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Alameda County  
Environmental Health



**Shell Oil Products US**

April 15, 2007

Re: **First Quarter 2007 - Quarterly Monitoring and Remediation Status Report**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, California**

Dear Mr. Jerry Wickham:

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

Sincerely,  
Shell Oil Products US

A handwritten signature in black ink that reads "Denis L. Brown".

Denis L. Brown  
Project Manager

April 15, 2007  
Project Number: SJ37-90H-1  
SAP No: 135784

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

Re: **First Quarter 2007**  
**Quarterly Monitoring and Remediation Status Report**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
**Pleasanton, California**



Dear Mr. Wickham:

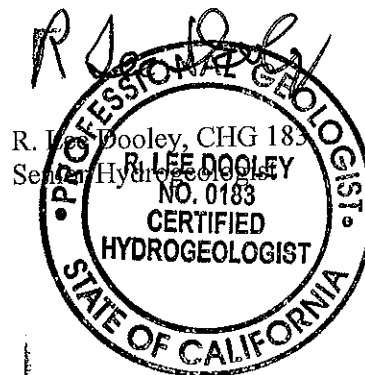
On behalf of Shell Oil Products US (SHELL), Delta Environmental Consultants, Inc. (DELTA) has prepared this *First Quarter 2007 Groundwater Monitoring and Remediation Status Report* for the above referenced site.

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

If you have any questions regarding this site, please contact Joe Rounds (DELTA) at (408) 826-1871 or Mr. Denis Brown (SHELL) at (707) 865-0251.

Sincerely,  
**Delta Environmental Consultants, Inc.**

  
Joe Rounds  
Project Manager



April 15, 2007

Page 2

Mr. Jerry Wickham, P.G., CHG

Alameda County Environmental Health

Attachment: First Quarter 2007 Groundwater Monitoring and Remediation Status Report

cc: Denis Brown, Shell Oil Products US, Carson  
Betty Graham, Regional Water Quality Control Board – San Francisco Bay  
Danielle Stefani, Livermore-Pleasanton Fire Department  
Matthew W. Katen, Zone 7 Water Agency, Pleasanton

## SHELL QUARTERLY STATUS REPORT

Station Address: 3790 Hopyard Road, Pleasanton, CA
DELTA Project No.: SJ37-90H-1
SHELL Project Manager / Phone No.: Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.: Joe Rounds / (408) 826-1871
Primary Agency / Regulatory ID No.: Alameda County Environmental Health / Mr. Jerry Wickham, P.G., CHG
Other Agencies to Receive Copies: Regional Water Quality Control Board – San Francisco Bay Livermore-Pleasanton Fire Department Zone 7 Water Agency, Pleasanton

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

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. The GWE system remained shutdown during the first quarter 2007 on a trial basis.

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

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

Current Phase of Project: Groundwater Monitoring
Frequency of Sampling: Quarterly (Performed by Blaine Tech Services)
Frequency of Monitoring: Quarterly
Frequency of System Sampling: None (GWE system shut down)
Frequency of System Monitoring: None (GWE system shut down)
Approximate Depth to Groundwater: 13 to 18 feet below top of well casing (shallow wells) 26 to 30 feet below top of well casing (deep wells)
Groundwater Gradient: Site groundwater flow direction is towards the southeast at a gradient of 0.03 ft/ft.

Is Separate Phase Hydrocarbon Present On-site (Well #'s):  Yes  No

Current Remediation Techniques: GWE system shut down on a temporary basis.
Permits for Discharge: Dublin San Ramon Services District Wastewater Discharge Permit, No. 05021
Cumulative SPH Recovered to Date: None
SPH Recovered This Quarter : None

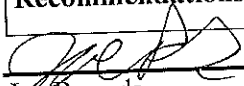
**First Quarter Remediation:**

No remediation was conducted during the quarter.

**Comments:**

MTBE and TBA plumes remain stable. TBA concentrations increased in Well S-4 since the GWE system was turned off while MTBE decreased.

**Recommendations:** Continue shutdown of GWE system. Continue quarterly groundwater monitoring

  
 Joe Rounds  
 Project Manager (DELTA)

April 15, 2007

Page 4

Mr. Jerry Wickham, P.G., CHG  
Alameda County Environmental Health

**ATTACHED:**

- Table 1 – Groundwater Extraction – System Analytical Results
- Table 2 – Groundwater Extraction – Mass Removal Data
- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, January 22, 2007
- Figure 3 – TPH-G Isoconcentration Map, January 22, 2007
- Figure 4 – Benzene Isoconcentration Map, January 22, 2007
- Figure 5 – MTBE Isoconcentration Map, January 22, 2007
- Figure 6 – TBA Isoconcentration Map, January 22, 2007
- Attachment A – Groundwater Monitoring and Sampling Report

**TABLE 1**  
**Groundwater Extraction - System Analytical Results**  
Shell-branded Service Station, Incident #98995842  
3790 Hopyard Road, Pleasanton, California

Sample Date (mm/dd/yy)	INFLUENT					MID-1				MID-2				EFFLUENT			
	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TBA Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)
07/01/03	<2,500	810 <sup>1</sup>	<25	3,400	NA	<50	-	<0.50	<0.50	<50	-	<0.50	<0.50	<50	200 <sup>1</sup>	<0.50	<0.50
07/21/03	<2,500	67 <sup>1</sup>	<25	5,400	NA	<500	-	<5.0	160	<250	-	<2.5	<2.5	<50	<50	<0.50	<0.50
08/01/03	<1,300	57 <sup>1</sup>	<13	3,700	NA	<250	-	<2.5	190	54 <sup>2</sup>	-	<0.50	<0.50	<50	<50	<0.50	<0.50
08/15/03	<1,000	470 <sup>1</sup>	<10	2,200	NA	<250	-	<2.5	380	<100	-	<1.0	<1.0	<50	76 <sup>1</sup>	<0.50	<0.50
09/11/03	<1,000	<50	<10	2,400	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
09/25/03	<1,000	NA	<10	2,600	NA	<250	-	<2.5	<25	<250	-	<2.5	<25	<50	NA	<0.50	<5.0
10/10/03	<5,000	67 <sup>1</sup>	<50	1,800	NA	<100	-	<1.0	85	<100	-	<10	<10	<100	<10	<1.0	<10
10/24/03	<500	NA	<5.0	1,500	NA	<500	-	<5.0	75	<500	-	<5.0	<5.0	<500	NA	<5.0	<5.0
11/21/03	<1,000	<50 <sup>3</sup>	<10	1,300	NA	<250	-	<2.5	25	<250	-	<2.5	<2.5	<50	<50 <sup>3</sup>	<0.50	<0.50
12/05/03	<1,000	<50	<10	1,200	NA	<250	-	<2.5	110	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
12/19/03	<1,000	NA	<10	950	NA	<250	-	<2.5	150	<50	-	<0.50	<5.0	<50	NA	<0.50	<5.0
01/16/04	<50	220 <sup>1</sup>	<0.50	57	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
01/30/04	<500	NA	<5.0	460	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	NA	<0.50	<5.0
02/06/04	<500	56 <sup>1</sup>	<5.0	350	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
03/05/04	<500	<50	<5.0	370	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
04/02/04	<1,000	230 <sup>1</sup>	<10	200	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
05/14/04	<1,000	<50	<10	110	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
06/04/04	<1,000	<50	<10	<100	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
07/16/04	<1,000	<50	<10	<100	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
08/06/04	<1,000	<50	<10	<100	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
09/03/04	<1,000	<50	<10	<100	NA	75 <sup>4</sup>	-	<0.50	9.0	170 <sup>4</sup>	-	<0.50	<5.0	57	<50	<0.50	<5.0
10/08/04	<50	<50	<0.50	29	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
11/05/04	<50	110 <sup>1</sup>	<0.50	5.2	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
12/03/04	<250	<50	<2.5	<25	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	<50	<0.50	<5.0
01/07/05	150	170 <sup>1</sup>	0.95	18	NA	<50	-	<0.50	<5.0	<50	-	<0.50	<5.0	<50	54	<0.50	<5.0
02/28/05	100	560	<0.50	<0.50	NA	57	<210	<0.50	<5.0	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
03/09/05	<50	<50	<0.50	<0.50	NA	<50	<50	<0.50	<5.0	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0

System Analytical

**TABLE 1**  
**Groundwater Extraction - System Analytical Results**  
 Shell-branded Service Station, Incident #98995842  
 3790 Hopyard Road, Pleasanton, California

Sample Date (mm/dd/yy)	INFLUENT					MID-1				MID-2				EFFLUENT			
	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TBA Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)
04/08/05	120	490	2.0	310	NA	<50	<50	<0.50	<5.0	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
04/27/05	<50	<50	<0.50	31	760	<50	<50	<0.50	<5.0	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
05/11/05	<50	<50	<0.50	28	1800	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
06/03/05	<50	<50	<0.50	12	30	92	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
07/01/05	<50	<50	<0.50	11	NA	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
07/29/05	<50	<50	<0.50	10	NA	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
8/5/2005 <sup>5</sup>	<50	<50	<0.50	6.6	1400	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
09/01/05	<50	<50	<0.50	4.9	880	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
10/07/05	<50	<50	<0.50	4.2	1200	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
11/04/05	<50	70	<0.50	2.9	180	<50	<50	<0.50	0.54	<50	<50	<0.50	<0.5	<50	<50	<0.50	<5.0
12/13/05	230	61	2.1	3.0	700	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
01/06/06	<50	<50	1.1	3.7	460	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
02/02/06	<50	130	1.1	5.6	590	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
03/03/06	55	<50	0.6	2.9	510	<50	<50	<0.50	<0.50	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0
04/10/06	<50	<417	<0.50	6.90	483	<50	<417	<0.50	<0.50	<50	<417	<0.50	<0.50	<50	<417	<0.50	<5.0
05/04/06	53	<50	1.7	25	310	<50	<50	<0.50	1.3	<50	<50	<0.50	<0.50	<50	<50	<0.50	<5.0

**Abbreviations & Notes:**

TPH-G/D = Total purgeable hydrocarbons as gasoline/diesel

MTBE = Methyl tert-butyl ether

ppb = parts per billion

TPH-G, benzene and MTBE analyzed by EPA Method 8260

TPH-D analyzed by EPA Method 8015M.

Discharge Limits: TPH-G & TPH-D = 15.0 mg/L, BTEX = 1.00 mg/L, MTBE = not applicable

"-" - No Data Provided

NA = Not analyzed

1 = Hydrocarbon reported does not match the laboratory standard diesel pattern

2 = Hydrocarbon reported as gasoline does not match the laboratory gasoline standard

3 = The initial analysis failed QA/QC. A second analysis was conducted outside of hold time for which QA/QC passed. Both analyses reported similar results (<50ppb).

4 = The sample contains discrete peaks in the gasoline range.

5 = Influent samples were extracted out of hold time due to re-analysis. Initial analysis used higher reporting limits than required.

**TABLE 1**  
**Groundwater Extraction - System Analytical Results**  
 Shell-branded Service Station, Incident #98995842  
 3790 Hopyard Road, Pleasanton, California

Sample Date (mm/dd/yy)	INFLUENT					MID-1				MID-2				EFFLUENT			
	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TBA Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)	TPH-G Conc. (ppb)	TPH-D Conc. (ppb)	Benzene Conc. (ppb)	MTBE Conc. (ppb)

6 = Estimated Value. The concentration exceeded calibration of analysis.



**TABLE 2**  
**Groundwater Extraction - Mass Removal Data**  
 Shell-branded Service Station, Incident #98995842  
 3790 Hopyard Road, Pleasanton, California

Site Visit (mm/dd/yy)	Flow Meter Reading (gal)	Period Volume (gal)	Flow Rate (gpm)	Flow Rate (gpd)	Cumulative Volume (gal)	TPH-G Conc. (ppb)	TPH-G Period Removal (pounds)	Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	Cumulative Removal (pounds)
07/01/03	447	0	0	0	0	<2,500	0.000	0.000	<25	0.000	0.000	3,400	0.000	0.000
07/21/03	104,080	103,633	3.60	5,182	103,633	<2,500	1.081	1.081	<25	0.011	0.011	5,400	4.670	4.670
08/01/03	157,301	53,221	3.36	4,838	156,854	<1,300	0.289	1.370	<13	0.003	0.014	3,700	1.643	6.313
08/15/03	172,392	15,091	0.75	1,078	171,945	<1,000	0.063	1.433	<10	0.001	0.014	2,200	0.277	6.590
08/29/03	221,836	49,444	2.45	3,532	221,389	NS	0.206	1.639	NS	0.002	0.016	NS	0.908	7.498
09/11/03	286,780	64,944	3.47	4,996	286,333	<1,000	0.271	1.910	<10	0.003	0.019	2,400	1.301	8.798
09/25/03	352,750	65,970	3.27	4,712	352,303	<1,000	0.275	2.185	<10	0.003	0.022	2,600	1.431	10.229
10/10/03	420,240	67,490	3.12	4,499	419,793	<5,000	1.408	3.593	<50	0.014	0.036	1,800	1.014	11.243
10/24/03	423,410	3,170	0.16	226	422,963	<500	0.007	3.600	<5.0	0.000	0.036	1,500	0.040	11.283
11/12/03	514,680	91,270	3.34	4,804	514,233	NS	0.190	3.790	NS	0.002	0.040	NS	1.142	12.425
11/21/03	556,306	41,626	3.21	4,625	555,859	<1,000	0.174	3.964	<10	0.002	0.040	1,300	0.452	12.877
12/05/03	618,906	62,600	3.11	4,471	618,459	<1,000	0.261	4.225	<10	0.003	0.042	1,200	0.627	13.503
12/19/03	680,821	61,915	3.07	4,423	680,374	<1,000	0.258	4.483	<10	0.003	0.045	950	0.491	13.994
01/06/04	745,460	64,639	2.49	3,591	745,013	NS	0.270	4.753	NS	0.003	0.048	NS	0.512	14.507
01/16/04	784,010	38,550	2.68	3,855	783,563	<50	0.008	4.761	<0.50	0.000	0.048	57	0.018	14.525
01/30/04	848,580	64,570	3.20	4,612	848,133	<500	0.135	4.896	<5.0	0.001	0.050	460	0.248	14.773
02/06/04	879,575	30,995	3.07	4,428	879,128	<500	0.065	4.960	<5.0	0.001	0.051	350	0.091	14.863
02/20/04	929,280	49,705	2.47	3,550	928,833	NS	0.104	5.064	NS	0.001	0.052	NS	0.145	15.009
03/05/04	973,690	44,410	2.20	3,172	973,243	<500	0.093	5.157	<5.0	0.001	0.052	370	0.137	15.146
03/19/04	1,008,001	34,311	1.70	2,451	1,007,554	NS	0.072	5.228	<5.0	0.001	0.052	NS	0.106	15.252
04/02/04	1,030,183	22,182	1.10	1,584	1,029,736	<1,000	0.093	5.321	<10	0.001	0.053	NS	0.037	15.289
04/16/04	1,052,225	22,042	1.09	1,574	1,051,778	NS	0.092	5.413	NS	0.001	0.054	NS	0.056	15.325
04/30/04	1,085,954	33,729	1.67	2,409	1,085,507	NS	0.141	5.553	NS	0.001	0.056	NS	0.056	15.382
05/14/04	1,118,933	32,979	1.64	2,356	1,118,486	<1,000	0.138	5.691	<10	0.001	0.057	110	0.030	15.412
05/24/04	1,142,083	23,150	1.61	2,315	1,141,636	NS	0.097	5.788	NS	0.001	0.057	NS	0.021	15.433
06/04/04	1,168,145	26,062	1.65	2,369	1,167,698	<1,000	0.109	5.896	<10	0.001	0.058	<100	0.011	15.444
06/18/04	1,200,909	32,764	1.83	2,340	1,200,462	NS	0.137	6.033	NS	0.001	0.059	NS	0.014	15.458
06/29/04	1,228,340	27,431	1.73	2,494	1,227,893	NS	0.114	6.147	NS	0.001	0.060	NS	0.011	15.469
07/16/04	1,265,550	37,210	1.52	2,189	1,265,103	NS	0.140	6.303	<10	0.002	0.063	<100	0.016	15.485
07/30/04	1,299,040	33,490	1.66	2,392	1,298,593	<1,000	0.155	6.442	NS	0.001	0.064	NS	0.014	15.499
08/06/04	1,315,300	16,260	1.61	2,323	1,314,853	NS	0.140	6.510	<10	0.001	0.065	<100	0.007	15.505
08/20/04	1,347,870	32,570	1.62	2,326	1,347,423	NS	0.136	6.646	NS	0.001	0.065	NS	0.014	15.519
09/03/04	1,380,520	32,650	1.62	2,332	1,380,073	<1,000	0.136	6.782	<10	0.001	0.068	<100	0.014	15.533
09/17/04	1,380,520	0	0.00	0	1,380,073	NS	0.000	6.782	NS	0.000	0.068	NS	0.000	15.533
10/01/04	1,413,915	33,395	1.66	2,385	1,413,468	NS	0.139	6.922	NS	0.001	0.069	NS	0.014	15.547
10/08/04	1,430,142	16,227	1.61	2,318	1,429,695	NS	0.139	6.922	NS	0.001	0.069	NS	0.014	15.551
10/22/04	1,430,888	746	0.04	53	1,430,441	NS	0.000	6.925	<0.50	0.000	0.069	NS	0.000	15.551
11/05/04	1,458,650	27,762	1.38	1,983	1,458,203	<50	0.006	6.931	NS	0.000	0.069	5.2	0.001	15.552
11/19/04	1,493,299	34,649	1.72	2,475	1,492,852	NS	0.007	6.938	<0.50	0.000	0.069	NS	0.002	15.553
12/03/04	1,525,750	32,451	1.61	2,318	1,525,303	<250	0.034	6.972	NS	0.000	0.070	<25	0.003	15.557

**TABLE 2**  
**Groundwater Extraction - Mass Removal Data**  
 Shell-branded Service Station, Incident #98995842  
 3790 Hopyard Road, Pleasanton, California

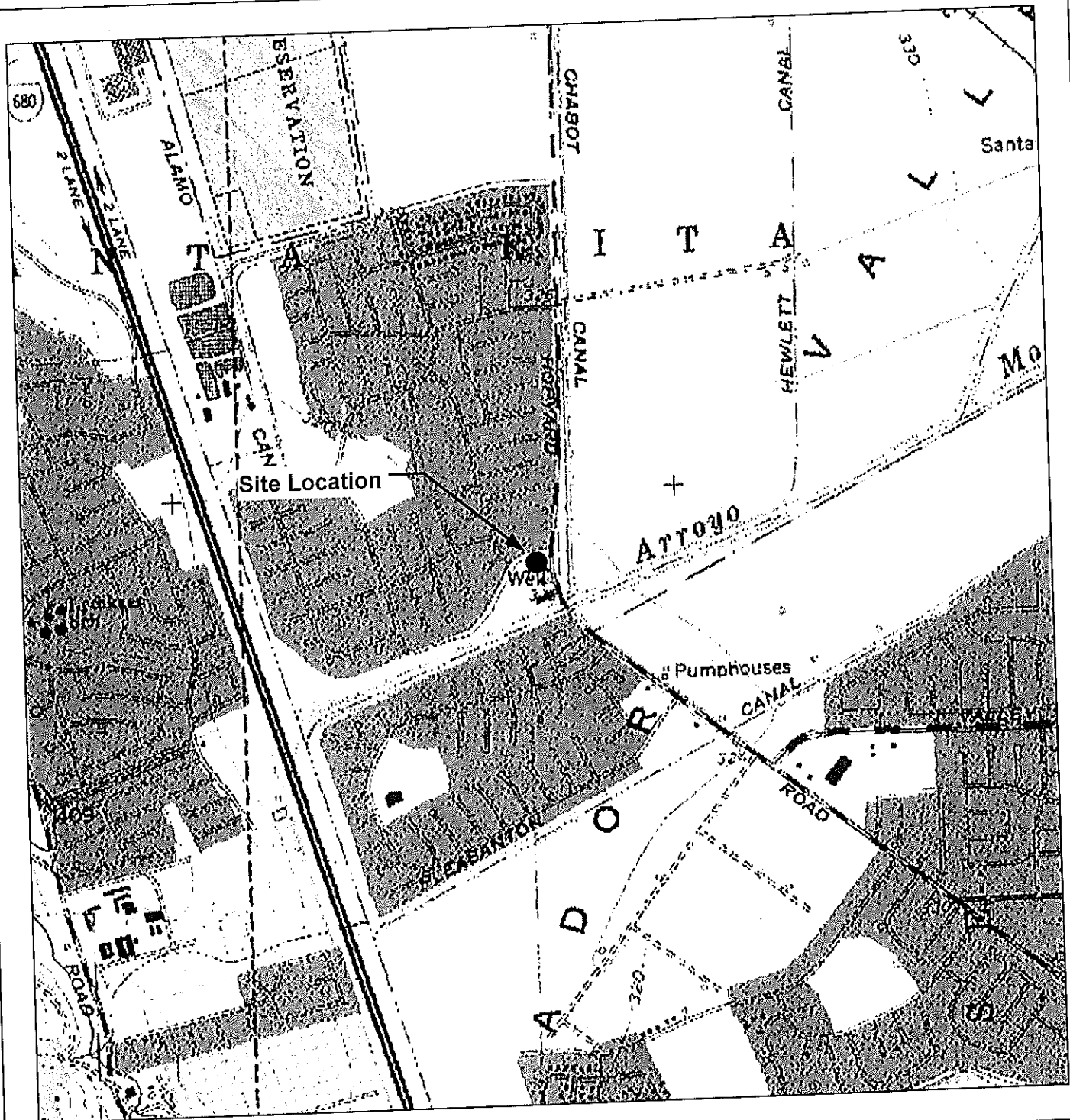
Site Visit (mm/dd/yy)	Flow Meter Reading (gal)	Period Volume (gal)	Flow Rate (gpm)	Flow Rate (gpd)	Cumulative Volume (gal)	TPH-G Conc. (ppb)	TPH-G Period Removal (pounds)	Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	Cumulative Removal (pounds)
12/17/04	1,559,338	33,588	1.67	2,399	1,558,891	NS	0.035	7.007	NS	0.000	0.070	NS	0.004	15.560
01/07/05	1,614,590	55,252	1.83	2,631	1,614,143	150	0.069	7.076	0.95	0.000	0.071	18	0.008	15.569
02/28/05	1,616,214	1,624	0.02	31	1,615,767	100	0.002	7.078	<0.50	0.000	0.071	<0.50	0.000	15.569
03/04/05	1,616,492	278	0.05	69	1,616,045	NS	0.000	7.079	NS	0.000	0.071	NS	0.000	15.569
03/08/05	1,623,641	7,149	1.24	1,787	1,623,194	<50	0.001	7.080	<0.50	0.000	0.071	NS	0.000	15.569
03/24/05	1,658,851	35,210	1.53	2,201	1,658,404	NS	0.007	7.087	NS	0.000	0.071	NS	0.000	15.569
03/28/05	1,670,077	11,226	1.95	2,806	1,669,630	NS	0.002	7.090	NS	0.000	0.071	NS	0.000	15.569
04/08/05	1,673,205	3,128	0.20	284	1,672,758	<50	0.001	7.090	<0.50	0.000	0.071	<0.50	0.000	15.569
04/13/05	1,673,618	414	0.06	83	1,673,171	NS	0.000	7.091	NS	0.000	0.071	NS	0.000	15.569
04/15/05	1,686,550	12,932	4.49	6,466	1,686,103	NS	0.003	7.093	NS	0.000	0.071	NS	0.000	15.569
04/21/05	1,719,745	33,195	3.84	5,533	1,719,298	NS	0.007	7.100	NS	0.000	0.071	NS	0.000	15.577
04/27/05	1,751,546	31,801	3.68	5,300	1,751,099	<50	0.007	7.107	<0.50	0.000	0.071	31.0	0.008	15.577
05/11/05	1,752,139	593	0.03	42	1,751,692	<50	0.000	7.107	<0.50	0.000	0.071	28.0	0.000	15.577
05/20/05	1,795,728	43,589	3.36	4,843	1,795,281	NS	0.009	7.116	NS	0.000	0.071	NS	0.010	15.588
06/03/05	1,864,820	69,092	3.43	4,935	1,864,373	<50	0.014	7.130	<0.50	0.000	0.071	12.0	0.007	15.595
06/06/05	1,874,014	9,194	2.13	3,085	1,873,567	NS	0.002	7.132	NS	0.000	0.071	NS	0.001	15.596
06/17/05	1,874,045	30	0.00	3	1,873,598	NS	0.000	7.132	NS	0.000	0.071	NS	0.000	15.596
06/28/05	1,924,672	50,627	3.20	4,602	1,924,225	NS	0.011	7.143	NS	0.000	0.071	NA	0.005	15.601
07/01/05	1,939,227	14,555	3.37	4,852	1,938,780	NA	0.011	7.146	<0.50	0.000	0.071	11	0.001	15.602
07/15/05	1,994,064	54,837	2.72	3,917	1,993,617	<50	0.003	7.146	NS	0.000	0.071	NS	0.005	15.607
07/29/05	2,057,260	63,196	3.13	4,514	2,056,813	NS	0.011	7.157	<0.50	0.000	0.071	10	0.005	15.612
08/05/05	2,089,074	31,814	3.16	4,545	2,088,627	<50	0.013	7.171	<0.50	0.000	0.071	6.6	0.002	15.614
08/22/05	2,161,402	72,328	2.95	4,255	2,160,955	<50	0.007	7.177	<0.50	0.000	0.072	NS	0.004	15.618
09/01/05	2,203,738	42,336	2.94	4,234	2,203,291	NS	0.015	7.192	NS	0.000	0.072	NS	0.002	15.620
09/13/05	2,253,618	49,880	2.89	4,157	2,253,171	<50	0.009	7.201	<0.50	0.000	0.072	4.9	0.002	15.622
10/07/05	2,324,668	71,050	2.06	2,960	2,324,221	NS	0.010	7.212	NS	0.000	0.072	NS	0.002	15.624
10/24/05	2,396,125	71,457	2.92	4,203	2,395,678	NS	0.015	7.226	<2.0	0.001	0.072	4.2	0.002	15.627
11/04/05	2,440,441	44,316	2.80	4,029	2,439,994	<50	0.009	7.241	NS	0.001	0.073	NS	0.003	15.628
11/20/05	2,505,320	64,879	2.82	4,055	2,504,873	NS	0.014	7.251	<0.50	0.000	0.073	2.9	0.001	15.629
12/13/05	2,594,353	89,033	2.69	3,871	2,593,906	NS	0.014	7.264	NS	0.000	0.073	NS	0.002	15.632
01/05/06	2,693,473	99,119	2.87	4,130	2,693,026	230	0.085	7.350	2.1	0.002	0.075	3.0	0.002	15.632
01/19/06	2,751,512	58,040	3.10	4,465	2,751,065	<50	0.021	7.370	1.1	0.001	0.076	3.7	0.003	15.635
02/02/06	2,812,400	60,887	3.02	4,349	2,811,953	<50	0.012	7.382	NS	0.001	0.076	NS	0.002	15.636
02/16/06	2,871,764	59,365	2.94	4,240	2,871,317	NS	0.012	7.395	NS	0.001	0.077	NS	0.003	15.639
03/03/06	2,935,534	63,770	2.95	4,251	2,935,087	<50	0.013	7.395	1.1	0.001	0.077	5.6	0.003	15.642
03/21/06	3,012,130	76,596	2.96	4,255	3,011,683	NS	0.012	7.407	NS	0.000	0.078	NS	0.002	15.644
04/10/06	3,065,491	53,361	1.85	2,668	3,065,044	NS	0.029	7.437	0.6	0.000	0.078	NS	0.002	15.645
						<50	0.035	7.472	NS	0.000	0.078	NS	0.003	15.649
						<50	0.011	7.483	<0.50	0.000	0.078	6.90	0.003	15.649

