87	315.63	---	---
SR-3	10/22/2007	51 k	<0.50	<1.0	<1.0	<1.0	---	8.3	950	<2.0	<2.0	<2.0	---	---	<100	327.50	13.40	314.10	---	---
SR-3	01/09/2008	<50 k	<0.50	<1.0	<1.0	<1.0	---	5.2	610	<2.0	<2.0	<2.0	---	---	<100	327.50	13.61	313.89	---	---
SR-3	04/11/2008	66	<0.50	<1.0	<1.0	<1.0	---	9.3	830	<2.0	<2.0	<2.0	---	---	<100	327.50	14.11	313.39	---	---
SR-3	07/29/2008	60	<0.50	<1.0	<1.0	<1.0	---	7.1	570	<2.0	<2.0	<2.0	---	---	<100	327.50	14.85	312.65	---	---
SR-3	10/29/2008	52	<0.50	<1.0	<1.0	<1.0	---	4.6	390	<2.0	<2.0	<2.0	---	---	<100	327.50	14.94	312.56	---	---
SR-3	01/21/2009	320	4.0	<1.0	1.8	<1.0	---	11	760	<2.0	<2.0	<2.0	---	---	<100	327.50	12.47	315.03	---	---
SR-3	04/16/2009	80	0.59	<1.0	<1.0	<1.0	---	5.8	320	<2.0	<2.0	<2.0	---	---	<100	327.50	12.49	315.01	---	---
SR-3	07/09/2009	54	<0.50	<1.0	<1.0	<1.0	---	4.5	250	<2.0	<2.0	<2.0	---	---	<100	327.50	13.87	313.63	---	---
SR-3	01/11/2010	190	1.7	<1.0	<1.0	<1.0	---	7.2	390	<2.0	<2.0	<2.0	---	---	<100	327.50	12.73	314.77	---	---
SR-3	07/06/2010	100	<0.50	<1.0	<1.0	<1.0	---	2.3	110	---	---	---	---	---	<100	327.50	13.14	314.36	---	---
SR-3	01/21/2011	63	<0.50	<0.50	<0.50	<1.0	---	1.8	85	<1.0	<1.0	<1.0	---	---	<150	327.50	12.74	314.76	---	---
SR-3	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	1.4	63	---	---	---	---	---	<150	327.50	13.28	314.22	---	---
T-1	06/18/2002	<5,000	<50	<50	<50	<50	---	20,000	---	---	---	---	---	---	---	---	12.31	---	---	---
T-2	09/17/2001	<5,000	<25	<25	<25	<25	---	29,000	---	---	---	---	---	---	---	---	11.48	---	---	---
T-2	12/31/2001	<5,000	<50	<50	<50	<50	---	31,000	---	---	---	---	---	---	---	---	4.96	---	---	---
T-2	03/13/2002	<5,000	<50	<50	<50	<50	---	48,000	---	---	---	---	---	---	---	---	9.76	---	---	---
T-2	06/18/2002	<20,000	<200	<200	<200	<200	---	100,000	---	---	---	---	---	---	---	---	12.58	---	---	---
T-2	09/27/2002	240	0.55	2.8	1.8	2.6	---	39	---	---	---	---	---	---	---	---	8.15	---	---	---



TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
T-2	12/27/2002	2,100	7.8	17	<0.50	11	--	790	1,200	<2.0	<2.0	2.7	<2.0	<2.0	--	--	6.75	--	--	--
T-2	03/24/2003	550	<2.5	<2.5	<2.5	<5.0	--	310	--	--	--	--	--	--	--	--	11.68	--	--	--
T-2	05/09/2003	220	0.66	0.55	<0.50	1.8	--	100	92	--	--	--	--	--	--	--	6.40	--	--	--
T-2	07/08/2003	<500	13	7.4	<5.0	22	--	990	120	--	--	--	--	--	--	--	8.16	--	--	--
T-2	10/15/2003	220 e	<0.50	<0.50	<0.50	<1.0	--	13	23	--	--	--	--	--	--	--	11.15	--	--	--
T-2	01/06/2004	710	<0.50	<0.50	<0.50	1.2	--	14	9.2	--	--	--	--	--	--	--	9.10	--	--	--
T-2	04/07/2004	570 e	5.4	<0.50	<0.50	1.2	--	5.6	11	--	--	--	--	--	--	--	10.54	--	--	--
T-2	07/27/2004	270	17	1.2	<0.50	2.0	--	2.9	7.9	<2.0	<2.0	<2.0	--	--	<50	--	9.89	--	--	--
T-2	10/29/2004	180	<0.50	<0.50	<0.50	<1.0	--	4.2	23	<2.0	<2.0	<2.0	--	--	<50	--	9.42	--	--	--
T-2	01/06/2005	1,100	0.83	<0.50	<0.50	3.5	--	3.0	12	<2.0	<2.0	<2.0	--	--	--	--	7.98	--	--	--
T-3	06/18/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry	--	--	--
T-4	06/18/2002	<10,000	<100	<100	<100	<200	--	97,000	--	--	--	--	--	--	--	--	13.50	--	--	--
T-4	12/27/2002	550	5.3	16	0.60	39	--	140	120	<2.0	<2.0	<2.0	<2.0	<2.0	--	--	7.65	--	--	--
T-4	03/24/2003	1,400	<0.50	1.0	1.2	3.6	--	15	--	--	--	--	--	--	--	--	12.88	--	--	--
T-4	05/09/2003	<50	<0.50	<0.50	<0.50	1.6	--	14	5.2	--	--	--	--	--	--	--	7.59	--	--	--
T-4	07/08/2003	730	26	8.9	10	19	--	1,000	150	--	--	--	--	--	--	--	9.33	--	--	--
T-4	10/15/2003	1,200	15	6.1	2.8	11	--	310	980	--	--	--	--	--	--	--	11.80	--	--	--
T-4	01/06/2004	68	1.1	<0.50	<0.50	<1.0	--	12	<5.0	--	--	--	--	--	--	--	9.78	--	--	--
T-4	04/07/2004	1,600	5.1	0.57	<0.50	2.3	--	6.1	<5.0	--	--	--	--	--	--	--	11.15	--	--	--
T-4	07/27/2004	590	5.3	0.83	0.52	2.2	--	4.8	7.5	<2.0	<2.0	<2.0	--	--	<50	--	10.93	--	--	--
T-4	10/29/2004	83	<0.50	<0.50	<0.50	<1.0	--	1.2	<5.0	<2.0	<2.0	<2.0	--	--	<50	--	10.06	--	--	--
T-4	01/06/2005	430 g	<0.50	<0.50	<0.50	<1.0	--	9.6	<5.0	<2.0	<2.0	<2.0	--	--	--	--	8.69	--	--	--
C-1	05/09/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.50	302.83	--	--
C-1	07/08/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.50	302.83	--	--
C-1	10/15/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.52	302.81	--	--
C-1	01/06/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.21	303.12	--	--
C-1	04/07/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.54	302.79	--	--
C-1	07/27/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.58	302.75	--	--
C-1	10/29/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.58	302.75	--	--
C-1	01/06/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.55	302.78	--	--
C-1	04/14/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.55	302.78	--	--
C-1	07/29/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	331.33	28.54	302.79	--	--

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
C-1	10/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.11	300.22	---	---
C-1	01/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.15	300.18	---	---
C-1	04/24/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	32.07	299.26	---	---
C-1	07/12/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	29.30	302.03	---	---
C-1	10/20/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.64	299.69	---	---
C-1	01/22/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.03	301.30	---	---
C-1	04/13/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.21	301.12	---	---
C-1	07/09/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.38	297.95	---	---
C-1	10/22/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.18	298.15	---	---
C-1	01/09/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.21	303.12	---	---
C-1	04/11/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.52	297.81	---	---
C-1	07/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.91	300.42	---	---
C-1	10/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.02	300.31	---	---
C-1	01/21/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.54	300.79	---	---
C-1	04/16/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.61	300.72	---	---
C-1	07/09/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.74	300.59	---	---
C-1	01/11/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.83	300.50	---	---
C-1	07/06/2010	920	230	<5	150	150	---	---	---	---	---	---	---	---	---	331.33	30.92	300.41	---	---
C-1	01/21/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	34.46	296.87	---	---
C-1	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<b>331.33</b>	<b>30.82</b>	<b>300.51</b>	---	---

Notes:

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

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

MTBE = Methyl tertiary-butyl ether analyzed by method noted

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

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

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

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

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

EDB = 1,2-dibromoethane analyzed by EPA Method 8260

Ethanol analyzed by EPA Method 8260.

TOC = Top of casing elevation, in feet relative to mean sea level

GW = Groundwater

SPH = Separate-phase hydrocarbon

TABLE 1

**GROUNDWATER DATA  
SHELL-BRANDED SERVICE STATION  
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA		EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
							8020 (µg/L)	8260 (µg/L)					(µg/L)	(µg/L)							

DO = Dissolved oxygen

µg/L = Micrograms per liter

ft = Feet

MSL = Mean sea level

mg/L = Milligrams per liter

<x = Not detected at reporting limit x

— = Not analyzed or available

(D) = Duplicate sample

a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.

b = 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.

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.

Corrected groundwater elevation when SPHs are present = TOC - Depth to Water + (0.8 x Hydrocarbon Thickness).

Well T-2 is a backfill well.

Beginning September 23, 2002 depth to water referenced to TOC

All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002 by Virgil Chavez Land Surveying

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

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

4Q05 survey data for wells S-5B, S-5C, S-9B, S-9C, and S-14 provided by Delta Environmental Consultants, Inc.

