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Alameda County
Environmental Health

April 4, 2008
Project No. SCA6750S1
SAP: 135786

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

Re: **Quarterly Groundwater Monitoring and Remediation Status Report**
First Quarter 2008
Shell Service Station
6750 Santa Rita Road
Pleasanton, California

DELTA

Dear Mr. Wickham:

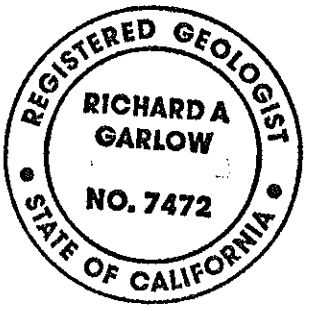
On behalf of Shell Oil Products US (SHELL), Delta Consultants (DELTA) has prepared this *First Quarter 2008 Groundwater Monitoring and Remediation Status Report* for the above referenced site. The sampling activities at the site were conducted by Blaine Tech Services, Inc. under contract to SHELL and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

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

Should you have any questions or comments regarding this report, please do not hesitate to contact Mr. Richard Garlow (DELTA) at (408) 826-1880 or Denis Brown (SHELL) at (707) 865-0251.

Sincerely,
Delta Consultants

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



Attachment: First Quarter 2008 Groundwater Monitoring and Remediation Status Report

cc: Denis Brown, Shell Oil Products US
Betty Graham, Regional Water Quality Control Board, San Francisco Bay Region
Beverly Howell, GS Management (property owner rep), Pleasanton

April 4, 2008

SHELL QUARTERLY STATUS REPORT

Station Address:	6750 Santa Rita Rd, Pleasanton, CA
DELTA Project No.:	SCA6750S1
SHELL Project Manager / Phone No.:	Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.:	Richard Garlow / (408) 826-1880
Primary Agency / Regulatory ID No.:	Alameda County Environmental Health / Mr. Jerry Wickham
Other Agencies to Receive Copies:	Regional Water Quality Control Board – San Francisco Bay

WORK PERFORMED THIS QUARTER (FIRST - 2008):

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

WORK PROPOSED FOR NEXT QUARTER (SECOND - 2008):

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

Current Phase of Project:	Groundwater Monitoring
Site Use:	Shell Service Station
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Frequency of System Sampling:	N/A
Frequency of System Monitoring:	N/A
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date:	None
SPH Recovered This Quarter:	None
Groundwater Removed this Quarter:	56.4 gallons were recovered on January 22, 2008
Receptors in Site Vicinity:	Drinking Water Well (3S/1E 5J3) is located 1,742 feet southwest of site location.
Site Lithology:	Approximately 40 feet of silty and clayey soils over lying approximately 15 feet of interbedded sands and silty sands, silty and clayey soils, and silty sands and sandy silts. This is underlain by up to 65 feet of silty and clayey soils. There maybe a two to three foot thick sandy and silty sand bed at a depth of approximately 100 feet.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	18.71 to 23.38 feet below top of casing.
Groundwater Gradient:	Site groundwater flow is southerly at an average gradient of 0.02 ft/ft.
Current Agency Correspondence:	None

April 4, 2008

SHELL QUARTERLY STATUS REPORT (CONT.)

Site History:

Case Opening	October 2002, GRASP Well Installation
On-Site Assessment	October 2002, GRASP Well Installation
Off-Site Assessment	1/05, Install MW-5; 2004, CPT Investigation; 2005 Install MW-6 and MW-7
Passive Remediation	Monitor natural attenuation
Active Remediation	None
Closure	None
Summary of Unusual Activity:	None

Discussion: Plume appears stable; TBA was not detected above reporting limit in any well. TPPH concentrations were detected in onsite wells MW-2 through MW-4. MTBE concentrations were detected in onsite wells MW-1 through MW-4. Offsite, down-gradient wells have no detectable petroleum hydrocarbon related constituents of concern.

ATTACHED:

- Table 1 – Well Concentrations
- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map
- Figure 3 –Groundwater Hydrocarbon Distribution Map
- Appendix A – Field Data Sheets
- Appendix B – Field Procedures
- Appendix C – Laboratory Report and Chain-of-Custody Document

TABLE

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita 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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.75	NA
MW-1	12/22/2002	<50	81	<0.50	<0.50	<0.50	<0.50	62	<2.0	<2.0	<2.0	<50	NA	NA	NA	31.93	NA
MW-1	3/28/2003	<50	70	<0.50	<0.50	<0.50	<1.0	130	<2.0	<2.0	<2.0	43	NA	NA	343.48	31.59	311.89
MW-1	5/9/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	280	<10	<10	<10	200	NA	NA	343.48	31.10	312.38
MW-1	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.65	311.83
MW-1	7/8/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	160	<10	<10	<10	170	NA	NA	343.48	30.90	312.58
MW-1	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.53	311.95
MW-1	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.95	313.53
MW-1	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.99	313.49
MW-1	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	30.02	313.46
MW-1	10/3/2003	<500	NA	<5.0	<5.0	<5.0	<10	810	<20	<20	<20	540	NA	NA	343.48	29.89	313.59
MW-1	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.38	312.10
MW-1	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.71	313.77
MW-1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.72	313.76
MW-1	1/6/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	400	<10	<10	<10	280	NA	NA	343.48	29.16	314.32
MW-1	4/6/2004	<1,300	NA	<13	<13	<13	<25	3,300	NA	NA	NA	3,500	NA	NA	343.48	31.38	312.10
MW-1	7/30/2004	<1,300	NA	<13	<13	<13	<25	1,000	NA	NA	NA	600	NA	NA	343.48	28.51	314.97
MW-1	10/7/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	530	NA	NA	NA	390	NA	NA	343.48	28.55	314.93
MW-1	1/26/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	320	<10	<10	<10	130	NA	NA	343.48	27.35	316.13
MW-1	4/14/2005	<150	NA	<1.5	<1.5	<1.5	<1.5	720	NA	NA	NA	260	NA	NA	343.48	26.70	316.78
MW-1	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	270	NA	NA	NA	150	NA	NA	343.48	26.33	317.15
MW-1	10/20/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	39	NA	NA	NA	<25	NA	NA	343.48	27.12	316.36
MW-1	1/27/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	30.1	NA	NA	NA	<10.0	NA	NA	343.48	25.25	318.23
MW-1	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	16.9	NA	NA	NA	12.4	NA	NA	343.48	21.37	322.11
MW-1	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	22.5	NA	NA	NA	<10.0	NA	NA	343.48	22.35	321.13
MW-1	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	1.7	NA	NA	NA	<5.0	NA	NA	343.48	22.67	320.81
MW-1	1/22/2007	<50 d,f	NA	<0.50 d,f	<0.50 d,f	<0.50 d,f	<0.50 d,f	17 d,f	<0.50 d,f	<0.50 d,f	<0.50 d,f	<20 d,f	NA	NA	343.48	21.76	321.72