**TABLE 2**  
**Groundwater Extraction - Mass Removal Data**  
 Shell-branded Service Station, Incident #98995842  
 3790 Hopyard Road, Pleasanton, California

Site Visit (mm/dd/yy)	Flow Meter Reading (gal)	Period Volume (gal)	Flow Rate (gpm)	Flow Rate (gpd)	Cumulative Volume (gal)	TPH-G Conc. (ppb)	TPH-G Period Removal (pounds)	Cumulative Removal (pounds)	Benzene Conc. (ppb)	Benzene Period Removal (pounds)	Cumulative Removal (pounds)	MTBE Conc. (ppb)	MTBE Period Removal (pounds)	Cumulative Removal (pounds)	
04/14/06	3,080,381	14,890	2.59	3,723	3,079,934	NS	0.003	7.486	NS	0.000	0.078	NS	0.001	15.649	
04/18/06	3,102,176	21,795	1.89	5,449	3,101,729	NS	0.005	7.491	NS	0.000	0.078	NS	0.001	15.651	
05/04/06	3,142,659	40,483	1.41	2,530	3,142,212	53	0.018	7.508	1.7	0.001	0.079	25	0.008	15.659	
<b>Reporting Period:</b>					<b>Total Gallons Extracted:</b>	<b>130,529</b>	<b>Total Pounds Removed:</b>		<b>0.04</b>	<b>Total Pounds Removed:</b>		<b>0.001</b>	<b>Total Pounds Removed:</b>		<b>0.014</b>
<b>Overall:</b>					<b>Total Gallons Extracted:</b>	<b>3,142,212</b>	<b>Total Pounds Removed:</b>		<b>7.51</b>	<b>Total Pounds Removed:</b>		<b>0.079</b>	<b>Total Pounds Removed:</b>		<b>15.7</b>
							<b>Total Gallons Removed:</b>		<b>1.23</b>	<b>Total Gallons Removed:</b>		<b>0.011</b>	<b>Total Gallons Removed:</b>		<b>2.54</b>

**Abbreviations & Notes:**

TPH-G = Total purgeable hydrocarbons as Gasoline  
 MTBE = Methyl tert-butyl ether  
 Conc. = Concentration  
 ppb = Parts per billion, equivalent to ug/L  
 ug/L = Micrograms per liter  
 L = Liter  
 gal = Gallon  
 g = Gram  
 NS = Not Sampled  
 NA = Sample results are not available at this time  
 TPH-G, benzene and MTBE analyzed by EPA Method 8260  
 Mass removed based on the formula: volume extracted (gal) x Concentration (mg/L) x (g/10<sup>6</sup>mg) x (pound/453.6g) x (3.785 L/gal)  
 When constituents are not detected, the concentration is assumed to be equal to half the detection limit in subsequent calculations.  
 Volume removal data based on the formula: mass (pounds) x (density)<sup>-1</sup> (cc/g) x 453.6 (g/pound) x (L/1000 cc) \* (gal/3.785 L)  
 Density inputs: TPH-G = 0.73 g/cc, benzene = 0.88 g/cc, MTBE = 0.74 g/cc



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

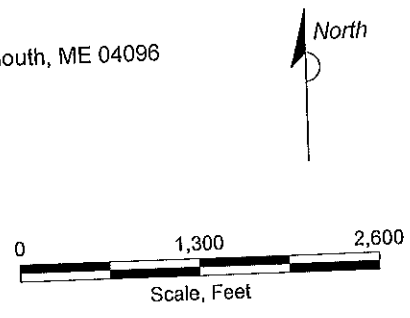
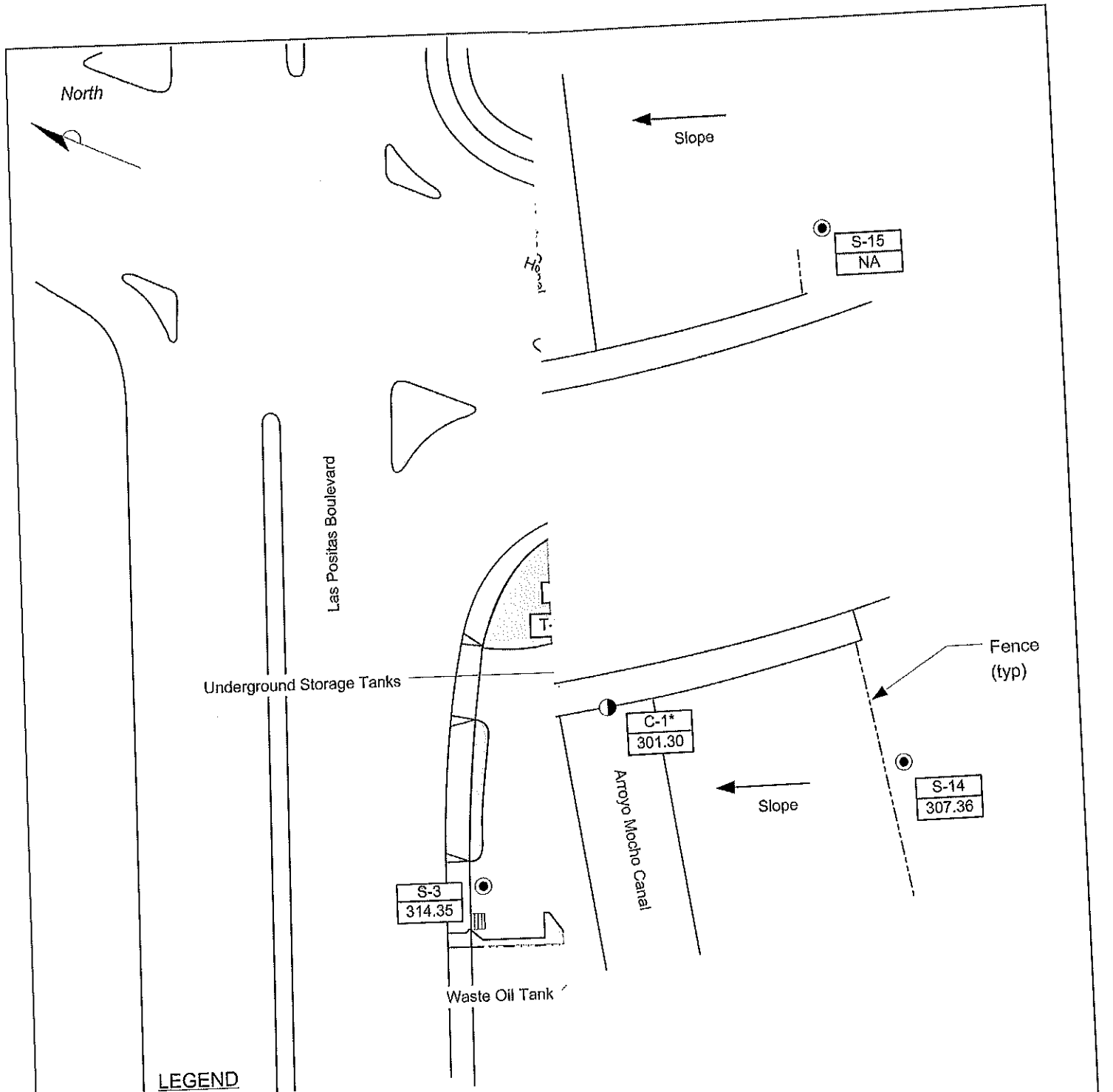


FIGURE 1  
 SITE LOCATION AND WELL SURVEY MAP  
 SHELL-BRANDED SERVICE STATION  
 3790 Hopyard Road  
 Pleasanton, California

PROJECT NO. SJ37-90H-1.2005	DRAWN BY VF 12/04/03
FILE NO. SJ37-90H-1.2005	PREPARED BY VF
REVISION NO.	REVIEWED BY





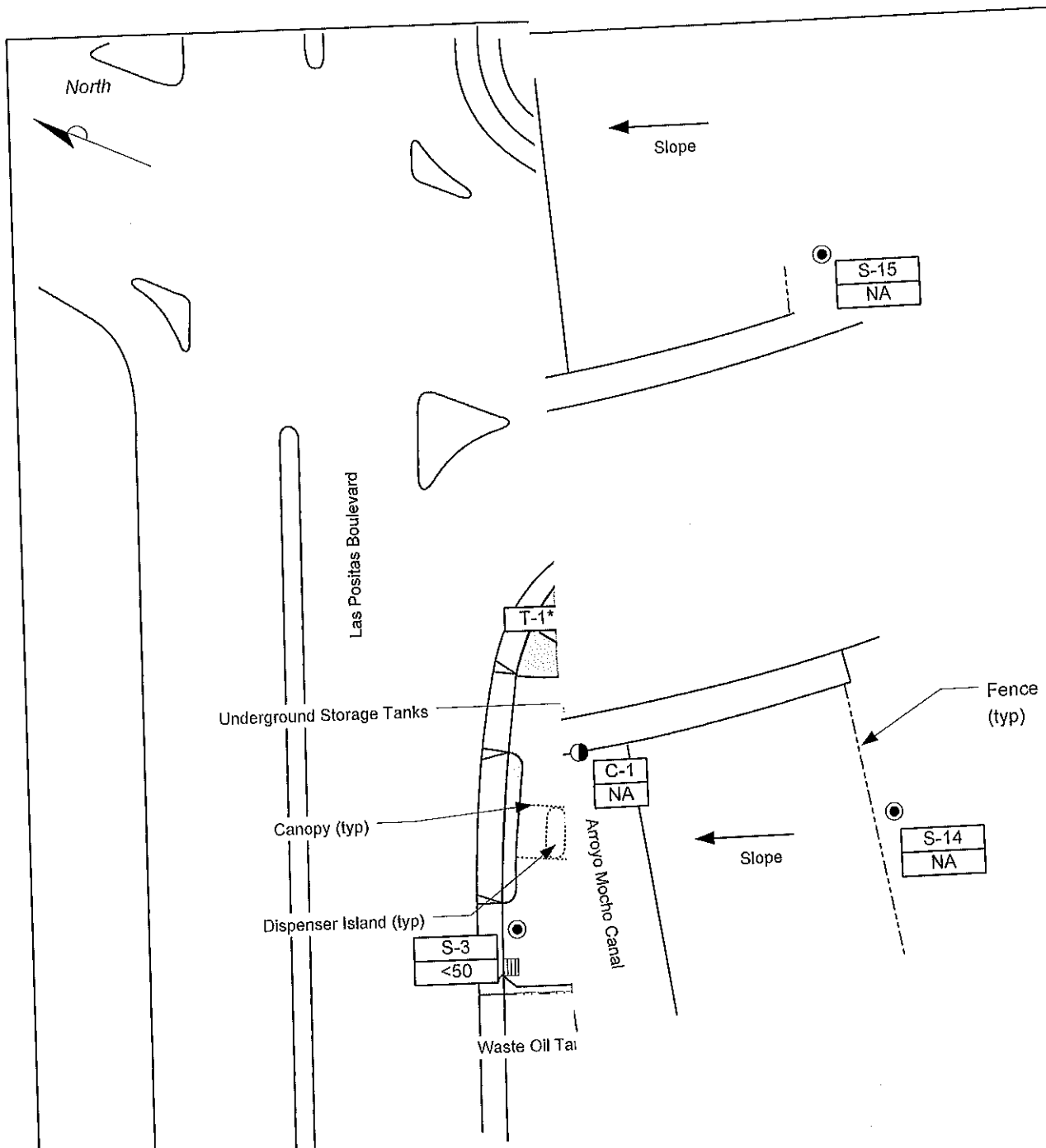
**LEGEND**

- S-5 GROUNDWATER MONITORING WELL
- SR-1 GROUNDWATER RECOVERY WELL
- T-1 TANK BACKFILL WELL
- C-1 CREEK GAUGING LOCATION
- (308.51) GROUNDWATER ELEVATION (FEET-MSL)
- 311.00 GROUNDWATER ELEVATION CONTOUR
- APPROXIMATE GROUNDWATER FLOW
- \* WATER LEVEL IN ARROYO MOCHO CANAL
- \*\* NOT MEASURED
- \*\*\* NOT USED IN CONTOURING (MEASURED)

**FIGURE 2**  
**GROUNDWATER ELEVATION CONTOUR MAP,**  
**FIRST ENCOUNTERED GROUNDWATER JANUARY 22, 2007**  
**SHELL-BRANDED SERVICE STATION**  
**3790 Hopyard Road**  
**Pleasanton, California**

NO. 1-1.2008	DRAWN BY BH 9/25/06
NO. 1-1.2006	PREPARED BY BH
NO.	REVIEWED BY





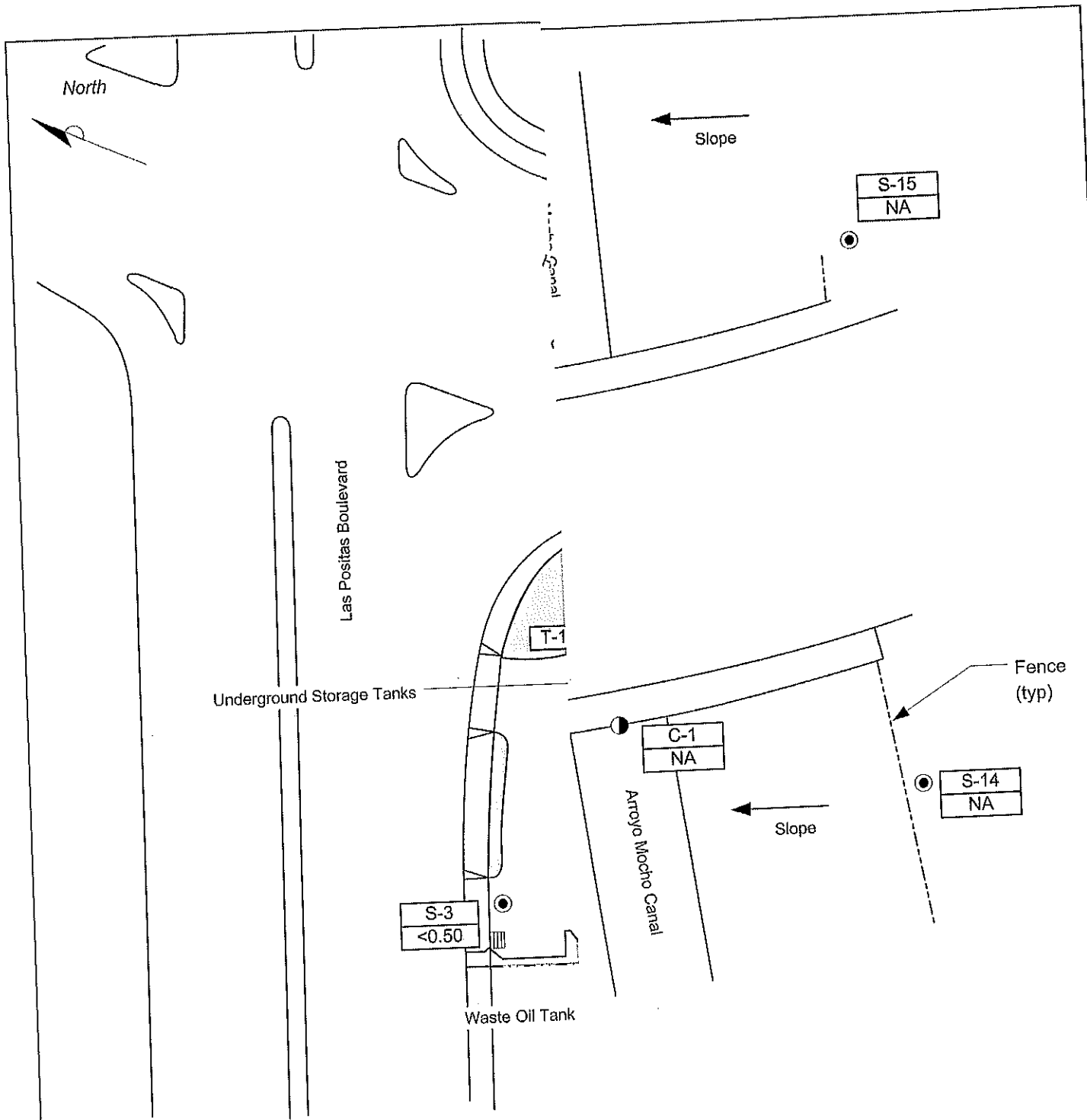
**LEGEND**

- S-5 ● GROUNDWATER MONITORING WELL
- SR-1 ⊕ GROUNDWATER RECOVERY WELL
- T-1 ⊙ TANK BACKFILL WELL
- C-1 ● CREEK GAUGING LOCATION
- <50 TPH-G CONCENTRATION (UG/L), 01/21/07
- TPH-G ISOCONCENTRATION CONTOUR
- \* NOT SAMPLED
- NA NOT ANALYZED

**FIGURE 3**  
 TPH-G ISOCONCENTRATION CONTOUR,  
 JANUARY 22, 2007  
 SHELL-BRANDED SERVICE STATION  
 3790 Hopyard Road  
 Pleasanton, California

DRAWN BY	BH 08/24/06
PREPARED BY	JL
REVIEWED BY	





**LEGEND**

- S-5 GROUNDWATER MONITORING WELL
- SR-1 GROUNDWATER RECOVERY WELL
- T-1 TANK BACKFILL WELL
- C-1 CREEK GAUGING LOCATION
- <0.500 BENZENE CONCENTRATION (UG/L), 01/
- 5.0 BENZENE ISOCONCENTRATION CONTC
- \* NOT SAMPLED
- NA NOT ANALYZED