APPENDIX A

BLAINE TECH SERVICES, INC. -  
FIELD NOTES

## WELL GAUGING DATA

Project # 110720-BP1 Date 7/20/11 Client Shell

Site 3790 Hayyard Rd, Pleasanton

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
S-2	0920	3					14.61	34.53	↓	
S-3	0710	3					12.95	35.32		
S-4	0907	3					14.26	35.79		
S-5	0913	3					16.70	35.68		
S-5B	0717	4					34.97	61.45		
S-5C	0722	4					34.83	76.65		
S-6	1314	3					14.29	34.30		
S-7	1315	3					16.84	34.32		
S-8	0822	3					14.85	34.43		
S-9	0840	3					18.02	34.36		
S-9B	0815	4					33.95	59.25		
S-9C	0731	4					33.92	78.54		
S-10	1302	3					14.69	34.31		
S-11	1308	2					17.10	24.90		
S-12	0804	2					17.77	24.53		
S-14	0749	4					18.19	24.59		
S-15	0757	4					23.86	24.54		





# SHELL WELL MONITORING DATA SHEET

BTS #: <u>110720-BP1</u>	Site: <u>98995842</u>
Sampler: <u>BP</u>	Date: <u>7/20/11</u>
Well I.D.: <u>S-4</u>	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth (TD): <u>35.79</u>	Depth to Water (DTW): <u>14.26</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>18.56</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

$\underline{9.0} \text{ (Gals.)} \times \underline{3} = \underline{24.0} \text{ Gals.}$ I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or (μS))	Turbidity (NTUs)	Gals. Removed	Observations
1225	70.5	6.78	2709	915	8.0	
1226	Well Dewatered @ 10.2			6.2	6.2	DTW: 30.97
1430	73.7	7.24	3107	33	—	

Did well dewater? Yes No      Gallons actually evacuated: 10.2  
 Sampling Date: 7/20/11      Sampling Time: 1430      Depth to Water: 21.36 (2hr)

Sample I.D.: S-4      Laboratory: Test America Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: TBA, Ethanol

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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>110720-BP1</u>	Site: <u>98995842</u>
Sampler: <u>BP</u>	Date: <u>7/20/11</u>
Well I.D.: <u>S-5</u>	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth (TD): <u>35.08</u>	Depth to Water (DTW): <u>16.70</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>20.54</u>	

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

$\frac{7.0 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{21.0 \text{ Gals.}}{\text{Calculated Volume}}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1206	74.5	7.40	1402	121	7	odor
WELL DEWATERED @ 13				6 GALS		
1350	76.8	7.47	1373	62	—	odor

Did well dewater? Yes No      Gallons actually evacuated: 13

Sampling Date: 7/20/11      Sampling Time: 1350      Depth to Water: 17.20

Sample I.D.: S-5      Laboratory: Test America Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: TBA, Ethanol

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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>110720-BP1</u>	Site: <u>98995842</u>
Sampler: <u>BP</u>	Date: <u>7/20/11</u>
Well I.D.: <u>S-SB</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth (TD): <u>61.45</u>	Depth to Water (DTW): <u>34.97</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>40.26</u>	

Purge Method: Bailer	Waterra	Sampling Method: <u>Bailer</u>
Disposible Bailer	Peristaltic	Disposible Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
<u>Electric Submersible</u>	Other _____	Dedicated Tubing
		Other: _____

$17.2 \text{ (Gals.)} \times 3 = 51.6 \text{ Gals.}$ <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 <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1050	71.5	7.42	4028	26	17.2	
1054	68.7	7.29	4006	21	34.4	
1057	67.9	7.26	4021	17	51.6	

Did well dewater? Yes  No  Gallons actually evacuated: 51.6

Sampling Date: 7/20/11 Sampling Time: 1105 Depth to Water: 36.19

Sample I.D.: S-SB Laboratory: Test America Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: TBA, Ethanol

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: \_\_\_\_\_

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

# SHELL WELL MONITORING DATA SHEET

BTS #: <u>110720-BP1</u>	Site: <u>98995842</u>
Sampler: <u>BP</u>	Date: <u>7/20/11</u>
Well I.D.: <u>S-5C</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>76.65</u>	Depth to Water (DTW): <u>34.83</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>43.19</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

$\underline{27.2} \text{ (Gals.)} \times \underline{3} = \underline{81.6} \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1020	69.9	7.04	4638	53	27.2	
1025	69.9	7.09	4669	36	54.4	
1031	68.9	7.10	4678	27	81.6	

Did well dewater? Yes  No  Gallons actually evacuated: 81.6

Sampling Date: 7/20/11 Sampling Time: 1035 Depth to Water: 36.49

Sample I.D.: S-5C Laboratory: Test America Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: TBA, Ethanol

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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>110720-BP1</u>	Site: <u>98995842</u>
Sampler: <u>BP</u>	Date: <u>7/20/11</u>
Well I.D.: <u>S-6</u>	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth (TD): <u>34.30</u>	Depth to Water (DTW): <u>14.29</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>18.29</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