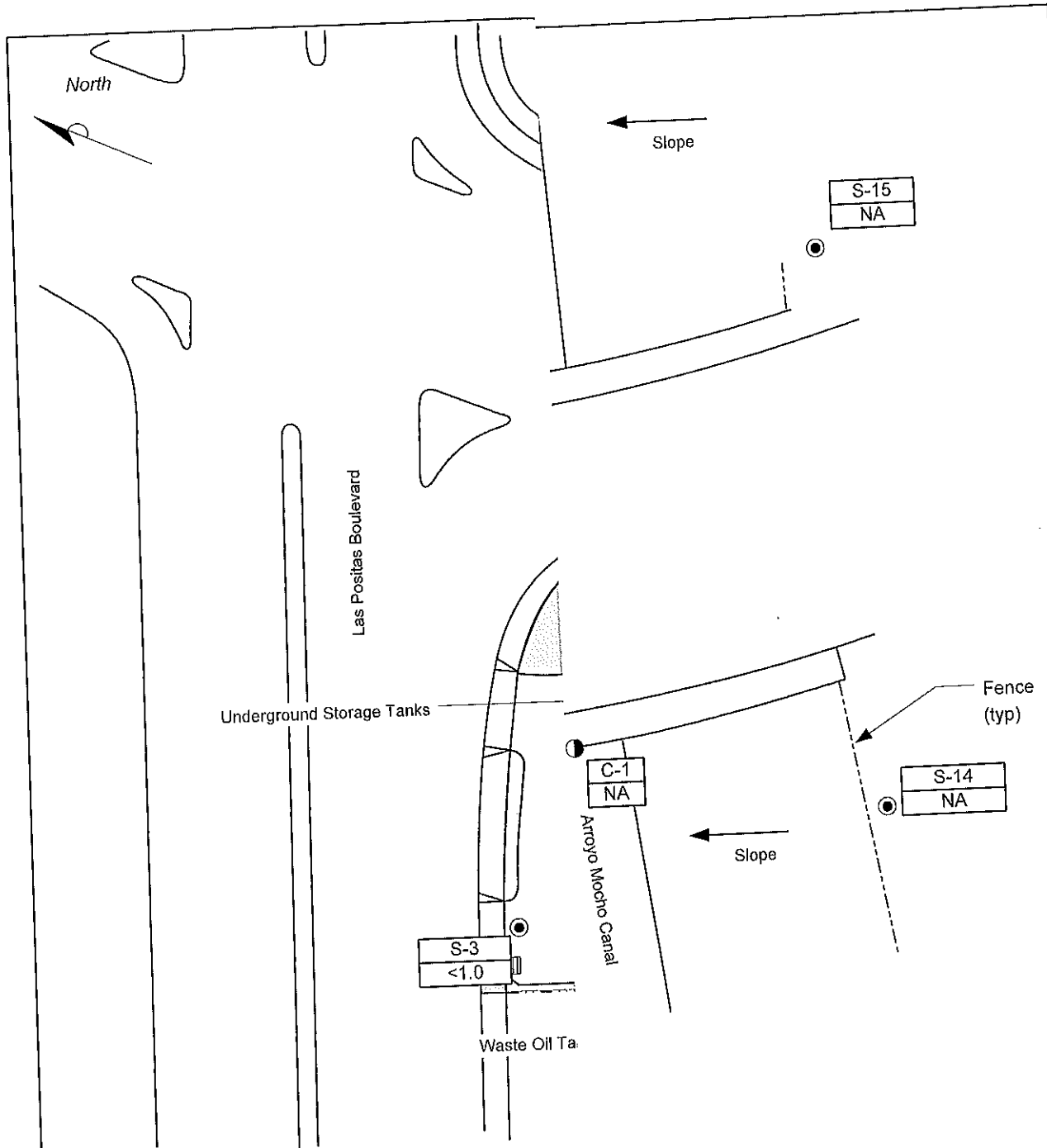
**FIGURE 4**  
 BENZENE ISOC, CONCENTRATION CONTOUR MAP,  
 JANUARY 22 2007

SHELL-BRANDED SERVICE STATION  
 3790 Hopyard Road  
 Pleasanton, California

NO. 1.2006	DRAWN BY BH 9/25/06
1.2006	PREPARED BY JL
NO.	REVIEWED BY



**Delta**  
 Environmental  
 Consultants, Inc.



**LEGEND**

- S-5 ● GROUNDWATER MONITORING WELL
- SR-1 ⊕ GROUNDWATER RECOVERY WELL
- T-1 ⊗ TANK BACKFILL WELL
- C-1 ○ CREEK GAUGING LOCATION
- <math><0.500</math> MTBE CONCENTRATION (UG/L), 07/1
- 50 MTBE ISOCONCENTRATION CONTOUR
- \* NOT SAMPLED
- NA NOT ANALYSED

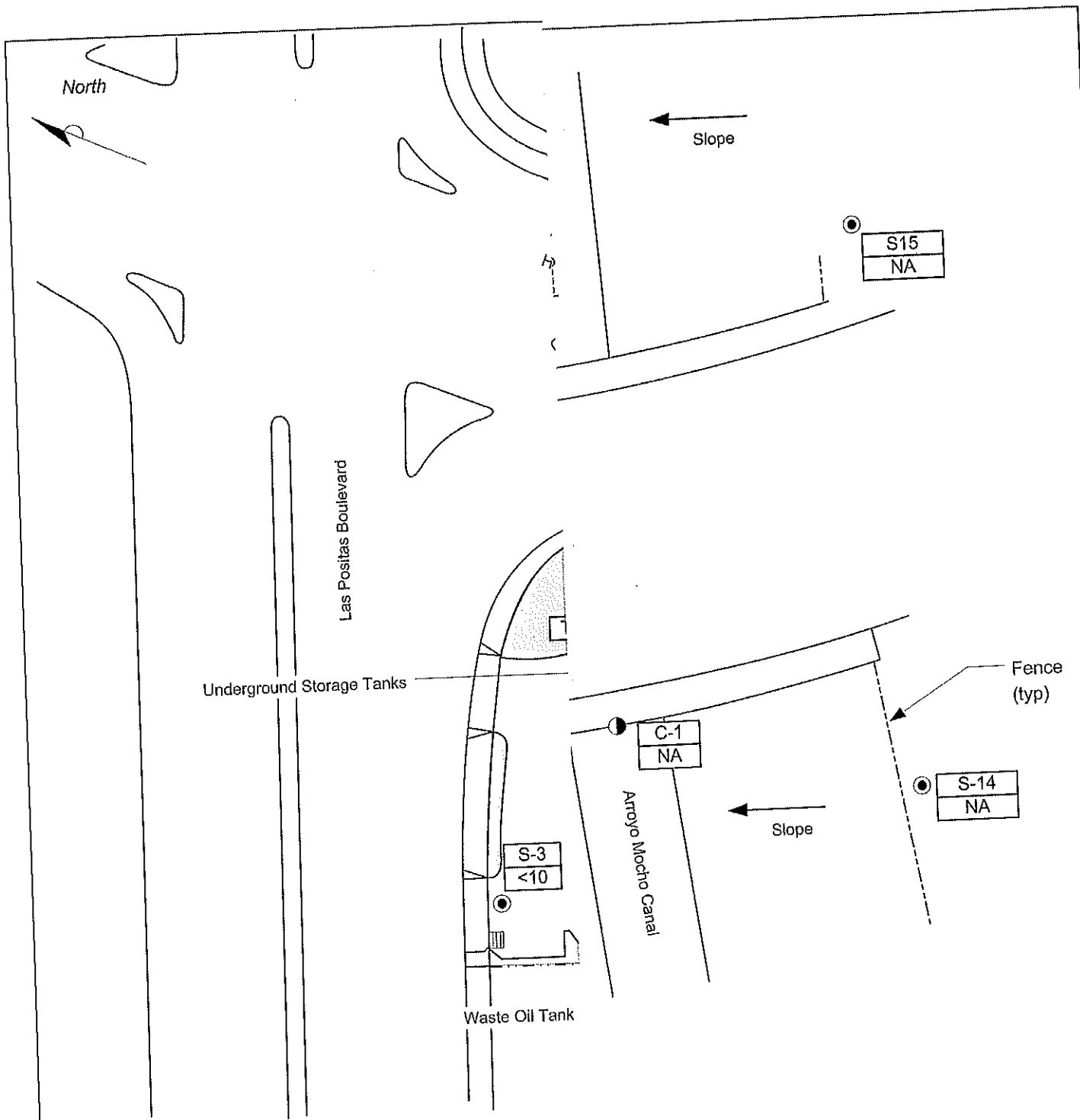
**FIGURE 5**  
**MTBE ISOCONCENTRATION CONTOUR MAP,**  
**JANUARY 27, 2007**

**SHELL-BRANDED SERVICE STATION**  
 3790 Hopyard Road  
 Pleasanton, California

DRAWN BY	BH 09/25/06
PREPARED BY	JL
REVIEWED BY	







**LEGEND**

- S-5    ●    GROUNDWATER MONITORING WELL
- SR-1    ⊕    GROUNDWATER RECOVERY WELL
- T-1    ⊗    TANK BACKFILL WELL
- C-1    ●    CREEK GAUGING LOCATION
- |       |
|-------|
| <10.0 |
|-------|

TBA CONCENTRATIONS (UG/L), 01/22/06
- 50 ———    TBA ISOCONCENTRATION CONTOUR
- \*    NOT SAMPLED
- NA    NOT ANALYZED

**FIGURE 6**  
**TBA ISOCONCENTRATION CONTOUR MAP,**  
**JANUARY 22, 2007**  
**SHELL-BRANDED SERVICE STATION**  
**3790 Hopyard Road**  
**Pleasanton, California**

10.2006	DRAWN BY BH 09/25/06
2006	PREPARED BY JL
0.	REVIEWED BY



**Attachment A**

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**GROUNDWATER MONITORING AND SAMPLING REPORT**

**BLAINE**  
**TECH SERVICES INC.**

GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

February 16, 2007

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

First Quarter 2007 Groundwater Monitoring at  
Shell-branded Service Station  
3790 Hopyard Road  
Pleasanton, CA

Monitoring performed on January 22, 2007

Groundwater Monitoring Report 070122-DR-1

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata  
Project Manager

MN/ks

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

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

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-1	11/06/1987	920	NA	230	<5	150	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-1	02/14/1988	3,500	NA	1,300	<40	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	11/06/1987	16,000	NA	870	100	2,700	2,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	02/14/1988	1,800	NA	440	<10	140	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	10/13/1988	550	NA	110	1	45	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	01/31/1989	620	NA	170	2	62	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	03/07/1989	1,900	NA	260	270	130	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	06/26/1989	320	NA	88	1	32	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	09/08/1989	230	NA	80	1	30	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	12/14/1989	160	NA	56	0.5	21	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	03/05/1990	710	NA	57	<0.5	<0.5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	06/14/1990	110	NA	39	0.5	11	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	10/02/1990	290	NA	84	1.7	160	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	12/18/1990	61	NA	18	1.4	2.2	2.4	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	03/20/1991	110	NA	30	2.2	10	7	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	06/26/1991	50a	NA	6.3	<0.5	3.3	1.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.85	313.36	NA	NA
S-2	09/05/1991	90	NA	12	3.2	2.5	2.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.94	314.27	NA	NA
S-2	12/13/1991	<50	NA	12	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.78	313.43	NA	NA
S-2	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.03	314.18	NA	NA
S-2	06/24/1992	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.03	314.18	NA	NA
S-2	09/17/1992	78	NA	2.6	1.3	1.3	0.9	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.81	314.40	NA	NA
S-2	12/11/1992	<50	NA	0.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	02/04/1993	55	NA	1.3	0.7	0.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	NA	NA	NA	NA
S-2	06/03/1993	<50	NA	0.7	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.63	314.58	NA	NA
S-2	09/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.70	314.51	NA	NA
S-2	12/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.94	314.27	NA	NA
S-2	06/16/1994	<50	NA	0.8	<0.5	0.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	15.17	314.04	NA	NA
S-2	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.25	314.96	NA	NA
S-2	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.21	14.31	314.90	NA	NA
S-2	06/12/1996	<50	NA	6.1	<0.5	<0.5	<0.5	48	NA	NA	NA	NA	NA	NA	NA	329.21	14.31	314.90	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-2	06/25/1997	120	NA	25	0.59	2.4	8.7	130	NA	NA	NA	NA	NA	NA	NA	329.21	14.40	314.81	NA	4.4
S-2	06/19/1998	450	NA	96	<2.5	4	19	180	NA	NA	NA	NA	NA	NA	NA	329.21	13.72	315.49	NA	2.8
S-2	06/17/1999	312	NA	74.4	2.04	1.02	<1.00	147	NA	NA	NA	NA	NA	NA	NA	329.21	13.97	315.24	NA	3.7
S-2	06/15/2000	1,050	NA	261	<5.00	7.54	11.4	13,500	9,850 b	NA	NA	NA	NA	NA	NA	329.21	14.25	314.96	NA	3.3
S-2	11/29/2000	<250	NA	3.75	<2.50	<2.50	<2.50	12,400	10,700 b	NA	NA	NA	NA	NA	NA	329.21	14.82	314.39	NA	2.2
S-2	03/07/2001	<500	NA	14.7	<5.00	<5.00	<5.00	8,610	NA	NA	NA	NA	NA	NA	NA	329.21	13.70	315.51	NA	2.3
S-2	06/18/2001	<2,000	NA	<20	<20	<20	<20	NA	7,100	NA	NA	NA	NA	NA	NA	329.21	14.56	314.65	NA	NA
S-2	09/17/2001	<2,000	NA	<10	<10	<10	<10	NA	7,500	<10	<10	<10	680	NA	<500	329.21	15.18	314.03	NA	NA
S-2	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	NA	NA	NA	NA	NA	NA	329.21	13.19	316.02	NA	NA
S-2	03/13/2002	<1,000	NA	65	<10	13	<10	NA	6,500	NA	NA	NA	NA	NA	NA	329.21	15.03	314.18	NA	NA
S-2	06/18/2002	520	NA	28	<5.0	<5.0	<5.0	NA	2,800	NA	NA	NA	NA	NA	NA	329.21	15.60	313.61	NA	NA
S-2	09/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,200	NA	NA	NA	NA	NA	NA	328.77	14.90	313.87	NA	NA
S-2	12/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,300	<10	<10	<10	5,600	<10	NA	328.77	14.40	314.37	NA	NA
S-2	03/24/2003	<2,500	NA	28	<25	<25	<50	NA	1,300	NA	NA	NA	NA	NA	NA	328.77	14.86	313.91	NA	NA
S-2	05/09/2003	<2,500	NA	36	<25	35	<50	NA	4,000	NA	NA	NA	6,200	NA	NA	328.77	13.45	315.32	NA	NA
S-2	07/08/2003	<2,000	NA	<20	<20	<20	<40	NA	3,200	NA	NA	NA	NA	NA	NA	328.77	20.10	308.67	NA	NA
S-2	10/15/2003	960 e	NA	6.9	<2.5	9.0	<5.0	NA	90	NA	NA	NA	2,400	NA	NA	328.77	16.67	312.10	NA	NA
S-2	01/06/2004	690	NA	8.3	<0.50	0.72	2.8	NA	82	NA	NA	NA	860	NA	NA	328.77	21.00	307.77	NA	NA
S-2	04/07/2004	980 e	NA	12	<2.5	<2.5	<5.0	NA	28	NA	NA	NA	2,500	NA	NA	328.77	16.62	312.15	NA	NA
S-2	07/27/2004	62	NA	1.5	<0.50	<0.50	<1.0	NA	16	<2.0	<2.0	<2.0	550	NA	<50	328.77	16.64	312.13	NA	NA
S-2	10/29/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	22	<10	<10	<10	1,800	NA	<250	328.77	16.43	312.34	NA	NA
S-2	01/06/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	21	<10	<10	<10	2,700	NA	NA	328.77	16.37	312.40	NA	NA
S-2	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	14	<0.50	<0.50	<0.50	290	NA	<5.0	328.77	18.54	310.23	NA	NA
S-2	07/29/2005	1,300 g	NA	<5.0	<5.0	<5.0	<10	NA	19	<20	<20	<20	1,000	NA	<500	328.77	21.37	307.40	NA	NA
S-2	10/20/2005	1,300	NA	13	<1.0	9.8	2.6	NA	26	<4.0	<4.0	<4.0	730	NA	<100	328.77	21.88	306.89	NA	NA
S-2	01/26/2006	3,820	NA	16.3	<0.500	5.78	<0.500	NA	25.8	<0.500	<0.500	<0.500	445	NA	<50.0	328.77	21.15	307.62	NA	NA
S-2	04/24/2006	4,720	NA	68.8	1.44	115	8.31	NA	1,600	<0.500	<0.500	<0.500	1,010	NA	<50.0	328.77	13.80	314.97	NA	NA
S-2	07/12/2006	<50.0	NA	14.4	<0.500	<0.500	<1.50	NA	70.9	<0.500	<0.500	<0.500	1,660	NA	<50.0	328.77	14.19	314.58	NA	NA
S-2	10/20/2006	108	NA	5.52	<0.500	0.690	<0.500	NA	17.9	<0.500	<0.500	<0.500	382	NA	<50.0	328.77	14.13	314.64	NA	NA
S-2	01/22/2007	<50	NA	0.40 i	<0.50	<0.50	<1.0	NA	16	<1.0	<1.0	<1.0	450	NA	<150	328.77	14.05	314.72	NA	NA
S-3	02/14/1988	<50	NA	<0.5	<1	<4	<4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3	10/13/1988	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	01/31/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	03/07/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	06/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	09/08/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	12/14/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	03/05/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	06/14/1990	<500	NA	<0.5	<0.5	<0.5	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	10/02/1990	<50	NA	<0.5	1.6	<0.5	2.0	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	12/18/1990	<50	NA	<0.5	8.9	4	23	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	03/20/1991	70	NA	2.3	8.9	4	23	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.87	313.80	NA	NA
S-3	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.05	314.62	NA	NA
S-3	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.86	313.81	NA	NA
S-3	03/11/1992	<30	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.01	314.66	NA	NA
S-3	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.00	314.67	NA	NA
S-3	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	13.02	314.65	NA	NA
S-3	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	15.17	312.50	NA	NA
S-3	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	12.49	315.18	NA	NA
S-3	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.67	12.53	315.14	NA	NA
S-3	06/21/1995	50	NA	4.1	<0.5	20	1.2	NA	NA	NA	NA	NA	NA	NA	NA	327.67	12.64	315.03	NA	1.8
S-3	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	327.67	11.74	315.93	NA	4.1
S-3	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	327.67	12.35	315.32	NA	2.8
S-3	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	327.67	12.51	315.16	NA	3.2
S-3	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	327.67	12.84	314.83	NA	1.0
S-3	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	327.67	12.42	315.25	NA	2.8
S-3	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	327.67	13.74	313.93	NA	NA
S-3	03/07/2001	<50.0	NA	<0.500	1.1	<0.50	0.51	NA	0.66	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA
S-3	06/18/2001	<50	NA	0.66	1.1	<0.50	0.51	NA	0.66	NA	NA	NA	NA	NA	NA	327.67	NA	NA	NA	NA

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S-3	09/17/2001	<50	NA	0.73	0.96	<0.50	0.61	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.25	314.42	NA	NA
S-3	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	12.38	315.29	NA	NA
S-3	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.67	13.16	314.51	NA	NA
S-3	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	327.40	13.32	314.08	NA	NA
S-3	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0	NA	327.40	12.55	314.85	NA	NA
S-3	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	327.40	12.71	314.69	NA	NA
S-3	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	12.27	315.13	NA	NA
S-3	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	327.40	14.10	313.30	NA	NA
S-3	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	14.64	312.76	NA	NA
S-3	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	15.11	312.29	NA	NA
S-3	01/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	327.40	14.36	313.04	NA	NA
S-3	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	14.21	313.19	NA	NA
S-3	07/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	14.03	313.37	NA	NA
S-3	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	327.40	14.08	313.32	NA	NA
S-3	01/06/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<5.0	327.40	12.16	315.24	NA	NA
S-3	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	15.29	312.11	NA	NA
S-3	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	327.40	15.90	311.50	NA	NA
S-3	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50.0	327.40	15.00	312.40	NA	NA
S-3	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	13.0	NA	<50.0	327.40	12.03	315.37	NA	NA
S-3	04/24/2006	<50.0	NA	0.610	0.640	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.40	12.35	315.05	NA	NA
S-3	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.40	12.46	314.94	NA	NA
S-3	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<150	327.40	13.05	314.35	NA	NA
S-3	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<10	NA	<150	327.40	13.05	314.35	NA	NA
S-4	02/14/1988	5,100	NA	160	8	730	730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	10/13/1988	530	NA	24	1	25	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	01/31/1989	1,100	NA	33	2	20	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	03/07/1989	650	NA	37	1	35	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	06/26/1989	670	NA	110	<1	85	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	09/08/1989	380	NA	32	<1	36	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	12/14/1989	210	NA	21	<0.5	30	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	03/05/1990	350	NA	43	<0.5	24	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA



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S-4	06/14/1990	430	NA	74	<0.5	71	46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	10/02/1990	700	NA	74	2.2	100	55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	12/18/1990	1,400	NA	180	2.9	280	230	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	03/20/1991	1,200	NA	100	<2.0	210	130	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	06/26/1991	220	NA	14	<0.5	34	17	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	09/05/1991	580	NA	31	0.8	53	26	NA	NA	NA	NA	NA	NA	NA	NA	328.53	15.20	313.33	NA	NA
S-4	12/13/1991	370	NA	24	0.9	1.3	46	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.37	314.16	NA	NA
S-4	03/11/1992	1,600	NA	23	1.2	12	20	NA	NA	NA	NA	NA	NA	NA	NA	328.53	15.30	313.23	NA	NA
S-4	06/24/1992	480	NA	48	<1.0	95	22	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA	NA
S-4	09/17/1992	260	NA	35	1.2	51	7.8	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.18	314.35	NA	NA
S-4	12/11/1992	270	NA	34	0.8	28	4.5	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	02/04/1993	1,100	NA	12	<5.0	89	100	NA	NA	NA	NA	NA	NA	NA	NA	328.53	NA	NA	NA	NA
S-4	06/03/1993	210	NA	48	1.1	42	4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.86	314.67	NA	NA
S-4	09/15/1993	700	NA	21	<1.0	110	91	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.16	314.37	NA	NA
S-4	12/09/1993	250	NA	39	<0.5	3.8	2.6	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA	NA
S-4	03/04/1994	150	NA	25	1.4	6.8	2.8	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.17	314.36	NA	NA
S-4 (D)	03/04/1994	140	NA	28	0.8	7.9	3.2	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.14	314.39	NA	NA
S-4	06/16/1994	90	NA	12	<0.5	1.8	2.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.14	314.39	NA	NA
S-4 (D)	06/16/1994	80	NA	5.9	<0.5	1.5	0.9	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA	NA
S-4	09/13/1994	<50	NA	23	<0.5	4.9	2.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	14.42	314.11	NA	NA
S-4 (D)	09/13/1994	<50	NA	23	<0.5	4	2.3	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.82	314.71	NA	NA
S-4	06/21/1995	270	NA	34	1.4	25	7.6	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.82	314.71	NA	NA
S-4 (D)	06/21/1995	280	NA	35	2.1	26	8.4	NA	NA	NA	NA	NA	NA	NA	NA	328.53	13.64	314.89	NA	NA
S-4	06/12/1996	360	NA	52	<0.5	<0.5	<0.5	92	NA	NA	NA	NA	NA	NA	NA	328.53	13.64	314.89	NA	NA
S-4 (D)	06/12/1996	430	NA	54	<1.2	72	21	96	NA	NA	NA	NA	NA	NA	NA	328.53	13.74	314.79	NA	0.6
S-4	06/25/1997	6,700	NA	93	1,200	240	1,300	6,900	6,800	NA	NA	NA	NA	NA	NA	328.53	12.55	315.98	NA	0.8
S-4	06/19/1998	3,500	NA	56	15	140	670	2,100	NA	NA	NA	NA	NA	NA	NA	328.53	12.55	315.98	NA	0.8
S-4 (D)	06/19/1998	3,000	NA	51	14	110	530	2,000	NA	NA	NA	NA	NA	NA	NA	328.53	13.24	315.29	NA	4.8
S-4	06/17/1999	1,510	NA	28.4	9.84	176	132	1,780	NA	NA	NA	NA	NA	NA	NA	328.53	13.65	314.88	NA	2.1
S-4	06/15/2000	<500	NA	12.0	<5.00	31.0	22.8	12,200	NA	NA	NA	NA	NA	NA	NA	328.53	14.23	314.30	NA	1.8
S-4	11/29/2000	<500	NA	<5.00	<5.00	<5.00	<5.00	12,100	NA	NA	NA	NA	NA	NA	NA	328.53	13.15	315.38	NA	2.4
S-4	03/07/2001	<500	NA	5.44	<5.00	6.49	<5.00	11,400	14,500	NA	NA	NA	NA	NA	NA	328.53	13.15	315.38	NA	2.4

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-4	06/18/2001	<1,000	NA	<10	<10	<10	<10	NA	3,500	NA	NA	NA	NA	NA	NA	328.53	13.81	314.72	NA	NA
S-4	09/17/2001	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	7,700	NA	NA	NA	NA	NA	NA	328.53	14.29	314.24	NA	NA
S-4	12/31/2001	<1,000	NA	<10	<10	<10	<10	NA	3,800	NA	NA	NA	NA	NA	NA	328.53	13.44	315.09	NA	NA
S-4	03/13/2002	<2,500	NA	<25	<25	<25	<25	NA	18,000	NA	NA	NA	NA	NA	NA	328.53	15.19	313.34	NA	NA
S-4	06/18/2002	<100	NA	1.1	<1.0	<1.0	<1.0	NA	530	NA	NA	NA	NA	NA	NA	328.11	14.32	313.79	NA	NA
S-4	09/27/2002	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	1,100	NA	NA	NA	NA	NA	NA	328.11	13.50	314.61	NA	NA
S-4	12/27/2002	280	NA	3.5	<2.5	17	4.7	NA	390	<2.5	<2.5	<5.0	9,000	<2.5	NA	328.11	14.56	313.55	NA	NA
S-4	03/24/2003	<2,500	NA	<25	<25	<25	<50	NA	780	NA	NA	NA	18,000	NA	NA	328.11	13.20	314.91	NA	NA
S-4	05/09/2003	<2,500	NA	<25	<25	<25	<50	NA	1,200	NA	NA	NA	8,700	NA	NA	328.11	20.87	307.24	NA	NA
S-4	07/08/2003	<2,500	NA	<25	<25	<25	<50	NA	1,700	NA	NA	NA	11,000	NA	NA	328.11	16.15	311.96	NA	NA
S-4	10/15/2003	<2,500	NA	<25	<25	<25	<50	NA	280	NA	NA	NA	9,600	NA	NA	328.11	21.64	306.47	NA	NA
S-4	01/06/2004	3,500	NA	<5.0	19	190	570	NA	58	NA	NA	NA	9,900	NA	NA	328.11	20.89	307.22	NA	NA
S-4	04/07/2004	<1,000	NA	<10	<10	<10	<20	NA	110	NA	NA	NA	10,000	NA	<1,000	328.11	20.78	307.33	NA	NA
S-4	07/27/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	5,600	NA	<1,000	328.11	20.53	307.58	NA	NA
S-4	10/29/2004	<1,000	NA	<10	<10	<10	<20	NA	110	<40	<40	<40	6,500	NA	NA	328.11	20.44	307.67	NA	NA
S-4	01/06/2005	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	6,000	NA	<25	328.11	18.60	309.51	NA	NA
S-4	04/14/2005	<250	NA	<2.5	<2.5	3.1	<2.5	NA	120	<2.5	<2.5	<2.5	6,000	NA	<250	328.11	21.03	307.08	NA	NA
S-4	07/29/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	4.4	<10	<10	<10	3,100	NA	<250	328.11	21.62	306.49	NA	NA
S-4	10/20/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	<2.5	<10	<10	<10	2,700	NA	<250	328.11	21.10	307.01	NA	NA
S-4	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.950	<0.500	<0.500	<0.500	723	NA	<50.0	328.11	13.24	314.87	NA	NA
S-4	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	79.4	<0.500	<0.500	<0.500	1,310	NA	<50.0	328.11	13.45	314.66	NA	NA
S-4	07/12/2006	<50.0	NA	4.42	<0.500	29.1	36.5	NA	230	<0.500	<0.500	0.930	1,530	NA	<50.0	328.11	13.63	314.48	NA	NA
S-4	10/20/2006	1,150	NA	5.30	0.990	41.5	2.79	NA	208	<0.500	<0.500	<0.500	2,160	NA	<50.0	328.11	14.32	313.79	NA	NA
S-4	01/22/2007	550	NA	4.8	<2.5	30	<5.0	NA	130	<5.0	<5.0	<5.0	3,000	NA	<750	328.11	14.32	313.79	NA	NA
S-5	02/14/1988	1,000	NA	40	86	180	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	10/13/1988	560	NA	66	20	18	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	01/31/1989	180	NA	27	8	9	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	03/07/1989	3,800	NA	520	530	260	570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	06/26/1989	<50	NA	3.8	<1	2	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	09/08/1989	110	NA	25	2	2	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	12/14/1989	1,700	NA	300	86	67	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**3790 Hopyard Road**  
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S-5	03/05/1990	1,100	NA	100	110	79	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	06/14/1990	600	NA	94	36	40	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	10/02/1990	4,500	NA	1,400	180	260	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	11/20/1990	16,000	NA	4,600	720	790	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	12/18/1990	25,000	NA	7,600	1,100	1,300	2,300	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	03/20/1991	310	NA	39	12	18	30	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	06/26/1991	1,300	NA	250	62	120	180	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	09/05/1991	4,700	NA	660	150	170	280	NA	NA	NA	NA	NA	NA	NA	NA	329.66	17.48	312.18	NA	NA
S-5	12/13/1991	1,400	NA	580	19	110	80	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.22	313.44	NA	NA
S-5	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	329.66	17.47	312.19	NA	NA
S-5	06/24/1992	1,800	NA	380	52	120	180	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.84	312.82	NA	NA
S-5	09/17/1992	2,200	NA	750	91	170	170	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.37	313.29	NA	NA
S-5	12/11/1992	8,700	NA	1,600	66	48	340	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	02/04/1993	150	NA	156	0.7	4.7	4	NA	NA	NA	NA	NA	NA	NA	NA	329.66	NA	NA	NA	NA
S-5	06/03/1993	480	NA	140	3.4	17	14	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.20	313.46	NA	NA
S-5	09/15/1993	80	NA	2.4	0.5	1.4	2.9	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.26	313.40	NA	NA
S-5	12/09/1993	120	NA	0.56	<0.5	2.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.25	313.41	NA	NA
S-5	03/04/1994	70	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	16.04	313.62	NA	NA
S-5	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	11.52	318.14	NA	NA
S-5	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	14.50	315.16	NA	NA
S-5	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	329.66	12.53	317.13	NA	NA
S-5	06/12/1996	<500	NA	6	<5.0	<5.0	<5.0	1,400	NA	NA	NA	NA	NA	NA	NA	329.66	15.34	314.32	NA	1.1
S-5	06/25/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	1,100	NA	NA	NA	NA	NA	NA	NA	329.66	13.71	315.95	NA	3.6
S-5	06/19/1998	<50	NA	1	<0.50	<0.50	<0.50	61	NA	NA	NA	NA	NA	NA	NA	329.66	13.56	316.10	NA	1.4
S-5	06/17/1999	<50.0	NA	1.44	<0.500	<0.500	<0.500	336	NA	NA	NA	NA	NA	NA	NA	329.66	15.00	314.66	NA	2.7
S-5	06/15/2000	<50.0	NA	0.820	<0.500	<0.500	<0.500	221	NA	NA	NA	NA	NA	NA	NA	329.66	16.29	313.37	NA	0.7
S-5	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	183	NA	NA	NA	NA	NA	NA	NA	329.66	15.49	314.17	NA	2.5
S-5	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.55	NA	NA	NA	NA	NA	NA	NA	329.66	15.50	314.16	NA	NA
S-5	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	11	NA	NA	NA	NA	NA	NA	329.66	16.35	313.31	NA	NA
S-5	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	NA	NA	329.66	12.80	316.86	NA	NA
S-5	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	329.66	16.32	313.34	NA	NA
S-5	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	93	NA	NA	NA	NA	NA	NA	329.66	16.32	313.34	NA	NA

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S-5	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	329.66	17.00	312.66	NA	NA
S-5	09/27/2002	<50	NA	0.88	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	NA	NA	329.36	16.34	313.02	NA	NA
S-5	12/27/2002	<50	NA	1.9	<0.50	<0.50	<0.50	NA	87	<2.0	<2.0	<2.0	<50	<2.0	NA	329.36	15.45	313.91	NA	NA
S-5	03/24/2003	<250	NA	2.5	<2.5	<2.5	<5.0	NA	220	NA	NA	NA	NA	NA	NA	329.36	16.70	312.66	NA	NA
S-5	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	17	NA	NA	329.36	13.16	316.20	NA	NA
S-5	07/08/2003	<1,000	NA	<10	<10	<10	<20	NA	320	NA	NA	NA	<100	NA	NA	329.36	19.00	310.36	NA	NA
S-5	10/15/2003	1,400 e	NA	27	<2.5	<2.5	<5.0	NA	180	NA	NA	NA	51	NA	NA	329.36	19.08	310.28	NA	NA
S-5	01/06/2004	84,000	NA	1,400	1,200	<25	17,000	NA	140	NA	NA	NA	<250	NA	NA	329.36	20.81	308.39	NA	NA
S-5	04/07/2004	20,000	NA	70	<25	230	290	NA	66	NA	NA	NA	<250	NA	NA	329.36	20.81	308.55	0.04	NA
S-5	07/27/2004	9,900	NA	46	<25	74	<50	NA	43	<100	<100	<100	<250	NA	<2,500	329.36	20.93	308.46	0.09	NA
S-5	08/04/2004	22,000	NA	48	<10	63	38	NA	NA	NA	NA	NA	<250	NA	<2,500	329.36	20.97	308.46	NA	NA
S-5	10/29/2004	14,000	NA	93	<25	96	94	NA	<25	<100	<100	<100	<250	NA	<2,500	329.36	20.93	308.46	NA	NA
S-5	01/06/2005	4,500	NA	32	<10	47	86	NA	<10	<40	<40	<40	<100	NA	NA	329.36	20.93	308.46	NA	NA
S-5	04/14/2005	1,700	NA	1.0	<0.50	8.4	16	NA	5.6	<0.50	<0.50	<0.50	8.1	NA	<5.0	329.36	18.59	310.77	NA	NA
S-5	07/29/2005	3,900	NA	8.9	<2.5	9.8	13	NA	21	<10	<10	<40	<200	NA	<1,000	329.36	18.83	310.53	NA	NA
S-5	10/20/2005	3,300	NA	27	<2.5	9.1	14	NA	6.0	<10	<10	<10	32	NA	<250	329.36	15.03	314.33	NA	NA
S-5	11/11/2005	2,300	NA	54	0.69	15	19	NA	8.3	NA	NA	NA	<5.0	NA	NA	329.36	19.71	309.65	NA	NA
S-5	01/26/2006	6,680	NA	43.6	4.93	38.2	89.1	NA	8.38	<0.500	<0.500	<0.500	<10.0	NA	<50.0	329.36	21.90	307.46	NA	NA
S-5	04/24/2006	1,930	NA	1.43	<0.500	<0.500	12.1	NA	2.76	<0.500	<0.500	<0.500	<10.0	NA	<50.0	329.36	22.17	307.19	NA	NA
S-5	07/12/2006	<50.0	NA	4.24	<0.500	25.8	44.8	NA	6.43	<0.500	<0.500	<0.500	35.3	NA	<50.0	329.36	20.85	308.51	NA	NA
S-5	10/20/2006	2,890	NA	17.5	0.760	55.1	106	NA	3.78	<0.500	<0.500	<0.500	<10.0	NA	<50.0	329.36	14.40	314.96	NA	NA
S-5	01/22/2007	1,600	NA	7.3	0.54	35	60	NA	0.73 i	<1.0	<1.0	<1.0	<10	NA	<150	329.36	15.55	313.81	NA	NA
S-5B	11/08/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	332.25	43.71	288.54	NA	NA
S-5B	11/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.5	NA	NA	NA	15	NA	NA	332.25	43.79	288.46	NA	NA
S-5B	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.63	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.25	38.21	294.04	NA	NA
S-5B	04/24/2006	<50.0	NA	0.540	1.18	<0.500	<0.500	NA	1.88	<0.500	<0.500	<0.500	12.2	NA	<50.0	332.25	30.68	301.57	NA	NA
S-5B	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.63	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.25	30.05	302.20	NA	NA
S-5B	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.04	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.25	31.60	300.65	NA	NA
S-5B	01/22/2007	<50	NA	0.33 i	0.36 i	0.27 i	<1.0	NA	0.90 i	<1.0	<1.0	<1.0	<10	NA	<150	332.25	27.79	304.46	NA	NA
S-5C	11/08/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	332.33	43.69	288.64	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-5C	11/11/2005	55	NA	<0.50	0.67	<0.50	<1.0	NA	0.87	NA	NA	NA	<5.0	NA	NA	332.33	43.65	288.68	NA	NA
S-5C	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.91	<0.500	<0.500	<0.500	41.2	NA	<50.0	332.33	38.11	294.22	NA	NA
S-5C	04/24/2006	<50.0	NA	0.740	<0.500	<0.500	<0.500	NA	1.93	<0.500	<0.500	<0.500	17.8	NA	<50.0	332.33	30.61	301.72	NA	NA
S-5C	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.42	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.33	30.07	302.26	NA	NA
S-5C	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	332.33	31.67	300.66	NA	NA
S-5C	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<1.0	<1.0	<1.0	<1.0	9.0 h,i	NA	<150	332.33	27.90	304.43	NA	NA
S-6	10/13/1988	1100	NA	13.0	1	42	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	01/31/1989	340	NA	3.8	<1	8	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	03/07/1989	190	NA	3.8	<1	7	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	06/26/1989	480	NA	15	<1	6	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	09/08/1989	270	NA	1.3	1	7	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	12/15/1989	320	NA	1.0	<0.5	2.6	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	03/06/1990	420	NA	3.1	<0.5	14	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	06/14/1990	370	NA	3.7	0.9	4.8	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	10/02/1990	190	NA	6.6	1.6	1.9	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	12/18/1990	430	NA	10	0.7	1.6	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	03/20/1991	130a	NA	606	0.6	0.7	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	06/26/1991	120a	NA	3.8	0.8	<0.5	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	09/05/1991	60	NA	<0.5	0.8	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	15.11	312.51	NA
S-6	12/13/1991	150	NA	2.3	<0.5	<0.5	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	16.35	311.27	NA
S-6	03/11/1992	<30	NA	<0.3	<0.3	<0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	16.51	311.11	NA
S-6	03/11/1992	<30	NA	<0.3	<0.3	<0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.33	313.29	NA
S-6	06/24/1992	170	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.48	313.14	NA
S-6	09/17/1992	190	NA	<0.5	1.6	<0.5	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	12/11/1992	180	NA	<0.5	0.8	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	02/04/1993	290	NA	<0.5	<0.5	<0.5	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	NA	NA	NA
S-6	06/03/1993	100	NA	1.2	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.16	313.46	NA
S-6	09/15/1993	160	NA	1.4	<0.5	0.9	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.68	312.94	NA
S-6	12/09/1993	130	NA	2.3	2.6	5.1	6.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.42	313.20	NA
S-6	03/04/1994	220	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.92	312.70	NA
S-6	06/16/1994	60	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.72	312.90	NA
S-6	09/13/1994	<50	NA	<0.5	6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.62	14.72	312.90	NA

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**Shell-branded Service Station**  
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**Pleasanton, CA**

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S-6	06/21/1995	270	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.62	13.86	313.76	NA	NA
S-6	06/12/1996	200	NA	2	<0.5	<0.5	<0.5	12	NA	NA	NA	NA	NA	NA	NA	327.62	13.90	313.72	NA	NA
S-6	06/25/1997	180	NA	<0.50	0.61	<0.50	0.77	28	NA	NA	NA	NA	NA	NA	NA	327.62	13.64	313.98	NA	1.8
S-6	06/25/1997	130	NA	<0.50	<0.50	<0.50	<0.50	21	NA	NA	NA	NA	NA	NA	NA	327.62	13.81	313.81	NA	1.7
S-6 (D)	06/25/1997	130	NA	<0.50	<0.50	<0.50	<0.50	27	NA	NA	NA	NA	NA	NA	NA	327.62	14.21	313.41	NA	1.6
S-6	06/19/1998	100	NA	7.6	<0.50	<0.50	<0.50	19.9	NA	NA	NA	NA	NA	NA	NA	327.62	14.51	313.11	NA	1.8
S-6	06/17/1999	114	NA	4.14	<0.500	<0.500	<0.500	1,050	NA	NA	NA	NA	NA	NA	NA	327.62	14.32	313.30	NA	2.1
S-6	06/15/2000	367	NA	17.5	<0.500	<0.500	<0.500	5,470	NA	NA	NA	NA	NA	NA	NA	327.62	15.39	312.23	NA	1.7
S-6	11/29/2000	154	NA	0.754	16.4	<0.500	1.05	6,830	NA	NA	NA	NA	NA	NA	NA	327.62	14.72	312.90	NA	NA
S-6	03/07/2001	183	NA	0.971	25.1	0.636	0.996	8,200	NA	NA	NA	NA	NA	NA	NA	327.62	16.69	310.93	NA	NA
S-6	06/18/2001	<2,000	NA	<20	<20	<20	<20	NA	8,200	NA	NA	NA	NA	NA	NA	327.62	16.69	310.93	NA	NA
S-6	09/17/2001 c	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.7	<2.0	<2.0	<2.0	<50	NA	<500	327.62	13.99	313.63	NA	NA
S-6	12/31/2001	260	NA	<0.50	<0.50	<0.50	<0.50	NA	11,000	NA	NA	NA	NA	NA	NA	327.62	15.10	312.52	NA	NA
S-6	03/13/2002	440	NA	<2.5	<2.5	<2.5	<2.5	NA	930	NA	NA	NA	NA	NA	NA	327.62	15.24	312.38	NA	NA
S-6	06/18/2002	340	NA	<1.0	<1.0	<1.0	<1.0	NA	560	NA	NA	NA	NA	NA	NA	327.26	14.34	312.92	NA	NA
S-6	09/27/2002	<250	NA	<2.5	<2.5	<2.5	<2.5	NA	580	NA	NA	NA	NA	NA	NA	327.26	14.30	312.96	NA	NA
S-6	12/27/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	230	<5.0	<5.0	<5.0	10,000	<5.0	NA	327.26	14.37	312.89	NA	NA
S-6	03/24/2003	<5,000	NA	<50	<50	<50	<100	NA	<500	NA	NA	NA	NA	NA	NA	327.26	14.25	313.01	NA	NA
S-6	05/09/2003	<2,500	NA	<25	<25	<25	<50	NA	140	NA	NA	NA	12,000	NA	NA	327.26	15.37	311.89	NA	NA
S-6	07/08/2003	<2,500	NA	<25	<25	<25	<50	NA	100	NA	NA	NA	8,400	NA	NA	327.26	17.69	309.57	NA	NA
S-6	10/15/2003	<1,000	NA	<10	<10	<10	<20	NA	63	NA	NA	NA	10,000	NA	NA	327.26	17.19	310.07	NA	NA
S-6	01/06/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	27	NA	NA	NA	7,600	NA	NA	327.26	16.72	310.54	NA	NA
S-6	04/07/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	15	NA	NA	NA	2,900	NA	NA	327.26	16.90	310.36	NA	NA
S-6	07/27/2004	860 e	NA	<5.0	<5.0	<5.0	<10	NA	30	<20	<20	<20	5,700	NA	<500	327.26	16.68	310.58	NA	NA
S-6	10/29/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	14	<20	<20	<20	2,500	NA	<500	327.26	16.75	310.51	NA	NA
S-6	01/06/2005	<200	NA	<2.0	<2.0	<2.0	<4.0	NA	8.7	<8.0	<8.0	<8.0	1,200	NA	NA	327.26	15.30	311.96	NA	NA
S-6	04/14/2005	180	NA	<0.90	<0.90	<0.90	<0.90	NA	11	<0.90	<0.90	<0.90	2,300	NA	<9.0	327.26	16.77	310.49	NA	NA
S-6	07/29/2005	270 g	NA	<2.5	<2.5	<2.5	<5.0	NA	17	<10	<10	<10	2,300	NA	<250	327.26	17.30	309.96	NA	NA
S-6	10/20/2005	570	NA	<2.5	<2.5	<2.5	<5.0	NA	7.1	<10	<10	<10	1,200	NA	<250	327.26	17.00	310.26	NA	NA
S-6	01/26/2006	808	NA	<0.500	<0.500	<0.500	<0.500	NA	5.07	<0.500	<0.500	<0.500	473	NA	<50.0	327.26	15.42	311.84	NA	NA
S-6	04/24/2006	303	NA	<0.500	<0.500	<0.500	<0.500	NA	4.03	<0.500	<0.500	<0.500	212	NA	<50.0	327.26	15.15	312.11	NA	NA
S-6	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	13.3	<0.500	<0.500	<0.500	609	NA	<50.0	327.26	13.98	313.28	NA	NA
S-6	10/20/2006	850	NA	<0.500	<0.500	<0.500	<0.500	NA	26.4	<0.500	<0.500	<0.500	1,050	NA	<50.0	327.26	13.98	313.28	NA	NA

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S-6	01/22/2007	620	NA	<2.0	<2.0	<2.0	<4.0	NA	30	<4.0	<4.0	<4.0	2,000	NA	<600	327.26	14.14	313.12	NA	NA
S-7	10/13/1988	<50	NA	0.6	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	01/31/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	03/07/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	06/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	09/08/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	12/15/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	03/06/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	06/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	10/02/1990	<50	NA	<0.5	0.6	<0.5	0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	12/18/1990	<50	NA	0.5	<0.5	<0.5	0.86	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	03/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	09/05/1991	<50	NA	<0.5	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.70	310.97	NA	NA
S-7	12/13/1991	<50	NA	<0.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.06	311.61	NA	NA
S-7	03/11/1992	<50	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.80	310.87	NA	NA
S-7	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.00	311.67	NA	NA
S-7	09/17/1992	<50	NA	0.6	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	17.35	311.32	NA	NA
S-7	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.65	312.02	NA	NA
S-7	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	NA	NA	NA	NA
S-7	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.83	311.84	NA	NA
S-7	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.67	15.88	312.79	NA	NA
S-7	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.67	16.22	312.45	NA	NA
S-7	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	16.12	312.55	NA	3
S-7	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	14.81	313.86	NA	2.6
S-7	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	328.67	15.91	312.76	NA	5.1
S-7	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	328.67	16.14	312.53	NA	2.0
S-7	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.32	NA	NA	NA	NA	NA	NA	NA	328.67	16.89	311.78	NA	3.6
S-7	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	328.67	16.89	311.78	NA	3.6