$\underline{7.4} \text{ (Gals.)} \times \underline{3} = \underline{22.2} \text{ Gals.}$ <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 <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1319	72.9	6.90	2151	376	7.4	
1320	Well Dewatered @ 10.6 gal					DTW: 29.12
1340	73.0	6.73	2120	201	—	

Did well dewater? Yes No      Gallons actually evacuated: 10.6  
 Sampling Date: 7/20/11      Sampling Time: 1340      Depth to Water: 18.02

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: TBA, Ethanol

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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>110720-BP1</u>	Site: <u>98995842</u>
Sampler: <u>BP</u>	Date: <u>7/20/11</u>
Well I.D.: <u>5-7</u>	Well Diameter: 12 <u>(3)</u> 4 6 8
Total Well Depth (TD): <u>34.32</u>	Depth to Water (DTW): <u>16.84</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>20.34</u>	

Purge Method: Bailer Disposable Bailer Positive Air Displacement <u>Electric Submersible</u>	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> Extraction Port Dedicated Tubing Other: _____
---	--	---

<u>6.5</u> (Gals.) X	<u>3</u>	= <u>19.5</u> Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1320	74.7	7.90	1926	139	6.5	odor
WELL	DEWATERED @ 8		GALS			
1335	72.7	7.76	1922	500	—	

Did well dewater? <u>Yes</u> No	Gallons actually evacuated: <u>8</u>	
Sampling Date: <u>7/20/11</u>	Sampling Time: <u>1335</u>	Depth to Water: <u>20.05</u>
Sample I.D.: <u>5-7</u>	Laboratory: <u>Test America</u> Other _____	
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> TPH-D	Oxygenates (5) <u>Other: TBA, Ethanol</u>	
EB I.D. (if applicable): _____ @ _____ Time	Duplicate I.D. (if applicable): _____	
Analyzed for: TPH-G BTEX MTBE TPH-D	Oxygenates (5) 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	

①









# SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 3790 Hopyard Rd, Pleasanton Date 7/20/11  
 Job Number 110720-BP1 Technician BP Page 1 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
S-2	X								NO TAG
S-3	X								NO TAG
S-4	X								NO TAG
S-5	X								NO TAG
S-5B	X								NO TAG
S-5C	X								NO TAG
S-6	X		X						NO TAG
S-7	X								NO TAG
S-8	X								NO TAG
S-9	X								NO TAG
S-9B	X								NO TAG
S-9C	X								NO TAG
S-10			X				X		NO TAG, 2 1/2 tabs stripped
S-11	X								NO TAG
S-12	X								NO TAG
S-14	X								NO TAG
S-15	X								NO TAG

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

Notes:



APPENDIX B

TEST AMERICA -  
LABORATORY REPORT

## LABORATORY REPORT

Prepared For: Blaine Tech San Jose/CRA Shell  
1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attention: Lorin King

Project: 3790 Hopyard Rd., Pleasanton,  
CA

Sampled: 07/20/11  
Received: 07/22/11  
Issued: 08/03/11 14:30

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

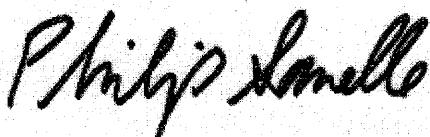
*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUG2167-01	S-2	Water
IUG2167-02	S-4	Water
IUG2167-03	S-5	Water
IUG2167-04	S-5B	Water
IUG2167-05	S-5C	Water
IUG2167-06	S-6	Water
IUG2167-07	S-7	Water
IUG2167-08	S-9	Water
IUG2167-09	SR-1	Water
IUG2167-10	SR-3	Water

Reviewed By:



TestAmerica Irvine

Philip Sanelle  
Project Manager

Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 3790 Hopyard Rd., Pleasanton, CA

Report Number: IUG2167

Sampled: 07/20/11  
 Received: 07/22/11

## VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUG2167-01 (S-2 - Water)</b>								
Reporting Units: ug/l								
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	TPH by GC/MS	11G3176	100	<b>590</b>	2	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				105 %				
Surrogate: Toluene-d8 (80-120%)				106 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				98 %				
<b>Sample ID: IUG2167-02 (S-4 - Water)</b>								
Reporting Units: ug/l								
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	TPH by GC/MS	11G3176	50	<b>87</b>	1	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				104 %				
Surrogate: Toluene-d8 (80-120%)				106 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				99 %				
<b>Sample ID: IUG2167-03 (S-5 - Water)</b>								
Reporting Units: ug/l								
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	TPH by GC/MS	11G3176	50	<b>430</b>	1	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				105 %				
Surrogate: Toluene-d8 (80-120%)				107 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				101 %				
<b>Sample ID: IUG2167-04 (S-5B - Water)</b>								
Reporting Units: ug/l								
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	TPH by GC/MS	11G3176	50	<b>ND</b>	1	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				108 %				
Surrogate: Toluene-d8 (80-120%)				106 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				96 %				
<b>Sample ID: IUG2167-05 (S-5C - Water)</b>								
Reporting Units: ug/l								
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	TPH by GC/MS	11G3176	50	<b>ND</b>	1	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				117 %				
Surrogate: Toluene-d8 (80-120%)				105 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				99 %				
<b>Sample ID: IUG2167-06 (S-6 - Water)</b>								
Reporting Units: ug/l								
<b>Volatile Fuel Hydrocarbons (C4-C12)</b>	TPH by GC/MS	11G3176	250	<b>880</b>	5	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				108 %				
Surrogate: Toluene-d8 (80-120%)				106 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				95 %				