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S-7	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	328.67	16.55	312.12	NA	2.1
S-7	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	2.5	NA	NA	NA	NA	NA	NA	328.67	16.30	312.37	NA	NA
S-7	09/17/2001 c	150	NA	<0.50	55	<0.50	<0.50	NA	8,300	NA	NA	NA	NA	NA	NA	328.67	14.23	314.44	NA	NA
S-7	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	328.67	17.41	311.26	NA	NA
S-7	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.9	NA	NA	NA	NA	NA	NA	328.67	17.63	311.04	NA	NA
S-7	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	12	NA	NA	NA	NA	NA	NA	328.41	16.96	311.45	NA	NA
S-7	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	10	NA	NA	NA	NA	NA	NA	328.41	16.00	312.41	NA	NA
S-7	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	22	<2.0	<2.0	<2.0	<50	4.1	NA	328.41	17.12	311.29	NA	NA
S-7	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	NA	NA	NA	328.41	16.14	312.27	NA	NA
S-7	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	7.3	NA	NA	328.41	17.42	310.99	NA	NA
S-7	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	36	NA	NA	NA	6.5	NA	NA	328.41	15.49	312.92	NA	NA
S-7	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	NA	NA	NA	<5.0	NA	NA	328.41	18.93	309.48	NA	NA
S-7	01/06/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	200	NA	NA	NA	20	NA	NA	328.41	18.93	309.48	NA	NA
S-7	04/07/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	380	NA	NA	NA	130	NA	<250	328.41	18.91	309.50	NA	NA
S-7	07/27/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	240	<10	<10	<10	45	NA	<250	328.41	18.65	309.76	NA	NA
S-7	10/29/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	270	<10	<10	<10	52	NA	NA	328.41	18.52	309.89	NA	NA
S-7	01/06/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	160	<10	<10	<10	<25	NA	NA	328.41	16.22	312.19	NA	NA
S-7	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	230	<0.50	<0.50	<0.50	130	NA	<5.0	328.41	18.57	309.84	NA	NA
S-7	07/29/2005	<2,000	NA	<20	<20	<20	<40	NA	170	<80	<80	<80	<200	NA	<2,000	328.41	19.25	309.16	NA	NA
S-7	10/20/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	180	<4.0	<4.0	<4.0	32	NA	<100	328.41	19.05	309.36	NA	NA
S-7	01/26/2006	75.9	NA	<0.500	<0.500	<0.500	<0.500	NA	172	<0.500	<0.500	<0.500	65.1	NA	<50.0	328.41	16.91	311.50	NA	NA
S-7	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	199	<0.500	<0.500	<0.500	22.6	NA	<50.0	328.41	16.42	311.99	NA	NA
S-7	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	122	<0.500	<0.500	<0.500	<10.0	NA	<50.0	328.41	16.66	311.75	NA	NA
S-7	10/20/2006	176	NA	<0.500	<0.500	<0.500	0.720	NA	73.5	<0.500	<0.500	<0.500	<10.0	NA	<50.0	328.41	17.24	311.17	NA	NA
S-7	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	62	<1.0	<1.0	<1.0	6.2 h,i	NA	<150	328.41	17.24	311.17	NA	NA
S-8	03/07/1989	<50	NA	1.2	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	06/26/1989	<50	NA	0.8	1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	09/08/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	12/14/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	03/05/1990	<50	NA	<0.5	0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	06/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA



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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	10/02/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	12/18/1990	<50	NA	2.9	7.0	1.0	6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	03/20/1991	<50a	NA	0.8	1.8	2.6	5.2	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.73	311.27	NA	NA
S-8	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.64	312.36	NA	NA
S-8	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.77	311.23	NA	NA
S-8	06/24/1992	<50	NA	1.4	1.9	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.37	311.63	NA	NA
S-8	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.94	312.06	NA	NA
S-8	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.91	312.09	NA	NA
S-8	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.16	313.08	NA	NA
S-8	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.11	312.89	NA	NA
S-8	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.20	312.80	NA	NA
S-8	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	14.42	312.58	NA	0.5
S-8	06/25/1997	170	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	13.49	313.51	NA	2.2
S-8	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	327.00	14.07	312.93	NA	0.9
S-8	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	06/15/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.43	312.57	NA	NA
S-8	06/21/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	21.0	NA	NA	NA	NA	NA	NA	NA	327.00	14.44	312.56	NA	2.2
S-8	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	9.46	NA	NA	NA	NA	NA	NA	NA	327.00	13.69	313.31	NA	2.1
S-8	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	4.21	NA	NA	NA	NA	NA	NA	NA	327.00	14.60	312.40	NA	NA
S-8	06/18/2001	<50	NA	0.55	0.92	<0.50	0.51	NA	13	NA	NA	NA	NA	NA	NA	327.00	15.07	311.93	NA	NA
S-8	09/17/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	NA	NA	NA	NA
S-8	09/18/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	14.02	312.98	NA	NA
S-8	12/31/2001	<50	NA	1.1	1.4	<0.50	<0.50	NA	8.4	NA	NA	NA	NA	NA	NA	327.00	14.92	312.08	NA	NA
S-8	03/13/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.00	15.37	311.63	NA	NA
S-8	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	NA	NA	326.14	14.60	311.54	NA	NA
S-8	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	NA	NA	326.14	NA	NA	NA	NA
S-8	12/27/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	01/07/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.14	NA	NA	NA	NA
S-8	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	NA	NA	NA	326.14	14.58	311.56	NA	NA
S-8	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	<5.0	NA	NA	326.14	13.45	312.69	NA	NA
S-8	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	46	NA	NA	NA	<5.0	NA	NA	326.14	15.19	310.95	NA	NA
S-8	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	42	NA	NA	NA	<5.0	NA	NA	326.14	16.58	309.56	NA	NA
S-8	01/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	50	NA	NA	NA	<5.0	NA	NA	326.14	16.27	309.87	NA	NA
S-8	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	33	NA	NA	NA	<5.0	NA	NA	326.14	16.12	310.02	NA	NA
S-8	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	18	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	16.26	309.88	NA	NA
S-8	07/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	15.93	310.21	NA	NA
S-8	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	21	<2.0	<2.0	<2.0	<5.0	NA	NA	326.14	15.79	310.35	NA	NA
S-8	01/06/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<0.50	<0.50	<0.50	<5.0	NA	<5.0	326.14	14.78	311.36	NA	NA
S-8	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	11	<2.0	<2.0	<2.0	<5.0	NA	<5.0	326.14	16.51	309.63	NA	NA
S-8	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	13	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	17.38	308.76	NA	NA
S-8	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	17.38	308.76	NA	NA
S-8	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	<5.0	NA	<50	326.14	16.55	309.59	NA	NA
S-8	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.65	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.18	311.96	NA	NA
S-8	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	5.94	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.18	311.96	NA	NA
S-8	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	5.94	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.52	311.62	NA	NA
S-8	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	7.00	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.30	311.84	NA	NA
S-8	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	8.54	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	14.30	311.84	NA	NA
S-8	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	8.54	<0.500	<0.500	<0.500	<10.0	NA	<50.0	326.14	15.07	311.07	NA	NA
S-8	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<1.0	<1.0	<1.0	<10	NA	<150	326.14	15.07	311.07	NA	NA
S-9	03/07/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	06/26/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	09/08/1989	<50	NA	1.7	2	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/15/1989	<50	NA	0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	03/06/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	06/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	10/02/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/18/1990	<50	NA	20	27	7.1	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	03/07/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	06/26/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	09/08/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/15/1989	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	03/06/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**WELL CONCENTRATIONS**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	06/14/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/02/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/18/1990	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	03/20/1991	70a	NA	0.7	0.7	<0.5	1	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	06/26/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	18.18	310.06	NA	NA
S-9	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.37	310.87	NA	NA
S-9	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	18.45	309.79	NA	NA
S-9	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.88	310.36	NA	NA
S-9	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.34	310.90	NA	NA
S-9	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	NA	NA	NA	NA
S-9	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.42	310.82	NA	NA
S-9	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	16.89	311.35	NA	NA
S-9	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.22	311.02	NA	NA
S-9	12/09/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.46	310.78	NA	NA
S-9	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.59	310.65	NA	NA
S-9	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	17.03	311.21	NA	NA
S-9	09/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	328.24	16.76	311.48	NA	NA
S-9	06/21/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	328.24	16.89	311.35	NA	1
S-9	06/12/1996	<50	NA	<0.5	<0.5	<0.50	<0.50	2.8	NA	NA	NA	NA	NA	NA	NA	328.24	15.59	312.65	NA	3.8
S-9	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	7.1	NA	NA	NA	NA	NA	NA	NA	328.24	16.47	311.77	NA	1.9
S-9	06/19/1998	<50	NA	<0.500	<0.500	<0.500	<0.500	15.3	NA	NA	NA	NA	NA	NA	NA	328.24	16.11	312.13	NA	1.1
S-9	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	57.2	NA	NA	NA	NA	NA	NA	NA	328.24	17.30	310.94	NA	1.1
S-9	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	76.5	NA	NA	NA	NA	NA	NA	NA	328.24	19.42	308.82	NA	1.1
S-9	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	84.9	NA	NA	NA	NA	NA	NA	NA	328.24	17.22	311.02	NA	NA
S-9	03/07/2001	<50.0	NA	<0.50	<0.50	<0.50	<0.50	NA	86	NA	NA	NA	NA	NA	NA	328.24	17.66	310.58	NA	NA
S-9	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	328.24	17.65	310.59	NA	NA
S-9	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	NA	NA	NA	NA	NA	328.24	17.75	310.49	NA	NA
S-9	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	NA	328.24	19.59	308.65	NA	NA
S-9	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	160	NA	NA	NA	NA	NA	NA	327.85	17.65	310.20	NA	NA
S-9	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	180	NA	NA	NA	NA	NA	NA	327.85	17.65	310.20	NA	NA
S-9	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	180	NA	NA	NA	NA	NA	NA	327.85	17.65	310.20	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	180	<2.0	<2.0	<2.0	<50	2.8	NA	327.85	18.45	309.40	NA	NA
S-9	03/24/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	230	NA	NA	NA	NA	NA	NA	327.85	17.97	309.88	NA	NA
S-9	05/09/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	240	NA	NA	NA	<25	NA	NA	327.85	17.68	310.17	NA	NA
S-9	07/08/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	<10	NA	NA	327.85	17.65	310.20	NA	NA
S-9	10/15/2003	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	210	NA	NA	NA	<10	NA	NA	327.85	19.49	308.36	NA	NA
S-9	01/06/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	290	NA	NA	NA	<10	NA	NA	327.85	20.02	307.83	NA	NA
S-9	04/07/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	250	NA	NA	NA	<10	NA	<250	327.85	19.89	307.96	NA	NA
S-9	07/27/2004	<250	NA	<2.5	9.1	2.7	9.8	NA	270	<10	<10	<10	<25	NA	<100	327.85	19.17	308.68	NA	NA
S-9	10/29/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	240	<4.0	<4.0	<4.0	<10	NA	NA	327.85	19.65	308.20	NA	NA
S-9	01/06/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	340	<10	<10	<10	<25	NA	<5.0	327.85	17.38	310.47	NA	NA
S-9	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	250	<0.50	<0.50	1.4	<5.0	NA	<100	327.85	20.09	307.76	NA	NA
S-9	07/29/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	250	<4.0	<4.0	<4.0	<10	NA	<100	327.85	21.89	305.96	NA	NA
S-9	10/20/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	200	<4.0	<4.0	<4.0	<10	NA	NA	327.85	20.41	307.44	NA	NA
S-9	11/11/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	220	NA	NA	NA	25	NA	<50.0	327.85	20.56	307.29	NA	NA
S-9	01/26/2006	55.7	NA	<0.500	<0.500	<0.500	<0.500	NA	174	<0.500	<0.500	2.50	<10.0	NA	<50.0	327.85	18.39	309.46	NA	NA
S-9	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	202	<0.500	<0.500	2.29	<10.0	NA	<50.0	327.85	18.60	309.25	NA	NA
S-9	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	158.00	<0.500	<0.500	2.06	<10.0	NA	<50.0	327.85	18.75	309.10	NA	NA
S-9	10/20/2006	212	NA	<0.500	<0.500	<0.500	<0.500	NA	151	<0.500	<0.500	1.25	<10.0	NA	<50.0	327.85	17.92	309.93	NA	NA
S-9	01/22/2007	82 j	NA	<0.50	<0.50	<0.50	<1.0	NA	150	<1.0	<1.0	1.4	20 h	NA	<150	327.85	17.92	309.93	NA	NA
S-9B	11/08/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.47	43.12	287.35	NA	NA
S-9B	11/11/2005	<50	NA	<0.50	2.0	<0.50	<1.0	NA	23	NA	NA	NA	<5.0	NA	NA	330.47	45.25	285.22	NA	NA
S-9B	01/26/2006	<50.0	NA	<0.500	1.68	<0.500	<0.500	NA	20.6	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	38.19	292.28	NA	NA
S-9B	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	10.5	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	30.31	300.16	NA	NA
S-9B	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	4.98	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	29.01	301.46	NA	NA
S-9B	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	5.89	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.47	31.25	299.22	NA	NA
S-9B	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.9	<1.0	<1.0	<1.0	<10	NA	<150	330.47	26.78	303.69	NA	NA
S-9C	11/08/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330.77	40.80	289.97	NA	NA
S-9C	11/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	10	NA	NA	NA	<5.0	NA	NA	330.77	42.87	287.90	NA	NA
S-9C	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	7.05	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	37.40	293.37	NA	NA
S-9C	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	4.86	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	28.04	302.73	NA	NA

**WELL CONCENTRATIONS**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9C	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	1.94	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	28.96	301.81	NA	NA
S-9C	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.06	<0.500	<0.500	<0.500	<10.0	NA	<50.0	330.77	30.47	300.30	NA	NA
S-9C	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.64 i	<1.0	<1.0	<1.0	<10	NA	<150	330.77	26.52	304.25	NA	NA
S-10	08/11/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	09/08/1989	<50	NA	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	12/15/1989	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	03/06/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	06/14/1990	<50	NA	<0.5	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	10/02/1990	<50	NA	<0.5	<0.5	<0.5	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	12/18/1990	<50	NA	<0.5	<0.5	<0.5	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	03/20/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	06/26/1991	50	NA	1.8	5.8	1.9	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	09/05/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.77	311.78	NA
S-10	12/13/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.16	312.39	NA
S-10	03/11/1992	<30	NA	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	14.83	311.72	NA
S-10	06/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.85	312.70	NA
S-10	09/17/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.90	312.65	NA
S-10	12/11/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	02/04/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	06/03/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.66	312.89	NA
S-10	09/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	NA	NA	NA
S-10	12/09/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.84	312.71	NA
S-10	09/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.08	313.47	NA
S-10	06/21/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.34	313.21	NA
S-10	06/12/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.28	313.27	NA
S-10	06/25/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	2.8	NA	NA	NA	NA	NA	NA	NA	NA	326.55	12.41	314.14	NA
S-10	06/19/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	326.55	12.81	313.74	NA
S-10	06/17/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.27	313.28	NA
S-10	06/15/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.98	312.57	NA
S-10	11/29/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.40	313.15	NA
S-10	03/07/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	326.55	13.40	313.15	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	
S-10	06/18/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	3.7	NA	NA	NA	NA	NA	NA	326.55	13.29	313.26	NA	NA	
S-10	09/17/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	13.61	312.94	NA	NA	
S-10	12/31/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	13.48	313.07	NA	NA	
S-10	03/13/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	326.55	14.66	311.89	NA	NA	
S-10	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	325.87	13.21	312.66	NA	NA	
S-10	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0	NA	325.87	13.50	312.37	NA	NA	
S-10	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	325.87	16.60	309.27	NA	NA	
S-10	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	325.87	14.10	311.77	NA	NA	
S-10	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	NA	325.87	14.75	311.12	NA	NA	
S-10	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.69	NA	NA	NA	<5.0	NA	NA	325.87	15.28	310.59	NA	NA	
S-10	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.51	NA	NA	NA	<5.0	NA	NA	325.87	15.39	310.48	NA	NA	
S-10	01/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	<50	325.87	15.25	310.62	NA	NA	
S-10	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	325.87	15.23	310.64	NA	NA	
S-10	07/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	325.87	15.47	310.40	NA	NA	
S-10	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<5.0	325.87	13.24	312.63	NA	NA	
S-10	01/06/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	NA	<50	325.87	15.08	310.79	NA	NA	
S-10	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50	325.87	15.45	310.42	NA	NA	
S-10	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	<50.0	325.87	14.85	311.02	NA	NA	
S-10	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<0.50	<0.50	<0.50	<10.0	NA	<50.0	325.87	13.90	311.97	NA	NA	
S-10	01/26/2006	<50.0	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<10.0	NA	<50.0	325.87	13.00	312.87	NA	NA	
S-10	04/24/2006	<50.0	NA	<0.50	<0.50	<0.50	<1.50	NA	<0.50	<0.50	<0.50	<0.50	<10.0	NA	<50.0	325.87	13.15	312.72	NA	NA	
S-10	07/12/2006	<50.0	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<10.0	NA	<50.0	325.87	13.15	312.72	NA	NA	
S-10	10/20/2006	<50.0	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<10.0	NA	<50.0	325.87	14.45	311.42	NA	NA	
S-10	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<10	NA	<150	325.87	14.45	311.42	NA	NA	
S-11	09/23/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.93	NA	NA	NA
S-11	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	NA	<5.0	<2.0	<2.0	<2.0	<50	<2.0	NA	327.48	16.40	311.08	NA	NA
S-11	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	327.48	17.25	310.23	NA	NA
S-11	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.54	NA	NA	NA	<5.0	NA	NA	NA	327.48	16.37	311.11	NA	NA
S-11	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	327.48	17.17	310.31	NA	NA
S-11	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	327.48	18.01	309.47	NA	NA
S-11	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	NA	NA	327.48	18.01	309.47	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-11	01/06/2004	<50	NA	<0.50	1.4	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	327.48	18.25	309.23	NA	NA
S-11	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	<5.0	NA	NA	327.48	18.48	309.00	NA	NA
S-11	07/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.3	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	18.49	308.99	NA	NA
S-11	10/29/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.7	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	18.22	309.26	NA	NA
S-11	01/06/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	15	<2.0	<2.0	<2.0	<5.0	NA	NA	327.48	18.07	309.41	NA	NA
S-11	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	10	<0.50	<0.50	<0.50	<5.0	NA	<5.0	327.48	16.28	311.20	NA	NA
S-11	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	19	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	17.98	309.50	NA	NA
S-11	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	24	<2.0	<2.0	<2.0	<5.0	NA	<50	327.48	18.45	309.03	NA	NA
S-11	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	27.7	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	18.50	308.98	NA	NA
S-11	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	41.0	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	16.61	310.87	NA	NA
S-11	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	33.3	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	16.44	311.04	NA	NA
S-11	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	38.2	<0.500	<0.500	<0.500	<10.0	NA	<50.0	327.48	16.61	310.87	NA	NA
S-11	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	61	<1.0	<1.0	<1.0	6.1 h,i	NA	<150	327.48	17.27	310.21	NA	NA

S-12	09/23/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.74	NA	NA	NA
S-12	09/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	17.95	NA	NA	NA
S-12	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	<2.0	<2.0	<2.0	<50	<2.0	NA	322.76	16.92	305.84	NA	NA
S-12	03/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	322.76	16.53	306.23	NA	NA
S-12	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.5	NA	NA	NA	<5.0	NA	NA	322.76	17.73	305.03	NA	NA
S-12	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	<5.0	NA	NA	322.76	17.18	305.58	NA	NA
S-12	10/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	322.76	17.54	305.22	NA	NA
S-12	01/06/2004	<50	NA	<0.50	1.1	<0.50	<1.0	NA	1.1	NA	NA	NA	<5.0	NA	NA	322.76	17.45	305.31	NA	NA
S-12	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.76	NA	NA	NA	<5.0	NA	NA	322.76	16.85	305.91	NA	NA
S-12	07/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.65	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	17.89	304.87	NA	NA
S-12	10/29/2004	<50 f	NA	<0.50	<0.50	<0.50	<1.0	NA	1.3	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	17.84	304.92	NA	NA
S-12	01/06/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	322.76	NA	NA	NA	NA
S-12	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	0.79	<0.50	<0.50	<0.50	<5.0	NA	<5.0	322.76	15.98	306.78	NA	NA
S-12	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.69	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	17.32	305.44	NA	NA
S-12	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.66	<2.0	<2.0	<2.0	<5.0	NA	<50	322.76	16.58	306.18	NA	NA
S-12	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	15.94	306.82	NA	NA
S-12	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.740	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	17.31	305.45	NA	NA
S-12	07/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	16.70	306.06	NA	NA

**WELL CONCENTRATIONS**  
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	
S-12	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.520	<0.500	<0.500	<0.500	<10.0	NA	<50.0	322.76	17.63	305.13	NA	NA	
S-12	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.70 i	<1.0	<1.0	<1.0	<10	NA	<150	322.76	17.05	305.71	NA	NA	
S-14	11/08/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	17.45	307.45	NA	NA	
S-14	11/11/2005	<50 f	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<0.500	<0.500	<0.500	<10.0	NA	NA	324.90	17.63	307.27	NA	NA	
S-14	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	324.90	15.56	309.34	NA	NA	
S-14	07/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	16.77	308.13	NA	NA	
S-14	10/20/2006	<50.0	NA	0.560	1.08	<0.500	0.630	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	324.90	17.26	307.64	NA	NA	
S-14	01/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	324.90	17.54	307.36	NA	NA	
S-15	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	NA	24.00	NA	NA	NA	
S-15	07/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.85	NA	NA	NA	
S-15	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	NA	23.87	NA	NA	NA	
S-15	01/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.03	NA	NA	NA	
SR-1	10/11/1989	200	NA	100	<1	<10	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SR-1	12/14/1989	500	NA	210	<0.5	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SR-1	03/05/1990	64	NA	20	<0.5	1.5	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SR-1	06/14/1990	60	NA	17	<0.5	1.9	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SR-1	10/02/1990	<50	NA	5.0	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SR-1	12/18/1990	<50	NA	28	5.5	4.5	4.5	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.34	313.44	NA	NA	
SR-1	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	16.72	313.06	NA	NA	
SR-1	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.78	15.31	314.47	NA	NA	
SR-1	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.13	NA	NA	NA	NA	
SR-1	03/11/2002 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.33	NA	NA	NA	NA	
SR-1	09/22/2003 d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.33	30.79	297.54	NA	NA	
SR-1	04/07/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.33	30.72	297.61	NA	NA	
SR-1	07/27/2004	<500	NA	<5.0	<5.0	<5.0	11	NA	44	<20	<20	<20	<20	3,000	NA	<500	328.33	30.77	297.56	NA	NA
SR-1	08/04/2004	62	NA	<0.50	<0.50	2.6	13	NA	NA	NA	NA	NA	NA	NA	NA	328.33	30.85	297.48	NA	NA	
SR-1	10/29/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	11	<20	<20	<20	<20	1,400	NA	<500	328.33	30.92	297.41	NA	NA
SR-1	01/06/2005	<250	NA	<2.5	<2.5	6.8	31	NA	20	<10	<10	<10	<10	2,800	NA	NA	328.33	30.73	297.60	NA	NA
SR-1	04/14/2005	170	NA	12	<0.90	11	1.5	NA	190	<0.90	<0.90	<0.90	<0.90	2,200	NA	<9.0	328.33	30.73	297.60	NA	NA