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Project ID: 3790 Hopyard Rd., Pleasanton, CA

Report Number: IUG2167

Sampled: 07/20/11  
 Received: 07/22/11

## VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUG2167-07 (S-7 - Water)</b>								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11G3176	50	ND	1	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				116 %				
Surrogate: Toluene-d8 (80-120%)				105 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				94 %				
<b>Sample ID: IUG2167-08 (S-9 - Water)</b>								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11G3176	50	ND	1	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				114 %				
Surrogate: Toluene-d8 (80-120%)				107 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				96 %				
<b>Sample ID: IUG2167-09 (SR-1 - Water)</b>								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11G3176	50	ND	1	7/27/2011	7/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				110 %				
Surrogate: Toluene-d8 (80-120%)				105 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				94 %				
<b>Sample ID: IUG2167-10 (SR-3 - Water)</b>								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11G3168	50	ND	1	7/27/2011	7/28/2011	
Surrogate: Dibromofluoromethane (80-120%)				108 %				
Surrogate: Toluene-d8 (80-120%)				92 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				92 %				

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Project ID: 3790 Hopyard Rd., Pleasanton, CA

Report Number: IUG2167

Sampled: 07/20/11  
 Received: 07/22/11

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUG2167-01 (S-2 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	1.0	1.9	2	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	1.0	ND	2	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	1.0	ND	2	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	2.0	ND	2	7/27/2011	7/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11G3176	2.0	9.4	2	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	20	910	2	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	300	ND	2	7/27/2011	7/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				98 %				
Surrogate: Dibromofluoromethane (80-120%)				105 %				
Surrogate: Toluene-d8 (80-120%)				106 %				
<b>Sample ID: IUG2167-02 (S-4 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11G3176	1.0	8.3	1	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	10	780	1	7/27/2011	7/27/2011	MHA
Ethanol	EPA 8260B	11G3176	150	ND	1	7/27/2011	7/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				99 %				
Surrogate: Dibromofluoromethane (80-120%)				104 %				
Surrogate: Toluene-d8 (80-120%)				106 %				
<b>Sample ID: IUG2167-03 (S-5 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	0.50	3.2	1	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	0.50	3.0	1	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11G3176	1.0	22	1	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	10	33	1	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	150	ND	1	7/27/2011	7/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				101 %				
Surrogate: Dibromofluoromethane (80-120%)				105 %				
Surrogate: Toluene-d8 (80-120%)				107 %				

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Project ID: 3790 Hopyard Rd., Pleasanton, CA

Report Number: IUG2167

Sampled: 07/20/11  
Received: 07/22/11

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUG2167-04 (S-5B - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	10	ND	1	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	150	ND	1	7/27/2011	7/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)								96 %
Surrogate: Dibromofluoromethane (80-120%)								108 %
Surrogate: Toluene-d8 (80-120%)								106 %
<b>Sample ID: IUG2167-05 (S-5C - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	10	ND	1	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	150	ND	1	7/27/2011	7/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)								99 %
Surrogate: Dibromofluoromethane (80-120%)								117 %
Surrogate: Toluene-d8 (80-120%)								105 %
<b>Sample ID: IUG2167-06 (S-6 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	2.5	ND	5	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	2.5	ND	5	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	2.5	ND	5	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	5.0	ND	5	7/27/2011	7/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11G3176	5.0	6.0	5	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	50	3700	5	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	750	ND	5	7/27/2011	7/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)								95 %
Surrogate: Dibromofluoromethane (80-120%)								108 %
Surrogate: Toluene-d8 (80-120%)								106 %

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Report Number: IUG2167

Sampled: 07/20/11  
Received: 07/22/11

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUG2167-07 (S-7 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11G3176	1.0	<b>5.9</b>	1	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	10	ND	1	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	150	ND	1	7/27/2011	7/27/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				94 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				116 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				105 %				
<b>Sample ID: IUG2167-08 (S-9 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11G3176	1.0	<b>13</b>	1	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	10	ND	1	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	150	ND	1	7/27/2011	7/27/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				96 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				114 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				107 %				
<b>Sample ID: IUG2167-09 (SR-1 - Water)</b>								
Reporting Units: ug/l								
Benzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Ethylbenzene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Toluene	EPA 8260B	11G3176	0.50	ND	1	7/27/2011	7/27/2011	
Xylenes, Total	EPA 8260B	11G3176	1.0	ND	1	7/27/2011	7/27/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11G3176	1.0	<b>8.3</b>	1	7/27/2011	7/27/2011	
tert-Butanol (TBA)	EPA 8260B	11G3176	10	<b>180</b>	1	7/27/2011	7/27/2011	
Ethanol	EPA 8260B	11G3176	150	ND	1	7/27/2011	7/27/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				94 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				110 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				105 %				