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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
SR-1	07/29/2005	<100	NA	<1.0	<1.0	<1.0	3.7	NA	7.6	<4.0	<4.0	<4.0	1,500	NA	<100	328.33	24.53	303.80	NA	NA
SR-1	10/20/2005	190	NA	<1.0	<1.0	5.4	35	NA	4.3	<4.0	<4.0	<4.0	1,200	NA	<100	328.33	31.00	297.33	NA	NA
SR-1	01/26/2006	<50.0	NA	4.65	<0.500	1.79	18.8	NA	4.25	<0.500	<0.500	<0.500	556	NA	<50.0	328.33	30.89	297.44	NA	NA
SR-1	04/24/2006	<50.0	NA	2.76	<0.500	1.36	<0.500	NA	42.8	<0.500	<0.500	<0.500	180	NA	<50.0	328.33	14.94	313.39	NA	NA
SR-1	07/12/2006	<50.0	NA	0.950	<0.500	<0.500	<1.50	NA	3.24	<0.500	<0.500	<0.500	171	NA	<50.0	328.33	14.71	313.62	NA	NA
SR-1	10/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	<50.0	328.33	15.84	312.49	NA	NA
SR-1	01/22/2007	<50	NA	0.48 i	<0.50	0.60	<1.0	NA	0.70 i	<1.0	<1.0	<1.0	46	NA	<150	328.33	15.25	313.08	NA	NA
SR-2	10/11/1989	880	NA	<10	1.0	29	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	12/14/1989	1100	NA	17	<0.5	100	67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	03/05/1990	140	NA	3.0	<0.5	12	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	06/14/1990	<50	NA	<0.5	<0.5	2.6	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	10/02/1990	<50	NA	<0.5	<0.5	0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	12/18/1990	<50	NA	1.6	1.4	1.6	2.7	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.39	313.96	NA	NA
SR-2	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	14.48	313.87	NA	NA
SR-2	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.35	13.62	314.73	NA	NA
SR-2	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.91	14.20	313.71	NA	NA
SR-2	09/27/2002	<1,000	NA	<10	<10	<10	<10	NA	5,000	NA	NA	NA	NA	NA	NA	327.91	13.33	314.58	<10	NA
SR-2	12/27/2002	<1,000	NA	<10	<10	<10	<10	NA	4,800	<10	<10	<10	1,600	<10	NA	327.91	13.75	314.16	NA	NA
SR-2	03/24/2003	<5,000	NA	<50	<50	<50	<100	NA	10,000	NA	NA	NA	NA	NA	NA	327.91	13.40	314.51	NA	NA
SR-2	05/09/2003	<5,000	NA	<50	<50	80	290	NA	13,000	NA	NA	NA	6,100	NA	NA	327.31	30.48	296.83	NA	NA
SR-2	07/08/2003	<5,000	NA	<50	<50	<50	<100	NA	12,000	NA	NA	NA	4,800	NA	NA	327.31	15.38	311.93	NA	NA
SR-2	10/15/2003	<500	NA	<5.0	<5.0	<5.0	20	NA	1,200	NA	NA	NA	9,800	NA	NA	327.31	31.47	295.84	NA	NA
SR-2	01/06/2004	<1,300	NA	<13	<13	<13	<25	NA	500	NA	NA	NA	17,000	NA	NA	327.31	31.54	295.77	NA	NA
SR-2	04/07/2004	<1,300	NA	<13	<13	<13	<25	NA	280	NA	NA	NA	10,000	NA	NA	327.31	31.35	295.96	NA	NA
SR-2	07/27/2004	<1,300	NA	<13	<13	<13	<25	NA	63	<50	<50	<50	9,500	NA	<1,300	327.31	30.50	296.81	NA	NA
SR-2	10/29/2004	<1,300	NA	<13	<13	<13	<25	NA	47	<50	<50	<50	7,600	NA	NA	327.31	31.38	295.93	NA	NA
SR-2	01/06/2005	<1,300	NA	<13	<13	<13	<25	NA	23	<50	<50	<50	6,000	NA	NA	327.31	31.28	296.03	NA	NA
SR-2	04/14/2005	<150	NA	<1.5	<1.5	<1.5	1.7	NA	27	<1.5	<1.5	<1.5	6,300	NA	<15	327.31	31.28	304.60	NA	NA
SR-2	07/29/2005	<500	NA	<5.0	<5.0	<5.0	<10	NA	14	<20	<20	<20	5,400	NA	<500	327.31	22.71	296.00	NA	NA
SR-2	10/20/2005	<500	NA	<5.0	<5.0	<5.0	<10	NA	<5.0	<20	<20	<20	3,600	NA	<500	327.31	31.31	296.00	NA	NA
SR-2	01/26/2006	<50.0	NA	<0.500	<0.500	1.56	7.72	NA	6.37	<0.500	<0.500	<0.500	1,620	NA	<50.0	327.31	31.60	295.71	NA	NA

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SR-2	04/24/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	13.1	<0.500	<0.500	<0.500	544	NA	<50.0	327.31	12.86	314.45	NA	NA
SR-2	07/12/2006	<50.0	NA	0.950	<0.500	<0.500	<1.50	NA	3.00	<0.500	<0.500	<0.500	941	NA	<50.0	327.31	12.65	314.66	NA	NA
SR-2	10/20/2006	96.0	NA	<0.500	<0.500	<0.500	<0.500	NA	9.56	<0.500	<0.500	<0.500	881	NA	<50.0	327.31	14.10	313.21	NA	NA
SR-2	01/22/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	2.8	<1.0	<1.0	<1.0	1,100	NA	<150	327.31	13.47	313.84	NA	NA
SR-3	12/11/1989	500	NA	92	10	43	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	12/14/1989	2,400	NA	310	27	170	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	03/05/1990	70	NA	15	0.8	5.8	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	06/14/1990	470	NA	59	2.3	35	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	10/02/1990	1,700	NA	91	6.2	7.0	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	12/18/1990	140	NA	10	0.8	7.5	14	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.66	314.45	NA	NA
SR-3	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	14.96	314.15	NA	NA
SR-3	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329.11	13.60	315.51	NA	NA
SR-3	12/31/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	328.65	14.75	313.90	NA	NA
SR-3	09/27/2002	<2,500	NA	<25	<25	<25	<25	NA	11,000	NA	NA	NA	NA	NA	NA	328.65	13.65	315.00	NA	NA
SR-3	12/27/2002	<2,000	NA	<20	<20	<20	<20	NA	5,100	<20	<20	<20	4,600	<20	NA	328.65	13.52	315.13	NA	NA
SR-3	03/24/2003	<2,500	NA	<25	<25	<25	<50	NA	3,700	NA	NA	NA	8,400	NA	NA	328.65	12.15	316.50	NA	NA
SR-3	05/09/2003	<1,000	NA	15	<10	19	48	NA	3,700	NA	NA	NA	8,300	NA	NA	327.50	30.00	297.50	NA	NA
SR-3	07/08/2003	<1,000	NA	<10	<10	<10	<20	NA	2,800	NA	NA	NA	3,600	NA	NA	327.50	15.39	312.11	NA	NA
SR-3	10/15/2003	310	NA	3.2	<2.5	9.1	30	NA	240	NA	NA	NA	3,300	NA	NA	327.50	30.29	297.21	NA	NA
SR-3	01/06/2004	<500	NA	<5.0	<5.0	<5.0	<10	NA	26	NA	NA	NA	370	NA	NA	327.50	15.49	312.01	NA	NA
SR-3	04/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	4.4	NA	NA	NA	390	NA	<50	327.50	15.34	312.16	NA	NA
SR-3	07/27/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.0	<2.0	<2.0	<2.0	780	NA	<100	327.50	15.22	312.28	NA	NA
SR-3	10/29/2004	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	15	<4.0	<4.0	<4.0	250	NA	NA	327.50	15.08	312.42	NA	NA
SR-3	01/06/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.3	<2.0	<2.0	<2.0	2,200	NA	<5.0	327.50	30.53	296.97	NA	NA
SR-3	04/14/2005	58	NA	0.76	<0.50	1.5	<0.50	NA	46	<0.50	<0.50	<0.50	490	NA	<50	327.50	21.81	305.69	NA	NA
SR-3	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.7	<2.0	<2.0	<2.0	76	NA	<50	327.50	29.19	298.31	NA	NA
SR-3	10/20/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	3.3	<2.0	<2.0	<2.0	84.9	NA	<50.0	327.50	31.00	296.50	NA	NA
SR-3	01/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	3.34	<0.500	<0.500	<0.500	315	NA	<50.0	327.50	12.42	315.08	NA	NA
SR-3	04/24/2006	<50.0	NA	1.67	<0.500	0.640	<0.500	NA	36.4	<0.500	<0.500	<0.500	724	NA	<50.0	327.50	12.75	314.75	NA	NA
SR-3	07/12/2006	<50.0	NA	0.950	<0.500	<0.500	<1.50	NA	9.73	<0.500	<0.500	<0.500	847	NA	<50.0	327.50	13.93	313.57	NA	NA
SR-3	10/20/2006	73.3	NA	<0.500	<0.500	<0.500	<0.500	NA	5.64	<0.500	<0.500	<0.500								

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	
SR-3	01/22/2007	56	NA	<2.0	<2.0	<2.0	<4.0	NA	5.6	<4.0	<4.0	<4.0	1,300	NA	<600	327.50	13.31	314.19	NA	NA	
T-1	06/18/2002	<5,000	NA	<50	<50	<50	<50	NA	20,000	NA	NA	NA	NA	NA	NA	NA	12.31	NA	NA	NA	
T-2	09/17/2001	<5,000	NA	<25	<25	<25	<25	NA	29,000	NA	NA	NA	NA	NA	NA	NA	11.48	NA	NA	NA	
T-2	12/31/2001	<5,000	NA	<50	<50	<50	<50	NA	31,000	NA	NA	NA	NA	NA	NA	NA	4.96	NA	NA	NA	
T-2	03/13/2002	<5,000	NA	<50	<50	<50	<50	NA	48,000	NA	NA	NA	NA	NA	NA	NA	9.76	NA	NA	NA	
T-2	06/18/2002	<20,000	NA	<200	<200	<200	<200	NA	100,000	NA	NA	NA	NA	NA	NA	NA	12.58	NA	NA	NA	
T-2	09/27/2002	240	NA	0.55	2.8	1.8	2.6	NA	39	NA	NA	NA	NA	NA	NA	NA	8.15	NA	NA	NA	
T-2	09/27/2002	240	NA	0.55	2.8	1.8	2.6	NA	39	NA	NA	NA	NA	NA	NA	NA	6.75	NA	NA	NA	
T-2	12/27/2002	2,100	NA	7.8	17	<0.50	11	NA	790	<2.0	<2.0	2.7	1,200	<2.0	NA	NA	11.68	NA	NA	NA	
T-2	03/24/2003	550	NA	<2.5	<2.5	<2.5	<5.0	NA	310	NA	NA	NA	NA	NA	NA	NA	6.40	NA	NA	NA	
T-2	05/09/2003	220	NA	0.66	0.55	<0.50	1.8	NA	100	NA	NA	NA	92	NA	NA	NA	8.16	NA	NA	NA	
T-2	07/08/2003	<500	NA	13	7.4	<5.0	22	NA	990	NA	NA	NA	120	NA	NA	NA	11.15	NA	NA	NA	
T-2	10/15/2003	220 e	NA	<0.50	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	23	NA	NA	NA	9.10	NA	NA	NA	
T-2	01/06/2004	710	NA	<0.50	<0.50	<0.50	1.2	NA	14	NA	NA	NA	9.2	NA	NA	NA	10.54	NA	NA	NA	
T-2	04/07/2004	570 e	NA	5.4	<0.50	<0.50	1.2	NA	5.6	NA	NA	NA	11	NA	NA	NA	9.89	NA	NA	NA	
T-2	07/27/2004	270	NA	17	1.2	<0.50	2.0	NA	2.9	<2.0	<2.0	<2.0	7.9	NA	<50	NA	9.42	NA	NA	NA	
T-2	10/29/2004	180	NA	<0.50	<0.50	<0.50	<1.0	NA	4.2	<2.0	<2.0	<2.0	23	NA	<50	NA	9.42	NA	NA	NA	
T-2	01/06/2005	1,100	NA	0.83	<0.50	<0.50	3.5	NA	3.0	<2.0	<2.0	<2.0	12	NA	NA	NA	7.98	NA	NA	NA	
T-3	06/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dry	NA	NA	NA
T-4	06/18/2002	<10,000	NA	<100	<100	<100	<200	NA	97,000	NA	NA	NA	NA	NA	NA	NA	13.50	NA	NA	NA	
T-4	12/27/2002	550	NA	5.3	16	0.60	39	NA	140	<2.0	<2.0	<2.0	120	<2.0	NA	NA	7.65	NA	NA	NA	
T-4	03/24/2003	1,400	NA	<0.50	1.0	1.2	3.6	NA	15	NA	NA	NA	NA	NA	NA	NA	12.88	NA	NA	NA	
T-4	05/09/2003	<50	NA	<0.50	<0.50	<0.50	1.6	NA	14	NA	NA	NA	5.2	NA	NA	NA	7.59	NA	NA	NA	
T-4	07/08/2003	730	NA	26	8.9	10	19	NA	1,000	NA	NA	NA	150	NA	NA	NA	9.33	NA	NA	NA	
T-4	10/15/2003	1,200	NA	15	6.1	2.8	11	NA	310	NA	NA	NA	980	NA	NA	NA	11.80	NA	NA	NA	
T-4	01/06/2004	68	NA	1.1	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	NA	NA	9.78	NA	NA	NA	
T-4	04/07/2004	1,600	NA	5.1	0.57	<0.50	2.3	NA	6.1	NA	NA	NA	<5.0	NA	NA	NA	11.15	NA	NA	NA	
T-4	07/27/2004	590	NA	5.3	0.83	0.52	2.2	NA	4.8	<2.0	<2.0	<2.0	7.5	NA	<50	NA	10.93	NA	NA	NA	
T-4	10/29/2004	83	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	<2.0	<2.0	<2.0	<5.0	NA	<50	NA	10.06	NA	NA	NA	
T-4	01/06/2005	430 g	NA	<0.50	<0.50	<0.50	<1.0	NA	9.6	<2.0	<2.0	<2.0	<5.0	NA	NA	NA	8.69	NA	NA	NA	

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
C-1	05/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.50	302.83	NA	NA
C-1	07/08/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.50	302.83	NA	NA
C-1	10/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.52	302.81	NA	NA
C-1	01/06/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.54	302.79	NA	NA
C-1	04/07/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.58	302.75	NA	NA
C-1	07/27/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.58	302.75	NA	NA
C-1	10/29/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.55	302.78	NA	NA
C-1	01/06/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.55	302.78	NA	NA
C-1	04/14/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	28.54	302.79	NA	NA
C-1	07/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	31.11	300.22	NA	NA
C-1	10/20/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	31.15	300.18	NA	NA
C-1	01/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	32.07	299.26	NA	NA
C-1	04/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	29.30	302.03	NA	NA
C-1	07/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	31.64	299.69	NA	NA
C-1	10/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	30.03	301.30	NA	NA
C-1	01/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	331.33	30.03	301.30	NA	NA

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2- DCA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
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Abbreviations:  
TEPH = Total petroleum hydrocarbons as diesel.  
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8015.  
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8020.  
MTBE = Methyl tertiary butyl ether  
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260  
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260  
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260  
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260  
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260  
TOB = Top of Wellbox Elevation  
TOC = Top of Casing Elevation  
SPH = Separate-Phase Hydrocarbons  
GW = Groundwater  
DO = Dissolved Oxygen  
ppm = Parts per million  
ug/L = Parts per billion  
MSL = Mean sea level  
ft. = Feet  
<n = Below detection limit  
(D) = Duplicate sample

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

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

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

819 Striker Avenue, Suite 8  
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# TestAmerica

ANALYTICAL TESTING CORPORATION

8 February, 2007

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

RE: 3790 Hopyard Rd, Pleasanton  
Work Order: S701388

Enclosed are the results of analyses for samples received by the laboratory on 01/24/07 19:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sylvia Krenn  
Project Manager

CA ELAP Certificate # 2630

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

Project: 3790 Hopyard Rd, Pleasanton  
Project Number: 98995842  
Project Manager: Michael Ninokata

S701388  
Reported:  
02/08/07 16:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
	S701388-01	Water	01/22/07 14:30	01/24/07 19:00
S-2	S701388-02	Water	01/22/07 12:40	01/24/07 19:00
S-3	S701388-03	Water	01/22/07 14:32	01/24/07 19:00
S-4	S701388-04	Water	01/22/07 13:15	01/24/07 19:00
S-5	S701388-05	Water	01/22/07 12:15	01/24/07 19:00
S-5B	S701388-06	Water	01/22/07 11:55	01/24/07 19:00
S-5C	S701388-07	Water	01/22/07 10:08	01/24/07 19:00
S-6	S701388-08	Water	01/22/07 10:10	01/24/07 19:00
S-7	S701388-09	Water	01/22/07 08:35	01/24/07 19:00
S-9	S701388-10	Water	01/22/07 12:30	01/24/07 19:00
S-8	S701388-11	Water	01/22/07 10:54	01/24/07 19:00
S-9B	S701388-12	Water	01/22/07 10:38	01/24/07 19:00
S-9C	S701388-13	Water	01/22/07 09:40	01/24/07 19:00
S-10	S701388-14	Water	01/22/07 09:45	01/24/07 19:00
S-11	S701388-15	Water	01/22/07 10:40	01/24/07 19:00
S-12	S701388-16	Water	01/22/07 13:10	01/24/07 19:00
SR-1	S701388-17	Water	01/22/07 13:50	01/24/07 19:00
SR-2	S701388-18	Water	01/22/07 13:15	01/24/07 19:00
SR-3				



Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-2 (S701388-01) Water</b> Sampled: 01/22/07 14:30 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01008	02/01/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		119 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %	80-120		"	"	"	"	
<b>S-3 (S701388-02) Water</b> Sampled: 01/22/07 12:40 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01008	02/01/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		118 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		98 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %	80-120		"	"	"	"	
<b>S-4 (S701388-03) Water</b> Sampled: 01/22/07 14:32 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	550	50	ug/l	1	7B01008	02/01/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		114 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %	80-120		"	"	"	"	
<b>S-5 (S701388-04) Water</b> Sampled: 01/22/07 13:15 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	1600	50	ug/l	1	7B01019	02/01/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		108 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		96 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	80-120		"	"	"	"	
<b>S-5B (S701388-05) Water</b> Sampled: 01/22/07 12:15 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		109 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82 %	80-120		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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## VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

### TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-5C (S701388-06) Water</b> Sampled: 01/22/07 11:55    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		109 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %	80-120		"	"	"	"	
<b>S-6 (S701388-07) Water</b> Sampled: 01/22/07 10:08    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	620	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		111 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86 %	80-120		"	"	"	"	
<b>S-7 (S701388-08) Water</b> Sampled: 01/22/07 10:10    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		114 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83 %	80-120		"	"	"	"	
<b>S-9 (S701388-09) Water</b> Sampled: 01/22/07 08:35    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	82	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	QP
Surrogate: Dibromofluoromethane		112 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85 %	80-120		"	"	"	"	
<b>S-8 (S701388-10) Water</b> Sampled: 01/22/07 12:30    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		113 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83 %	80-120		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-9B (S701388-11) Water</b> Sampled: 01/22/07 10:54 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		111 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81 %	80-120		"	"	"	"	
<b>S-9C (S701388-12) Water</b> Sampled: 01/22/07 10:38 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		113 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82 %	80-120		"	"	"	"	
<b>S-10 (S701388-13) Water</b> Sampled: 01/22/07 09:40 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		111 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83 %	80-120		"	"	"	"	
<b>S-11 (S701388-14) Water</b> Sampled: 01/22/07 09:45 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		114 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83 %	80-120		"	"	"	"	
<b>S-12 (S701388-15) Water</b> Sampled: 01/22/07 10:40 Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		112 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %	80-120		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SR-1 (S701388-16) Water</b> Sampled: 01/22/07 13:10    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		111 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83 %	80-120		"	"	"	"	
<b>SR-2 (S701388-17) Water</b> Sampled: 01/22/07 13:50    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		115 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %	80-120		"	"	"	"	
<b>SR-3 (S701388-18) Water</b> Sampled: 01/22/07 13:15    Received: 01/24/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	56	50	ug/l	1	7B01019	02/01/07	02/02/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		112 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85 %	80-120		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-2 (S701388-01) Water</b> Sampled: 01/22/07 14:30    Received: 01/24/07 19:00									
Benzene	0.40	0.50	ug/l	1	7B01008	02/01/07	02/01/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	16	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	450	10	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	150	"	"	"	"	"	"	
Ethanol									
Surrogate: Dibromofluoromethane		119 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		95 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %		80-120	"	"	"	"	
<b>S-3 (S701388-02) Water</b> Sampled: 01/22/07 12:40    Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01008	02/01/07	02/01/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	10	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	150	"	"	"	"	"	"	
Ethanol									
Surrogate: Dibromofluoromethane		118 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		98 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %		80-120	"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-4 (S701388-03) Water</b> Sampled: 01/22/07 14:32    Received: 01/24/07 19:00									
Benzene	4.8	2.5	ug/l	5	7B01028	02/01/07	02/01/07	EPA 8260B	
Ethylbenzene	30	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
m,p-Xylenes	ND	5.0	"	"	"	"	"	"	
Xylenes, Total	ND	5.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	130	5.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	5.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	5.0	"	"	"	"	"	"	
tert-Butanol (TBA)	3000	50	"	"	"	"	"	"	
Ethanol	ND	750	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		103 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		112 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97 %		80-120	"	"	"	"	
<b>S-5 (S701388-04) Water</b> Sampled: 01/22/07 13:15    Received: 01/24/07 19:00									
Benzene	7.3	0.50	ug/l	1	7B01019	02/01/07	02/01/07	EPA 8260B	
Ethylbenzene	35	0.50	"	"	"	"	"	"	
Toluene	0.54	0.50	"	"	"	"	"	"	
o-Xylene	13	0.50	"	"	"	"	"	"	
m,p-Xylenes	47	1.0	"	"	"	"	"	"	
Xylenes, Total	60	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	0.73	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		96 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %		80-120	"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-5B (S701388-05) Water</b> Sampled: 01/22/07 12:15    Received: 01/24/07 19:00									
Benzene	0.33	0.50	ug/l	1	7B01019	02/01/07	02/01/07	EPA 8260B	J
Ethylbenzene	0.27	0.50	"	"	"	"	"	"	J
Toluene	0.36	0.50	"	"	"	"	"	"	J
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	J
Methyl-tert-butyl Ether (MTBE)	0.90	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		109 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82 %	80-120		"	"	"	"	
<b>S-5C (S701388-06) Water</b> Sampled: 01/22/07 11:55    Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	9.0	10	"	"	"	"	"	"	J, ID
Ethanol	ND	150	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		109 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %	80-120		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-6 (S701388-07) Water</b> <b>Sampled: 01/22/07 10:08</b> <b>Received: 01/24/07 19:00</b>									
Benzene	ND	2.0	ug/l	4	7B02007	02/02/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
m,p-Xylenes	ND	4.0	"	"	"	"	"	"	
Xylenes, Total	ND	4.0	"	"	"	"	"	"	
<b>Methyl-tert-butyl Ether (MTBE)</b>	<b>30</b>	4.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	4.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	4.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	4.0	"	"	"	"	"	"	
<b>tert-Butanol (TBA)</b>	<b>2000</b>	40	"	"	"	"	"	"	
Ethanol	ND	600	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %		80-120	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82 %		80-120	"	"	"	"	
<b>S-7 (S701388-08) Water</b> <b>Sampled: 01/22/07 10:10</b> <b>Received: 01/24/07 19:00</b>									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
<b>Methyl-tert-butyl Ether (MTBE)</b>	<b>62</b>	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
<b>tert-Butanol (TBA)</b>	<b>6.2</b>	10	"	"	"	"	"	"	J, ID
Ethanol	ND	150	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		114 %		80-120	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83 %		80-120	"	"	"	"	



Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>S-9 (S701388-09) Water</b> Sampled: 01/22/07 08:35    Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	150	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	1.4	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	20	10	"	"	"	"	"	"	ID
Ethanol	ND	150	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		112 %		80-120	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85 %		80-120	"	"	"	"	
<b>S-8 (S701388-10) Water</b> Sampled: 01/22/07 12:30    Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	11	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		113 %		80-120	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83 %		80-120	"	"	"	"	

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

Project: 3790 Hopyard Rd, Pleasanton  
Project Number: 98995842  
Project Manager: Michael Ninokata

S701388  
Reported:  
02/08/07 16:46

**BTEX/OXYGENATES by GC/MS (EPA 8260B)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-9B (S701388-11) Water</b> Sampled: 01/22/07 10:54 Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	4.9	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	10	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	150	"	"	"	"	"	"	
Ethanol									
Surrogate: Dibromofluoromethane		111 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81 %	80-120		"	"	"	"	
<b>S-9C (S701388-12) Water</b> Sampled: 01/22/07 10:38 Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	0.64	1.0	"	"	"	"	"	"	J
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	10	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	150	"	"	"	"	"	"	
Ethanol									
Surrogate: Dibromofluoromethane		113 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82 %	80-120		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-10 (S701388-13) Water</b> Sampled: 01/22/07 09:40    Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		111 %	80-120		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83 %	80-120		"	"	"	"	
<b>S-11 (S701388-14) Water</b> Sampled: 01/22/07 09:45    Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	61	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	6.1	10	"	"	"	"	"	"	J, ID
Ethanol	ND	150	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		114 %	80-120		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83 %	80-120		"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>S-12 (S701388-15) Water</b> <b>Sampled: 01/22/07 10:40</b> <b>Received: 01/24/07 19:00</b>									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	0.70	1.0	"	"	"	"	"	"	J
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	10	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	150	"	"	"	"	"	"	
Ethanol									
Surrogate: Dibromofluoromethane		112 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		94 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %		80-120	"	"	"	"	
<b>SR-1 (S701388-16) Water</b> <b>Sampled: 01/22/07 13:10</b> <b>Received: 01/24/07 19:00</b>									
Benzene	0.48	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	J
Ethylbenzene	0.60	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	9.0	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	46	10	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		111 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		95 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83 %		80-120	"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B)**

**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SR-2 (S701388-17) Water</b> Sampled: 01/22/07 13:50 Received: 01/24/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01019	02/01/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	2.8	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	1100	10	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		115 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		94 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84 %		80-120	"	"	"	"	
<b>SR-3 (S701388-18) Water</b> Sampled: 01/22/07 13:15 Received: 01/24/07 19:00									
Benzene	ND	2.0	ug/l	4	7B02007	02/02/07	02/02/07	EPA 8260B	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
m,p-Xylenes	ND	4.0	"	"	"	"	"	"	
Xylenes, Total	ND	4.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	5.6	4.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	4.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	4.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	4.0	"	"	"	"	"	"	
tert-Butanol (TBA)	1300	40	"	"	"	"	"	"	
Ethanol	ND	600	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		110 %		80-120	"	"	"	"	
Surrogate: Toluene-d8		94 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82 %		80-120	"	"	"	"	

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01008 - EPA 5030B GCMS / TPH by GC/MS**

Prepared & Analyzed: 02/01/07										
<b>Blank (7B01008-BLK1)</b>										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	27.0		"	25.0		108	80-120			
Surrogate: Toluene-d8	23.6		"	25.0		94	80-120			
Surrogate: 4-Bromofluorobenzene	20.6		"	25.0		82	80-120			

Prepared & Analyzed: 02/01/07										
<b>Laboratory Control Sample (7B01008-BS2)</b>										
Volatile Fuel Hydrocarbons (C4-C12)	404	50	ug/l	500		81	55-130			
Surrogate: Dibromofluoromethane	27.1		"	25.0		108	80-120			
Surrogate: Toluene-d8	23.4		"	25.0		94	80-120			
Surrogate: 4-Bromofluorobenzene	21.8		"	25.0		87	80-120			

Prepared & Analyzed: 02/01/07										
<b>Matrix Spike (7B01008-MS1)</b> Source: IQA3029-06										
Volatile Fuel Hydrocarbons (C4-C12)	1530	50	ug/l	1720	ND	89	50-145			
Surrogate: Dibromofluoromethane	28.6		"	25.0		114	80-120			
Surrogate: Toluene-d8	23.9		"	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	21.8		"	25.0		87	80-120			

Prepared & Analyzed: 02/01/07										
<b>Matrix Spike Dup (7B01008-MSD1)</b> Source: IQA3029-06										
Volatile Fuel Hydrocarbons (C4-C12)	1670	50	ug/l	1720	ND	97	50-145	9	20	
Surrogate: Dibromofluoromethane	29.3		"	25.0		117	80-120			
Surrogate: Toluene-d8	24.0		"	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	22.8		"	25.0		91	80-120			

**Batch 7B01019 - EPA 5030B GCMS / TPH by GC/MS**

Prepared & Analyzed: 02/01/07										
<b>Blank (7B01019-BLK1)</b>										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	27.2		"	25.0		109	80-120			
Surrogate: Toluene-d8	23.3		"	25.0		93	80-120			
Surrogate: 4-Bromofluorobenzene	21.0		"	25.0		84	80-120			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01019 - EPA 5030B GCMS / TPH by GC/MS**

Laboratory Control Sample (7B01019-BS2)										
Prepared & Analyzed: 02/01/07										
Volatile Fuel Hydrocarbons (C4-C12)	430	50	ug/l	500		86	55-130			
Surrogate: Dibromofluoromethane	27.4		"	25.0		110	80-120			
Surrogate: Toluene-d8	23.0		"	25.0		92	80-120			
Surrogate: 4-Bromofluorobenzene	21.7		"	25.0		87	80-120			
Matrix Spike (7B01019-MS1)										
Source: S701388-04										
Prepared & Analyzed: 02/01/07										
Volatile Fuel Hydrocarbons (C4-C12)	2730	50	ug/l	1720	1600	66	50-145			
Surrogate: Dibromofluoromethane	27.0		"	25.0		108	80-120			
Surrogate: Toluene-d8	23.9		"	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	22.4		"	25.0		90	80-120			
Matrix Spilce Dup (7B01019-MSD1)										
Source: S701388-04										
Prepared & Analyzed: 02/01/07										
Volatile Fuel Hydrocarbons (C4-C12)	2840	50	ug/l	1720	1600	72	50-145	4	20	
Surrogate: Dibromofluoromethane	27.4		"	25.0		110	80-120			
Surrogate: Toluene-d8	23.8		"	25.0		95	80-120			
Surrogate: 4-Bromofluorobenzene	22.3		"	25.0		89	80-120			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01008 - EPA 5030B GCMS / EPA 8260B**

Prepared & Analyzed: 02/01/07

**Blank (7B01008-BLK1)**

Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
o-Xylene	ND	0.50	"							
m,p-Xylenes	ND	1.0	"							
Xylenes, Total	ND	1.0	"							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"							
Di-isopropyl Ether (DIPE)	ND	1.0	"							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"							
tert-Amyl Methyl Ether (TAME)	ND	1.0	"							
tert-Butanol (TBA)	ND	10	"							
Ethanol	ND	150	"							
Surrogate: Dibromofluoromethane	27.0		"	25.0		108	80-120			
Surrogate: Toluene-d8	23.6		"	25.0		94	80-120			
Surrogate: 4-Bromofluorobenzene	20.6		"	25.0		82	80-120			

**Laboratory Control Sample (7B01008-BS1)**

Prepared & Analyzed: 02/01/07

Benzene	23.2	0.50	ug/l	25.0		93	70-120			
Ethylbenzene	23.5	0.50	"	25.0		94	75-125			
Toluene	24.9	0.50	"	25.0		100	70-120			
o-Xylene	24.4	0.50	"	25.0		98	75-125			
m,p-Xylenes	47.9	1.0	"	50.0		96	75-125			
Xylenes, Total	72.4	1.0	"	75.0		97	70-125			
Methyl-tert-butyl Ether (MTBE)	26.2	1.0	"	25.0		105	60-135			
Di-isopropyl Ether (DIPE)	24.2	1.0	"	25.0		97	60-135			
Ethyl tert-Butyl Ether (ETBE)	24.2	1.0	"	25.0		97	65-135			
tert-Amyl Methyl Ether (TAME)	25.8	1.0	"	25.0		103	60-135			
tert-Butanol (TBA)	130	10	"	125		104	70-135			
Ethanol	292	150	"	250		117	40-155			
Surrogate: Dibromofluoromethane	27.8		"	25.0		111	80-120			
Surrogate: Toluene-d8	23.9		"	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	22.0		"	25.0		88	80-120			



Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01008 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike (7B01008-MS1)	Source: IQA3029-06			Prepared & Analyzed: 02/01/07						
Benzene	26.6	0.50	ug/l	25.0	ND	106	65-125			
Ethylbenzene	26.0	0.50	"	25.0	ND	104	65-130			
Toluene	28.7	0.50	"	25.0	ND	115	70-125			
o-Xylene	27.2	0.50	"	25.0	ND	109	65-125			
m,p-Xylenes	54.0	1.0	"	50.0	ND	108	65-130			
Xylenes, Total	81.2	1.0	"	75.0	ND	108	60-130			
Methyl-tert-butyl Ether (MTBE)	31.6	1.0	"	25.0	2.1	118	55-145			
Di-isopropyl Ether (DIPE)	28.4	1.0	"	25.0	ND	114	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.4	1.0	"	25.0	ND	106	60-135			
tert-Amyl Methyl Ether (TAME)	25.9	1.0	"	25.0	ND	104	60-140			
tert-Butanol (TBA)	924	10	"	125	780	115	65-140			MHA
Ethanol	392	150	"	250	ND	157	40-155			M1
Surrogate: Dibromofluoromethane	28.6		"	25.0		114	80-120			
Surrogate: Toluene-d8	23.9		"	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	21.8		"	25.0		87	80-120			

Matrix Spike Dup (7B01008-MSD1)	Source: IQA3029-06			Prepared & Analyzed: 02/01/07						
Benzene	27.9	0.50	ug/l	25.0	ND	112	65-125	5	20	
Ethylbenzene	27.2	0.50	"	25.0	ND	109	65-130	5	20	
Toluene	30.2	0.50	"	25.0	ND	121	70-125	5	20	
o-Xylene	28.4	0.50	"	25.0	ND	114	65-125	4	20	
m,p-Xylenes	56.7	1.0	"	50.0	ND	113	65-130	5	25	
Xylenes, Total	85.1	1.0	"	75.0	ND	113	60-130	5	20	
Methyl-tert-butyl Ether (MTBE)	34.2	1.0	"	25.0	2.1	128	55-145	8	25	
Di-isopropyl Ether (DIPE)	30.3	1.0	"	25.0	ND	121	60-140	6	25	
Ethyl tert-Butyl Ether (ETBE)	28.6	1.0	"	25.0	ND	114	60-135	8	25	
tert-Amyl Methyl Ether (TAME)	28.9	1.0	"	25.0	ND	116	60-140	11	30	
tert-Butanol (TBA)	946	10	"	125	780	133	65-140	2	25	MHA
Ethanol	367	150	"	250	ND	147	40-155	7	30	
Surrogate: Dibromofluoromethane	29.3		"	25.0		117	80-120			
Surrogate: Toluene-d8	24.0		"	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	22.8		"	25.0		91	80-120			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01019 - EPA 5030B GCMS / EPA 8260B**

Prepared & Analyzed: 02/01/07

**Blank (7B01019-BLK1)**

Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
o-Xylene	ND	0.50	"							
m,p-Xylenes	ND	1.0	"							
Xylenes, Total	ND	1.0	"							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"							
Di-isopropyl Ether (DIPE)	ND	1.0	"							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"							
tert-Amyl Methyl Ether (TAME)	ND	1.0	"							
tert-Butanol (TBA)	ND	10	"							
Ethanol	ND	150	"							
<i>Surrogate: Dibromofluoromethane</i>	27.2		"	25.0		109	80-120			
<i>Surrogate: Toluene-d8</i>	23.3		"	25.0		93	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	21.0		"	25.0		84	80-120			

Prepared & Analyzed: 02/01/07

**Laboratory Control Sample (7B01019-BS1)**

Benzene	22.7	0.50	ug/l	25.0		91	70-120			
Ethylbenzene	22.5	0.50	"	25.0		90	75-125			
Toluene	24.1	0.50	"	25.0		96	70-120			
o-Xylene	23.4	0.50	"	25.0		94	75-125			
m,p-Xylenes	47.0	1.0	"	50.0		94	75-125			
Xylenes, Total	70.4	1.0	"	75.0		94	70-125			
Methyl-tert-butyl Ether (MTBE)	25.5	1.0	"	25.0		102	60-135			
Di-isopropyl Ether (DIPE)	23.2	1.0	"	25.0		93	60-135			
Ethyl tert-Butyl Ether (ETBE)	22.1	1.0	"	25.0		88	65-135			
tert-Amyl Methyl Ether (TAME)	22.7	1.0	"	25.0		91	60-135			
tert-Butanol (TBA)	119	10	"	125		95	70-135			
Ethanol	300	150	"	250		120	40-155			
<i>Surrogate: Dibromofluoromethane</i>	27.1		"	25.0		108	80-120			
<i>Surrogate: Toluene-d8</i>	23.8		"	25.0		95	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	22.0		"	25.0		88	80-120			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01019 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike (7B01019-MS1)	Source: S701388-04			Prepared & Analyzed: 02/01/07						
Benzene	29.3	0.50	ug/l	25.0	7.3	88	65-125			
Ethylbenzene	53.8	0.50	"	25.0	35	75	65-130			
Toluene	25.2	0.50	"	25.0	0.54	99	70-125			
o-Xylene	36.2	0.50	"	25.0	13	93	65-125			
m,p-Xylenes	89.3	1.0	"	50.0	47	85	65-130			
Xylenes, Total	126	1.0	"	75.0	60	88	60-130			
Methyl-tert-butyl Ether (MTBE)	25.2	1.0	"	25.0	0.73	98	55-145			
Di-isopropyl Ether (DIPE)	23.0	1.0	"	25.0	ND	92	60-140			
Ethyl tert-Butyl Ether (ETBE)	21.4	1.0	"	25.0	ND	86	60-135			
tert-Amyl Methyl Ether (TAME)	22.4	1.0	"	25.0	ND	90	60-140			
tert-Butanol (TBA)	126	10	"	125	ND	101	65-140			
Ethanol	319	150	"	250	ND	128	40-155			
Surrogate: Dibromofluoromethane	27.0		"	25.0		108	80-120			
Surrogate: Toluene-d8	23.9		"	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	22.4		"	25.0		90	80-120			

Matrix Spike Dup (7B01019-MSD1)	Source: S701388-04			Prepared & Analyzed: 02/01/07						
Benzene	29.8	0.50	ug/l	25.0	7.3	90	65-125	2	20	
Ethylbenzene	53.6	0.50	"	25.0	35	74	65-130	0.4	20	
Toluene	25.4	0.50	"	25.0	0.54	99	70-125	0.8	20	
o-Xylene	35.4	0.50	"	25.0	13	90	65-125	2	20	
m,p-Xylenes	88.5	1.0	"	50.0	47	83	65-130	0.9	25	
Xylenes, Total	124	1.0	"	75.0	60	85	60-130	2	20	
Methyl-tert-butyl Ether (MTBE)	26.4	1.0	"	25.0	0.73	103	55-145	5	25	
Di-isopropyl Ether (DIPE)	23.8	1.0	"	25.0	ND	95	60-140	3	25	
Ethyl tert-Butyl Ether (ETBE)	22.3	1.0	"	25.0	ND	89	60-135	4	25	
tert-Amyl Methyl Ether (TAME)	23.6	1.0	"	25.0	ND	94	60-140	5	30	
tert-Butanol (TBA)	131	10	"	125	ND	105	65-140	4	25	
Ethanol	315	150	"	250	ND	126	40-155	1	30	
Surrogate: Dibromofluoromethane	27.4		"	25.0		110	80-120			
Surrogate: Toluene-d8	23.8		"	25.0		95	80-120			
Surrogate: 4-Bromofluorobenzene	22.3		"	25.0		89	80-120			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01028 - EPA 5030B GCMS / EPA 8260B**

Prepared & Analyzed: 02/01/07

**Blank (7B01028-BLK1)**

Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
o-Xylene	ND	0.50	"							
m,p-Xylenes	ND	1.0	"							
Xylenes, Total	ND	1.0	"							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"							
Di-isopropyl Ether (DIPE)	ND	1.0	"							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"							
tert-Amyl Methyl Ether (TAME)	ND	1.0	"							
tert-Butanol (TBA)	ND	10	"							
Ethanol	ND	150	"							
<i>Surrogate: Dibromofluoromethane</i>	25.2		"	25.0		101	80-120			
<i>Surrogate: Toluene-d8</i>	27.4		"	25.0		110	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	21.3		"	25.0		85	80-120			

Prepared & Analyzed: 02/01/07

**Laboratory Control Sample (7B01028-BS1)**

Benzene	23.6	0.50	ug/l	25.0		94	70-120			
Ethylbenzene	26.2	0.50	"	25.0		105	75-125			
Toluene	23.7	0.50	"	25.0		95	70-120			
o-Xylene	25.9	0.50	"	25.0		104	75-125			
m,p-Xylenes	54.4	1.0	"	50.0		109	75-125			
Xylenes, Total	80.3	1.0	"	75.0		107	70-125			
Methyl-tert-butyl Ether (MTBE)	15.5	1.0	"	25.0		62	60-135			
Di-isopropyl Ether (DIPE)	22.8	1.0	"	25.0		91	60-135			
Ethyl tert-Butyl Ether (ETBE)	17.7	1.0	"	25.0		71	65-135			
tert-Amyl Methyl Ether (TAME)	16.6	1.0	"	25.0		66	60-135			
tert-Butanol (TBA)	156	10	"	125		125	70-135			
Ethanol	358	150	"	250		143	40-155			
<i>Surrogate: Dibromofluoromethane</i>	24.8		"	25.0		99	80-120			
<i>Surrogate: Toluene-d8</i>	27.4		"	25.0		110	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	26.6		"	25.0		106	80-120			

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

Project: 3790 Hopyard Rd, Pleasanton  
Project Number: 98995842  
Project Manager: Michael Ninokata

S701388  
Reported:  
02/08/07 16:46

**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B01028 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike (7B01028-MS1)	Source: IQA3028-01			Prepared & Analyzed: 02/01/07						
Benzene	20.9	0.50	ug/l	25.0	ND	84	65-125			
Ethylbenzene	22.2	0.50	"	25.0	ND	89	65-130			
Toluene	21.1	0.50	"	25.0	ND	84	70-125			
o-Xylene	23.0	0.50	"	25.0	ND	92	65-125			
m,p-Xylenes	47.0	1.0	"	50.0	ND	94	65-130			
Xylenes, Total	70.0	1.0	"	75.0	ND	93	60-130			
Methyl-tert-butyl Ether (MTBE)	120	1.0	"	25.0	97	92	55-145			
Di-isopropyl Ether (DIPE)	23.3	1.0	"	25.0	ND	93	60-140			
Ethyl tert-Butyl Ether (ETBE)	20.1	1.0	"	25.0	0.81	77	60-135			
tert-Amyl Methyl Ether (TAME)	20.6	1.0	"	25.0	1.7	76	60-140			
tert-Butanol (TBA)	247	10	"	125	95	122	65-140			
Ethanol	328	150	"	250	ND	131	40-155			
Surrogate: Dibromofluoromethane	27.1		"	25.0		108	80-120			
Surrogate: Toluene-d8	27.7		"	25.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	26.7		"	25.0		107	80-120			

Matrix Spike Dup (7B01028-MSD1)	Source: IQA3028-01			Prepared & Analyzed: 02/01/07						
Benzene	26.2	0.50	ug/l	25.0	ND	105	65-125	23	20	R
Ethylbenzene	28.3	0.50	"	25.0	ND	113	65-130	24	20	R
Toluene	26.3	0.50	"	25.0	ND	105	70-125	22	20	R
o-Xylene	28.8	0.50	"	25.0	ND	115	65-125	22	20	R
m,p-Xylenes	58.7	1.0	"	50.0	ND	117	65-130	22	25	
Xylenes, Total	87.5	1.0	"	75.0	ND	117	60-130	22	20	R
Methyl-tert-butyl Ether (MTBE)	121	1.0	"	25.0	97	96	55-145	0.8	25	
Di-isopropyl Ether (DIPE)	29.8	1.0	"	25.0	ND	119	60-140	24	25	
Ethyl tert-Butyl Ether (ETBE)	25.3	1.0	"	25.0	0.81	98	60-135	23	25	
tert-Amyl Methyl Ether (TAME)	25.5	1.0	"	25.0	1.7	95	60-140	21	30	
tert-Butanol (TBA)	278	10	"	125	95	146	65-140	12	25	MI
Ethanol	393	150	"	250	ND	157	40-155	18	30	MI
Surrogate: Dibromofluoromethane	27.5		"	25.0		110	80-120			
Surrogate: Toluene-d8	27.7		"	25.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	26.8		"	25.0		107	80-120			

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

Project: 3790 Hopyard Rd, Pleasanton  
Project Number: 98995842  
Project Manager: Michael Ninokata