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Project ID: 3790 Hopyard Rd., Pleasanton, CA

Report Number: IUG2167

Sampled: 07/20/11  
 Received: 07/22/11

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUG2167-10 (SR-3 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11G3168	0.50	ND	1	7/27/2011	7/28/2011	
Ethylbenzene	EPA 8260B	11G3168	0.50	ND	1	7/27/2011	7/28/2011	
Toluene	EPA 8260B	11G3168	0.50	ND	1	7/27/2011	7/28/2011	
Xylenes, Total	EPA 8260B	11G3168	1.0	ND	1	7/27/2011	7/28/2011	
<b>Methyl-tert-butyl Ether (MTBE)</b>	EPA 8260B	11G3168	1.0	<b>1.4</b>	1	7/27/2011	7/28/2011	
<b>tert-Butanol (TBA)</b>	EPA 8260B	11G3168	10	<b>63</b>	1	7/27/2011	7/28/2011	
Ethanol	EPA 8260B	11G3168	150	ND	1	7/27/2011	7/28/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)								92 %
Surrogate: Dibromofluoromethane (80-120%)								108 %
Surrogate: Toluene-d8 (80-120%)								92 %

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Sampled: 07/20/11  
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## METHOD BLANK/QC DATA

### VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11G3168 Extracted: 07/27/11</b>										
<b>Blank Analyzed: 07/27/2011 (11G3168-BLK1)</b>										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	25.4		ug/l	25.0		102	80-120			
Surrogate: Toluene-d8	22.9		ug/l	25.0		91	80-120			
Surrogate: 4-Bromofluorobenzene	21.8		ug/l	25.0		87	80-120			
<b>LCS Analyzed: 07/27/2011 (11G3168-BS2)</b>										
Volatile Fuel Hydrocarbons (C4-C12)	453	50	ug/l	500		91	55-130			
Surrogate: Dibromofluoromethane	25.7		ug/l	25.0		103	80-120			
Surrogate: Toluene-d8	23.4		ug/l	25.0		93	80-120			
Surrogate: 4-Bromofluorobenzene	22.8		ug/l	25.0		91	80-120			
<b>Matrix Spike Analyzed: 07/27/2011 (11G3168-MS1) Source: IUG2168-02</b>										
Volatile Fuel Hydrocarbons (C4-C12)	1780	50	ug/l	1720	ND	103	50-145			
Surrogate: Dibromofluoromethane	26.6		ug/l	25.0		107	80-120			
Surrogate: Toluene-d8	22.7		ug/l	25.0		91	80-120			
Surrogate: 4-Bromofluorobenzene	23.8		ug/l	25.0		95	80-120			
<b>Matrix Spike Dup Analyzed: 07/27/2011 (11G3168-MSD1) Source: IUG2168-02</b>										
Volatile Fuel Hydrocarbons (C4-C12)	1650	50	ug/l	1720	ND	96	50-145	7	20	
Surrogate: Dibromofluoromethane	25.9		ug/l	25.0		104	80-120			
Surrogate: Toluene-d8	22.3		ug/l	25.0		89	80-120			
Surrogate: 4-Bromofluorobenzene	23.5		ug/l	25.0		94	80-120			
<b>Batch: 11G3176 Extracted: 07/27/11</b>										
<b>Blank Analyzed: 07/27/2011 (11G3176-BLK1)</b>										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	25.7		ug/l	25.0		103	80-120			
Surrogate: Toluene-d8	25.8		ug/l	25.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	23.8		ug/l	25.0		95	80-120			

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Project ID: 3790 Hopyard Rd., Pleasanton, CA

Report Number: IUG2167

Sampled: 07/20/11  
 Received: 07/22/11

## METHOD BLANK/QC DATA

### VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11G3176 Extracted: 07/27/11</b>										
<b>LCS Analyzed: 07/27/2011 (11G3176-BS2)</b>										
Volatile Fuel Hydrocarbons (C4-C12)	484	50	ug/l	500		97	55-130			
Surrogate: Dibromofluoromethane	25.1		ug/l	25.0		101	80-120			
Surrogate: Toluene-d8	27.0		ug/l	25.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	25.4		ug/l	25.0		102	80-120			
<b>Matrix Spike Analyzed: 07/27/2011 (11G3176-MS1)</b>										
					<b>Source: IUG2167-02</b>					
Volatile Fuel Hydrocarbons (C4-C12)	1670	50	ug/l	1720	87.1	92	50-145			
Surrogate: Dibromofluoromethane	27.4		ug/l	25.0		109	80-120			
Surrogate: Toluene-d8	26.5		ug/l	25.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103	80-120			
<b>Matrix Spike Dup Analyzed: 07/27/2011 (11G3176-MSD1)</b>										
					<b>Source: IUG2167-02</b>					
Volatile Fuel Hydrocarbons (C4-C12)	1700	50	ug/l	1720	87.1	94	50-145	2	20	
Surrogate: Dibromofluoromethane	28.1		ug/l	25.0		113	80-120			
Surrogate: Toluene-d8	26.7		ug/l	25.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	25.9		ug/l	25.0		104	80-120			

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 Received: 07/22/11

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
<b>Batch: 11G3168 Extracted: 07/27/11</b>									
<b>Blank Analyzed: 07/27/2011 (11G3168-BLK1)</b>									
Benzene	ND	0.50	ug/l						
Ethylbenzene	ND	0.50	ug/l						
Toluene	ND	0.50	ug/l						
m,p-Xylenes	ND	1.0	ug/l						
o-Xylene	ND	0.50	ug/l						
Xylenes, Total	ND	1.0	ug/l						
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l						
tert-Butanol (TBA)	ND	10	ug/l						
Ethanol	ND	150	ug/l						
Surrogate: 4-Bromofluorobenzene	21.8		ug/l	25.0		87	80-120		
Surrogate: Dibromofluoromethane	25.4		ug/l	25.0		102	80-120		
Surrogate: Toluene-d8	22.9		ug/l	25.0		91	80-120		
<b>LCS Analyzed: 07/27/2011 (11G3168-BS1)</b>									
Benzene	23.6	0.50	ug/l	25.0		95	70-120		
Ethylbenzene	25.0	0.50	ug/l	25.0		100	75-125		
Toluene	23.3	0.50	ug/l	25.0		93	70-120		
m,p-Xylenes	49.8	1.0	ug/l	50.0		100	75-125		
o-Xylene	26.0	0.50	ug/l	25.0		104	75-125		
Xylenes, Total	75.7	1.0	ug/l	75.0		101	70-125		
Methyl-tert-butyl Ether (MTBE)	19.4	1.0	ug/l	25.0		78	60-135		
tert-Butanol (TBA)	156	10	ug/l	125		125	70-135		
Ethanol	374	150	ug/l	250		149	40-155		
Surrogate: 4-Bromofluorobenzene	23.4		ug/l	25.0		94	80-120		
Surrogate: Dibromofluoromethane	25.4		ug/l	25.0		102	80-120		
Surrogate: Toluene-d8	22.5		ug/l	25.0		90	80-120		
<b>Matrix Spike Analyzed: 07/27/2011 (11G3168-MS1)</b>				<b>Source: IUG2168-02</b>					
Benzene	23.9	0.50	ug/l	25.0	ND	96	65-125		
Ethylbenzene	25.3	0.50	ug/l	25.0	ND	101	65-130		
Toluene	23.4	0.50	ug/l	25.0	ND	94	70-125		
m,p-Xylenes	49.4	1.0	ug/l	50.0	ND	99	65-130		
o-Xylene	25.4	0.50	ug/l	25.0	ND	102	65-125		
Xylenes, Total	74.8	1.0	ug/l	75.0	ND	100	60-130		
Methyl-tert-butyl Ether (MTBE)	20.8	1.0	ug/l	25.0	ND	83	55-145		
tert-Butanol (TBA)	155	10	ug/l	125	ND	124	65-140		
Ethanol	379	150	ug/l	250	ND	152	40-155		

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 1680 Rogers Avenue  
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 Attention: Lorin King

Project ID: 3790 Hopyard Rd., Pleasanton, CA

Report Number: IUG2167

Sampled: 07/20/11  
 Received: 07/22/11

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11G3168 Extracted: 07/27/11</b>										
<b>Matrix Spike Analyzed: 07/27/2011 (11G3168-MS1)</b>					<b>Source: IUG2168-02</b>					
Surrogate: 4-Bromofluorobenzene	23.8		ug/l	25.0		95	80-120			
Surrogate: Dibromofluoromethane	26.6		ug/l	25.0		107	80-120			
Surrogate: Toluene-d8	22.7		ug/l	25.0		91	80-120			
<b>Matrix Spike Dup Analyzed: 07/27/2011 (11G3168-MSD1)</b>					<b>Source: IUG2168-02</b>					
Benzene	23.0	0.50	ug/l	25.0	ND	92	65-125	4	20	
Ethylbenzene	24.4	0.50	ug/l	25.0	ND	97	65-130	4	20	
Toluene	22.9	0.50	ug/l	25.0	ND	92	70-125	2	20	
m,p-Xylenes	47.0	1.0	ug/l	50.0	ND	94	65-130	5	25	
o-Xylene	24.3	0.50	ug/l	25.0	ND	97	65-125	5	20	
Xylenes, Total	71.3	1.0	ug/l	75.0	ND	95	60-130	5	20	
Methyl-tert-butyl Ether (MTBE)	19.7	1.0	ug/l	25.0	ND	79	55-145	6	25	
tert-Butanol (TBA)	152	10	ug/l	125	ND	122	65-140	2	25	
Ethanol	418	150	ug/l	250	ND	167	40-155	10	30	M1
Surrogate: 4-Bromofluorobenzene	23.5		ug/l	25.0		94	80-120			
Surrogate: Dibromofluoromethane	25.9		ug/l	25.0		104	80-120			
Surrogate: Toluene-d8	22.3		ug/l	25.0		89	80-120			
<b>Batch: 11G3176 Extracted: 07/27/11</b>										
<b>Blank Analyzed: 07/27/2011 (11G3176-BLK1)</b>										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Ethanol	ND	150	ug/l							
Surrogate: 4-Bromofluorobenzene	23.8		ug/l	25.0		95	80-120			
Surrogate: Dibromofluoromethane	25.7		ug/l	25.0		103	80-120			
Surrogate: Toluene-d8	25.8		ug/l	25.0		103	80-120			