S701388  
Reported:  
02/08/07 16:46

**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B02007 - EPA 5030B GCMS / EPA 8260B**

Prepared & Analyzed: 02/02/07

**Blank (7B02007-BLK1)**

Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
o-Xylene	ND	0.50	"							
m,p-Xylenes	ND	1.0	"							
Xylenes, Total	ND	1.0	"							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"							
Di-isopropyl Ether (DIPE)	ND	1.0	"							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"							
tert-Amyl Methyl Ether (TAME)	ND	1.0	"							
tert-Butanol (TBA)	ND	10	"							
Ethanol	ND	150	"							
<i>Surrogate: Dibromofluoromethane</i>	27.0		"	25.0		108	80-120			
<i>Surrogate: Toluene-d8</i>	23.4		"	25.0		94	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	20.3		"	25.0		81	80-120			

**Laboratory Control Sample (7B02007-BS1)**

Prepared & Analyzed: 02/02/07

Benzene	21.6	0.50	ug/l	25.0		86	70-120			
Ethylbenzene	22.2	0.50	"	25.0		89	75-125			
Toluene	23.2	0.50	"	25.0		93	70-120			
o-Xylene	22.6	0.50	"	25.0		90	75-125			
m,p-Xylenes	45.7	1.0	"	50.0		91	75-125			
Xylenes, Total	68.4	1.0	"	75.0		91	70-125			
Methyl-tert-butyl Ether (MTBE)	24.4	1.0	"	25.0		98	60-135			
Di-isopropyl Ether (DIPE)	22.0	1.0	"	25.0		88	60-135			
Ethyl tert-Butyl Ether (ETBE)	21.1	1.0	"	25.0		84	65-135			
tert-Amyl Methyl Ether (TAME)	22.2	1.0	"	25.0		89	60-135			
tert-Butanol (TBA)	117	10	"	125		94	70-135			
Ethanol	280	150	"	250		112	40-155			
<i>Surrogate: Dibromofluoromethane</i>	26.8		"	25.0		107	80-120			
<i>Surrogate: Toluene-d8</i>	23.6		"	25.0		94	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	21.8		"	25.0		87	80-120			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control**  
**TestAmerica - Irvine, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7B02007 - EPA 5030B GCMS / EPA 8260B**

Matrix Spike (7B02007-MS1)	Source: IQA3029-01			Prepared & Analyzed: 02/02/07						
Benzene	18.8	0.50	ug/l	25.0	ND	75	65-125			
Ethylbenzene	19.1	0.50	"	25.0	ND	76	65-130			
Toluene	20.6	0.50	"	25.0	ND	82	70-125			
o-Xylene	19.7	0.50	"	25.0	ND	79	65-125			
m,p-Xylenes	39.1	1.0	"	50.0	ND	78	65-130			
Xylenes, Total	58.8	1.0	"	75.0	ND	78	60-130			
Methyl-tert-butyl Ether (MTBE)	23.6	1.0	"	25.0	2.2	86	55-145			
Di-isopropyl Ether (DIPE)	20.4	1.0	"	25.0	ND	82	60-140			
Ethyl tert-Butyl Ether (ETBE)	19.6	1.0	"	25.0	ND	78	60-135			
tert-Amyl Methyl Ether (TAME)	19.7	1.0	"	25.0	ND	79	60-140			
tert-Butanol (TBA)	830	10	"	125	750	64	65-140			MHA
Ethanol	264	150	"	250	ND	106	40-155			
Surrogate: Dibromofluoromethane	27.6		"	25.0		110	80-120			
Surrogate: Toluene-d8	23.8		"	25.0		95	80-120			
Surrogate: 4-Bromofluorobenzene	22.4		"	25.0		90	80-120			

Matrix Spike Dup (7B02007-MSD1)	Source: IQA3029-01			Prepared & Analyzed: 02/02/07						
Benzene	21.1	0.50	ug/l	25.0	ND	84	65-125	12	20	
Ethylbenzene	21.4	0.50	"	25.0	ND	86	65-130	11	20	
Toluene	22.7	0.50	"	25.0	ND	91	70-125	10	20	
o-Xylene	22.5	0.50	"	25.0	ND	90	65-125	13	20	
m,p-Xylenes	44.7	1.0	"	50.0	ND	89	65-130	13	25	
Xylenes, Total	67.2	1.0	"	75.0	ND	90	60-130	13	20	
Methyl-tert-butyl Ether (MTBE)	27.6	1.0	"	25.0	2.2	102	55-145	16	25	
Di-isopropyl Ether (DIPE)	22.5	1.0	"	25.0	ND	90	60-140	10	25	
Ethyl tert-Butyl Ether (ETBE)	21.8	1.0	"	25.0	ND	87	60-135	11	25	
tert-Amyl Methyl Ether (TAME)	22.3	1.0	"	25.0	ND	89	60-140	12	30	
tert-Butanol (TBA)	871	10	"	125	750	97	65-140	5	25	MHA
Ethanol	305	150	"	250	ND	122	40-155	14	30	
Surrogate: Dibromofluoromethane	27.4		"	25.0		110	80-120			
Surrogate: Toluene-d8	23.6		"	25.0		94	80-120			
Surrogate: 4-Bromofluorobenzene	22.3		"	25.0		89	80-120			

Blaine Tech Services (Shell) 1680 Rogers Avenue San Jose CA, 95112	Project: 3790 Hopyard Rd, Pleasanton Project Number: 98995842 Project Manager: Michael Ninokata	S701388 Reported: 02/08/07 16:46
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**Notes and Definitions**

- R The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- QP Hydrocarbon result partly due to individual peak(s) in quantitation range.
- 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).
- MI The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- J Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
- ID 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.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



LAB:

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

SAC



# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

ENVIRONMENTAL SERVICES

CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (IES ONLY)

9 8 9 9 5 8 4 2

DATE: 1/22/07

NETWORK DEV / FE

BILL CONSULTANT

PO #

SAP or CRMT #

PAGE: 1 of 3

COMPLIANCE

RMT/CRMT

SAMPLING COMPANY: <b>Blaine Tech Services</b>		LOG CODE: <b>BTSS</b>	SITE ADDRESS: Street and City <b>3790 Hopyard Rd., Pleasanton</b>		State <b>CA</b>	GLOBAL ID NO.: <b>T0600101257</b>
ADDRESS: <b>1680 Rogers Avenue, San Jose, CA 95112</b>			EDF DELIVERABLE TO (Name, Company, Office Location): <b>Lena Martinez, Delta, San Jose</b>		PHONE NO.: <b>(408) 826-1861</b>	E-MAIL: <b>lmartinez@deltainv.com</b>
PROJECT CONTACT (Hardcopy or PDF Report to): <b>Michael Ninokata</b>			SAMPLER NAME(S) (Print): <b>D. Reyna / D. Romp</b>		CONSULTANT PROJECT NO.: <b>BTS #070122-21</b>	
TELEPHONE: <b>408-573-0555</b>	FAX: <b>408-573-7771</b>	E-MAIL: <b>mninokata@blainetech.com</b>	LAB USE ONLY			

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):  
 STD  5 DAY  3 DAY  2 DAY  24 HOURS  
 RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:  
 EDD NOT NEEDED  
 SHELL CONTRACT RATE APPLIES  
 STATE REIMB RATE APPLIES  
 RECEIPT VERIFICATION REQUESTED

CC Lee Dooley ldooley@deltainv.com and Heather Buckingham hbuckingham@deltainv.com when sending final report.

REQUESTED ANALYSIS **5701388**

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8016M)	TPH-motor oil (8016M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)	Total Oil and Grease (1664A)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	DATE	TIME																							
01	S-2	1/22/07	1430	W	3	X	X	X										X							
02	S-3	1/22/07	1240	W	3	X	X	X										X							
03	S-4	1/22/07	1432	W	3	X	X	X										X							
04	S-5	1/22/07	1315	W	3	X	X	X										X							
05	S-5B	1/22/07	1215	W	3	X	X	X										X							
06	S-5C	1/22/07	1155	W	3	X	X	X										X							
07	S-6	1/22/07	1008	W	3	X	X	X										X							
08	S-7	1/22/07	1010	W	3	X	X	X										X							
09	S-8	1/22/07	0835	W	3	X	X	X										X							
10	S-8	1/23/07	1230	W	3	X	X	X										X							

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 1/22/07	Time: 1550
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 1/23/07	Time: 1540
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 1/23/07	Time: 1635

*Blavin*  
*Carl Youell TA*

*Jed Youell TA*  
*Jed Youell TA*

1-24-07  
1-24-07

05/02/06 Revision  
1510  
1900

LAD:

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

SAC



# SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Denis Brown

ENVIRONMENTAL SERVICES  CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 5 8 4 2

DATE: 1/22/07

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

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

SITE ADDRESS: Street and City: 3790 Hopyard Rd., Pleasanton State: CA GLOBAL ID NO.: T0600101257

ECF DELIVERABLE TO (Name, Company, Office Location): Lena Martinez, Delta, San Jose PHONE NO.: (408) 826-1861 E-MAIL: lmartinez@deltaenv.com CONSULTANT PROJECT NO.: BTS#C70122-321

SAMPLER NAME(S) (Print): D. Rayner / D. Rompf

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):  STD  5 DAY  3 DAY  2 DAY  24 HOURS  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

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

CC Lee Dooley ldooley@deltaenv.com and Heather Buckingham hbuckingham@deltaenv.com when sending final report.

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)	Total Oil and Grease (1664A)	TEMPERATURE ON RECEIPT C°	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
		DATE	TIME																						
1	S-9B	1/22/07	1054	W	3	✓	✓	✓									✓								
2	S-9C		1038	W	3	✓	✓	✓									✓								
3	S-10		0940	W	3	✓	✓	✓									✓								
4	S-11		0945	W	3	✓	✓	✓									✓								
5	S-12		1040	W	3	✓	✓	✓									✓								
6	SR-1		1310	W	3	✓	✓	✓									✓								
7	SR-2		1350	W	3	✓	✓	✓									✓								
8	SR-3	✓	1315	W	3	✓	✓	✓									✓								

Relinquished by: (Signature)	Received by: (Signature)	Date: 1/22/07	Time: 1550
Relinquished by: (Signature)	Received by: (Signature)	Date: 1/23/07	Time: 1940
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Blanny

# SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 3790 Hopwood Rd. Pleasanton CA Date 1/22/07  
 Job Number 070172-DR1 Technician DR1 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								
S-3	X								
S-4	X								
S-5	X								
S-5B	X								
S-5C	X								
S-6	X								
S-7	X								
S-8	X								
S-9	X								
S-9B	X								
S-9C	X								
S-10	X								
S-11	X								
S-12	X								
S-14	X								
S-15	X								

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

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



## WELL GAUGING DATA

Project # 070122-DR1 Date 1/22/07 Client 98995842

Site 3790 Hayward Rd. Pleasanton CA.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOB	Notes	
S-2	0848	3					14.05	34.65	TOB		
S-3	0844	3					13.05	35.41			
S-4	0856	3					14.32	35.76			
S-5	0908	3					15.74	35.70			
S-5B	0912	4					27.79	61.90			
S-5C	0916	4					27.90	77.00			
S-6	0955	3					14.14	34.25			Tr.
S-7	0955	3					17.24	34.46			Tr.
S-8	0900	3					15.07	34.43			
S-9	0816	3					17.92	34.49			
S-9B	0820	4					26.78	59.25			
S-9C	0825	4					26.52	77.90			
S-10	0928	3					14.45	34.40			Tr.
S-11	0929	3					17.27	25.05			Tr.
S-12	1012	2					17.05	24.80			Hand An.
S-14	0810	4					<del>17.54</del>	24.84		G.O.	
S-15	0815	4					26.03	24.60	✓	G.O.	



### SHELL WELL MONITORING DATA SHEET

BTS #: 070122-DR1	Site: 98995842
Sampler: DR/①	Date: 1/22/07
Well I.D.: 5 - 2	Well Diameter: 2 ③ 4 6 8
Total Well Depth (TD): 34.65	Depth to Water (DTW): 14.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.17	

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

$7.6 \text{ (Gals.)} \times 3 = 22.8 \text{ Gals.}$ 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 <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
1330	64.0	7.0	2770	68	7.6	strong odor
1332	65.9	6.8	2807	68	15.2	clear
1334	68.4	6.8	3053	91	22.8	
			3053			
DTW = 25.10 @ 1335 - waited until 1430 to sample @ 17.10						

Did well dewater? Yes  No  Gallons actually evacuated: 22.8

Sampling Date: 1/22/07      Sampling Time: 1430      Depth to Water: 17.10

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

Analyzed for: TPH-D BTEX MTBE TPH-D Other: Oxys (5), Ethanol

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

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

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







## SHELL WELL MONITORING DATA SHEET

BTS #: 070172 - DA1	Site: 98995842
Sampler: DR/PO	Date: 1/22/07
Well I.D.: 5 - 5	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): 35.70	Depth to Water (DTW): 15.74
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd): YSI <input type="checkbox"/> HACH <input type="checkbox"/>
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.73	

Purge Method: Bailer  Disposable Bailer  Positive Air Displacement   Electric Submersible

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

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing

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

$7.4 \text{ (Gals.)} \times 3 = 22.2 \text{ Gals.}$ <p style="font-size: small; margin: 0;">1 Case Volume      Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1242	65.3	7.0	1325	84	7.4	clear / odor
1243	66.3	6.9	1249	207	14.8	light cloudy / odor
1245	66.5	6.9	1234	311	22.2	cloudy / odor

Did well dewater? Yes  No  Gallons actually evacuated: 22.2

Sampling Date: 1/22/07      Sampling Time: 1315      Depth to Water: 19.70

Sample I.D.: 5 - 5      Laboratory: STL      Other:  DR

Analyzed for:  TPH  BTEX      MTBE      TPH-D      Other: Oxy's (5), Ethanol

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

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

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

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



## SHELL WELL MONITORING DATA SHEET

BTS #: 070122-DL1	Site: 98995842
Sampler: DR/SD	Date: 1/22/07
Well I.D.: 5 - 5C	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 77.00	Depth to Water (DTW): 27.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.72	

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

31.9 (Gals.) X	3	=	95.7 Gals.	
1 Case Volume	Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1139	65.8	7.5	4515	31	31.9	clear / odor
1144	66.4	7.5	4543	14	63.8	"
1150	66.1	7.5	4586	11	95.7	"

Did well dewater? Yes  No  Gallons actually evacuated: 95.7

Sampling Date: 1/22/07      Sampling Time: 1155      Depth to Water: 34.85

Sample I.D.: 5 - 5C      Laboratory: STL      Other: TL

Analyzed for: TPH-G BTEX MTBE TPH-D      Other: Oxys (S), Ethanol

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 070122-DR1	Site: 98995842
Sampler: DR / <del>SD</del>	Date: 1/22/07
Well I.D.: 5 - 6	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth (TD): 34.25	Depth to Water (DTW): 14.14
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVE <input type="radio"/> Grade	D.O. Meter (if req'd): YSI <input type="radio"/> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.6	

Purge Method:  Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible

Watera  Peristaltic  Extraction Pump  Other \_\_\_\_\_

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

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

7.4 (Gals.) X 3 = 22.2 Gals.

1 Case Volume      Specified Volumes      Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1000	60.8	6.7	2315	122	7.4	clear/odor!
1001	64.4	6.7	2500	137	14.8	
0002	65.2	6.7	2456	140	22.2	clear

Did well dewater? Yes  No  Gallons actually evacuated: 22.2

Sampling Date: 1/22/07      Sampling Time: 1008      Depth to Water: 18.22 TR

Sample I.D.: 5 - 6      Laboratory: STL      Other: ~~TR~~

Analyzed for:  TPH-G  BTEX  MTBE  TPH-D      Other: Oxy's (5), Ethanol

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 070122-DN1	Site: 98995842
Sampler: <u>DP/TD</u>	Date: 1/22/07
Well I.D.: <u>5 - 7</u>	Well Diameter: 2 <u>(3)</u> 4 6 8
Total Well Depth (TD): <u>34.46</u>	Depth to Water (DTW): <u>34.46</u> <u>17.24</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>20.68</u>	

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

$\frac{6.4}{1} \text{ (Gals.)} \times 3 = 19.2 \text{ Gals.}$ <p>1 Case Volume      Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1001	62.9	6.9	2565	92	6.4	clear
1003	66.4	6.8	2176	59	12.8	"
1004	66.5	6.9	2209	51	19.2	"

Did well dewater? Yes  No  Gallons actually evacuated: 19.2

Sampling Date: 1/22/07 Sampling Time: 1010 Depth to Water: 29.21 *Tranfax*

Sample I.D.: 5 - 7 Laboratory: STL Other (TR)

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

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

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 070122-DR1	Site: 989958412
Sampler: DR/DB	Date: 1/22/07
Well I.D.: 5 - 8	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 34.43	Depth to Water (DTW): 15.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.94	

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

$7.1$ (Gals.) X $3$ = $21.3$ Gals. 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1117	60.0	6.9	3668	425	7.1	cloudy/grey
1118	63.4	6.7	3710	88	14.2	-clear
1119	65.4	6.8	3692	101	21.3	clear
Draws down! DTW @ 27.10 @ 1120						
waited until 1230 to sample @ 18.50 DTW						
Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Gallons actually evacuated: 21.3				
Sampling Date: 1/22/07		Sampling Time: 1230		Depth to Water: 18.50		
Sample I.D.: 5 - 8		Laboratory: STL Other <u>TA</u>				
Analyzed for: <u>TPH-G</u> <u>BTEX</u> MTBE TPH-D		Other: <u>oxy's (5)</u> , <u>Ethanol</u>				
EB I.D. (if applicable):		Duplicate I.D. (if applicable):				
Analyzed for: TPH-G BTEX MTBE TPH-D		Other:				
D.O. (if req'd):	Pre-purge:	mg/L		Post-purge:	mg/L	
O.R.P. (if req'd):	Pre-purge:	mV		Post-purge:	mV	

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## SHELL WELL MONITORING DATA SHEET

BTS #: 070122-DR1	Site: 98995842
Sampler: DR/JR	Date: 1/22/07
Well I.D.: 5-9	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 34.49	Depth to Water (DTW): 17.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.23	

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

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

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

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
0826	61.9	6.7	2689	34	6.1	clear
0827	64.6	6.8	2690	21	12.2	"
0829	64.9	6.8	2669	42	18.3	"

Did well dewater? Yes  No  Gallons actually evacuated: 18.3

Sampling Date: 1/22/07      Sampling Time: 0835      Depth to Water: 21.21

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

Analyzed for: TPH BTEX MTBE TPH-D      Other: Oxys (5), Ethanol

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

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

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





## SHELL WELL MONITORING DATA SHEET

BTS #: 070122-DR1	Site: 989958-12
Sampler: DR/SD	Date: 1/22/07
Well I.D.: 5 - 9C	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 77.90	Depth to Water (DTW): 26.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.79	

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

$33.0 \text{ (Gals.)} \times 3 = 99 \text{ Gals.}$ 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 $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
0830	63.3	7.1	4488	1000	33.0	cloudy/white
0836	64.7	7.3	4460	423	66.0	less cloudy.
0838	De-watered		@ 70 gallons -			
1035	64.0	7.5	4350	1000	-	-

Did well dewater?  Yes    No      Gallons actually evacuated: 70.0

Sampling Date: 1/22/07    Sampling Time: 1038    Depth to Water: 36.50

Sample I.D.: 5 - 9C      Laboratory: STL    Other: TR

Analyzed for: PH BTEX MTBE TPH-D    Other: oxys (5), Ethanol

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 070122 - DR1	Site: 989958+12
Sampler: DR / TD	Date: 1/22/07
Well I.D.: 5 - 10	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): 34.40	Depth to Water (DTW): 14.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.44	

Purge Method: Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible  Other \_\_\_\_\_

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

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

$7.4 \text{ (Gals.)} \times 3 = 22.2 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="border-collapse: collapse; font-size: small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> + 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> + 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> + 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
0935	59.7	6.9	2446	230	22.27.4	TR -
0946	62.0	6.9	1739	178	44.614.8	clear
0950	63.0	6.8	1660	133	TD 22.2	clear

Did well dewater? Yes  No  Gallons actually evacuated: 23.0

Sampling Date: 1/22/07      Sampling Time: 0940      Depth to Water: 17.21 TR

Sample I.D.: 5 - 10      Laboratory: STL      Other: TR

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

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 070122 - DR1	Site: 98995842
Sampler: DR/3D	Date: 1/22/07
Well I.D.: 5 - 11	Well Diameter: ② 3 4 6 8
Total Well Depth (TD): 25.05	Depth to Water (DTW): 17.27
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.83	

Purge Method:  Bailer       Disposable Bailer       Positive Air Displacement       Electric Submersible

Water:  Peristaltic       Extraction Pump       Other

Sampling Method:  Bailer       Disposable Bailer       Extraction Port       Dedicated Tubing

Other:

$1.2 \text{ (Gals.)} \times 3 = 3.6 \text{ Gals.}$ <p style="font-size: small; margin: 0;">I Case Volume      Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
933	62.1	6.7	3214	52	1.2	clear
936	64.7	6.7	3246	71	2.4	"
939	64.7	6.7	3257	102	3.6	"

Did well dewater? Yes  No  Gallons actually evacuated: 3.6

Sampling Date: 1/22/07      Sampling Time: 945      Depth to Water: 18.29 *initial*

Sample I.D.: 5 - 11      Laboratory: STL      Other: TH

Analyzed for: PHG BTEX MTBE TPH-D Other: Oxys (5), Ethanol

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

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

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

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## SHELL WELL MONITORING DATA SHEET

BTS #: 070122 - DR1	Site: 98995842
Sampler: DR / <u>(TD)</u>	Date: 1/22/07
Well I.D.: 5 - 12	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth (TD): 24.80	Depth to Water (DTW): 17.05
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]: 18.29	

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

$1.2 \text{ (Gals.)} \times 3 = 3.6 \text{ Gals.}$ <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
1027	66.1	7.0	2596	395	1.2	dark, cloudy
1029	66.4	6.9	2610	857	2.4	-
1031	66.8	6.8	2630	1000	3.6	dark brown

Did well dewater? Yes  No  Gallons actually evacuated: 3.6

Sampling Date: 1/22/07      Sampling Time: 1040      Depth to Water: 18.80

Sample I.D.: 5 - 12      Laboratory: STL      Other: (TD)

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

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

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

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

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## SHELL WELL MONITORING DATA SHEET

BTS #: 070122 - DR1	Site: 98995842
Sampler: DR / <del>DR</del>	Date: 1/22/07
Well I.D.: SR-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 33.34	Depth to Water (DTW): <del>+3.34</del> → 13.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.33	

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

*ext. pump in well - not running*

$13.0 \text{ (Gals.)} \times 3 = 39.0 \text{ Gals.}$ I Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1235	69.0	7.1	2780	36	13.0	clear/strong odor
1238	68.0	6.9	2581	17	26.0	clear/odor
1241	69.4	6.9	2560	12	39.0	-clear/odor
<i>Draws down DTW @ 21.00 @ 1241</i>						
<i>waited until 1315 to sample @ 80% - fast recharge!</i>						

Did well dewater? Yes  No       Gallons actually evacuated: 39.0

Sampling Date: 1/22/07      Sampling Time: ~~1244~~ <sup>1315</sup>      Depth to Water: 16.00

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

Analyzed for: TPH BTEX MTBE TPH-D      Other: oxys (5), Ethanol

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

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

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