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11G3176 Extracted: 07/27/11</b>									
<b>LCS Analyzed: 07/27/2011 (11G3176-BS1)</b>									
Benzene	26.4	0.50	ug/l	25.0		106 70-120			
Ethylbenzene	27.3	0.50	ug/l	25.0		109 75-125			
Toluene	26.5	0.50	ug/l	25.0		106 70-120			
m,p-Xylenes	53.8	1.0	ug/l	50.0		108 75-125			
o-Xylene	28.2	0.50	ug/l	25.0		113 75-125			
Xylenes, Total	82.0	1.0	ug/l	75.0		109 70-125			
Methyl-tert-butyl Ether (MTBE)	24.5	1.0	ug/l	25.0		98 60-135			
tert-Butanol (TBA)	133	10	ug/l	125		106 70-135			
Ethanol	310	150	ug/l	250		124 40-155			
Surrogate: 4-Bromofluorobenzene	26.7		ug/l	25.0		107 80-120			
Surrogate: Dibromofluoromethane	26.9		ug/l	25.0		107 80-120			
Surrogate: Toluene-d8	26.2		ug/l	25.0		105 80-120			
<b>Matrix Spike Analyzed: 07/27/2011 (11G3176-MS1)</b>									
					<b>Source: IUG2167-02</b>				
Benzene	28.5	0.50	ug/l	25.0	ND	114 65-125			
Ethylbenzene	29.0	0.50	ug/l	25.0	ND	116 65-130			
Toluene	29.2	0.50	ug/l	25.0	ND	117 70-125			
m,p-Xylenes	57.8	1.0	ug/l	50.0	ND	116 65-130			
o-Xylene	30.7	0.50	ug/l	25.0	ND	123 65-125			
Xylenes, Total	88.6	1.0	ug/l	75.0	ND	118 60-130			
Methyl-tert-butyl Ether (MTBE)	35.5	1.0	ug/l	25.0	8.28	109 55-145			
tert-Butanol (TBA)	921	10	ug/l	125	779	114 65-140			MHA
Ethanol	326	150	ug/l	250	ND	130 40-155			
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103 80-120			
Surrogate: Dibromofluoromethane	27.4		ug/l	25.0		109 80-120			
Surrogate: Toluene-d8	26.5		ug/l	25.0		106 80-120			
<b>Matrix Spike Dup Analyzed: 07/27/2011 (11G3176-MSD1)</b>									
					<b>Source: IUG2167-02</b>				
Benzene	28.9	0.50	ug/l	25.0	ND	116 65-125	1	20	
Ethylbenzene	28.6	0.50	ug/l	25.0	ND	114 65-130	2	20	
Toluene	28.9	0.50	ug/l	25.0	ND	115 70-125	1	20	
m,p-Xylenes	57.0	1.0	ug/l	50.0	ND	114 65-130	2	25	
o-Xylene	29.9	0.50	ug/l	25.0	ND	120 65-125	3	20	
Xylenes, Total	86.9	1.0	ug/l	75.0	ND	116 60-130	2	20	
Methyl-tert-butyl Ether (MTBE)	35.7	1.0	ug/l	25.0	8.28	110 55-145	0.6	25	
tert-Butanol (TBA)	967	10	ug/l	125	779	151 65-140	5	25	MHA
Ethanol	354	150	ug/l	250	ND	142 40-155	8	30	

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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11G3176 Extracted: 07/27/11</b>										
<b>Matrix Spike Dup Analyzed: 07/27/2011 (11G3176-MSD1)</b>					<b>Source: IUG2167-02</b>					
Surrogate: 4-Bromofluorobenzene	25.9		ug/l	25.0		104	80-120			
Surrogate: Dibromofluoromethane	28.1		ug/l	25.0		113	80-120			
Surrogate: Toluene-d8	26.7		ug/l	25.0		107	80-120			

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## DATA QUALIFIERS AND DEFINITIONS

- MI** The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

## ADDITIONAL COMMENTS

**For 8260 analyses:**

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

**For Volatile Fuel Hydrocarbons (C4-C12):**

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

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## Certification Summary

### TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

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