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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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	1.5	NA	NA	NA	<10	NA	NA	343.48	21.20	322.28
MW-1	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	5.6	NA	NA	NA	<10	NA	NA	343.48	21.98	321.50
MW-1	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	19	NA	NA	NA	<10	NA	NA	343.48	21.61	321.87
MW-1	**1/22/2008**	**<50 g**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**3.9**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**343.48**	**23.38**	**320.10**
MW-2	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.25	NA
MW-2	12/22/2002	<200	120	<2.0	<2.0	<2.0	<2.0	660	<2.0	<2.0	<2.0	<50	NA	NA	NA	30.70	NA
MW-2	3/28/2003	<2,500	60	<25	<25	<25	<50	4,200	<100	<100	<100	2,500	NA	NA	342.86	30.30	312.56
MW-2	5/9/2003	<2,500	NA	<25	<25	<25	<50	4,000	<100	<100	<100	3,200	NA	NA	342.86	29.83	313.03
MW-2	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.45	312.41
MW-2	7/8/2003	<2,000	NA	<20	<20	<20	<40	2,800	<80	<80	<80	2,900	NA	NA	342.86	29.86	313.00
MW-2	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.33	312.53
MW-2	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.33	313.53
MW-2	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.98	312.88
MW-2	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.21	312.65
MW-2	10/3/2003	<2,000	NA	<20	<20	<20	<40	3,600	<80	<80	<80	3,000	NA	NA	342.86	30.43	312.43
MW-2	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.79	313.07
MW-2	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.00	312.86
MW-2	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.14	312.72
MW-2	1/6/2004	<5,000	NA	<50	<50	<50	<100	4,500	<200	<200	<200	1,900	NA	NA	342.86	30.05	312.81
MW-2	4/6/2004	<2,000	NA	<20	<20	<20	<40	4,600	NA	NA	NA	5,100	NA	NA	342.86	29.30	313.56
MW-2	7/30/2004	<500	NA	<5.0	<5.0	<5.0	<10	1,000	NA	NA	NA	950	NA	NA	342.86	28.80	314.06
MW-2	10/7/2004	<2,500	NA	<25	<25	<25	<50	6,300	NA	NA	NA	6,500	NA	NA	342.86	28.02	314.84
MW-2	1/26/2005	<1,300	NA	<13	<13	<13	<25	2,100	<50	<50	<50	2,300	NA	NA	342.86	33.12	309.74
MW-2	4/14/2005	<500	NA	<5.0	<5.0	<5.0	<5.0	2,400	NA	NA	NA	1,100	NA	NA	342.86	25.55	317.31
MW-2	7/29/2005	<2,500	NA	<25	<25	<25	<50	3,900	NA	NA	NA	1,500	NA	NA	342.86	25.98	316.88
MW-2	10/20/2005	<2,500	NA	<25	<25	<25	<50	2,500	NA	NA	NA	480	NA	NA	342.86	25.91	316.95
MW-2	1/27/2006	2,410	NA	<0.500	<0.500	<0.500	<0.500	3,160	NA	NA	NA	97.0	NA	NA	342.86	24.40	318.46

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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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	4/20/2006	<50.0	NA	<0.500	0.880	<0.500	1.16	278	NA	NA	NA	72.2	NA	NA	342.86	25.85	317.01
MW-2	7/12/2006	1,120	NA	<0.500	<0.500	<0.500	<0.500	1,100	NA	NA	NA	<10.0	NA	NA	342.86	21.72	321.14
MW-2	10/20/2006	690 c	NA	<0.50	<0.50	<0.50	<0.50	1,100	NA	NA	NA	<5.0	NA	NA	342.86	21.72	321.14
MW-2	1/22/2007	730	NA	<10	<10	<10	<10	990	<10	<10	<10	<400	NA	NA	342.86	21.13	321.73
MW-2	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	1,100	NA	NA	NA	40	NA	NA	342.86	20.35	322.51
MW-2	7/5/2007	360 g,h	NA	<5.0	<10	<10	<10	650	NA	NA	NA	<100	NA	NA	342.86	20.44	322.42
MW-2	10/26/2007	460 g,h	NA	<5.0	<10	<10	<10	690	NA	NA	NA	<100	NA	NA	342.86	19.94	322.92
MW-2	**1/22/2008**	**250 g,h**	**NA**	**<5.0**	**<10**	**<10**	**<10**	**720**	**<20**	**<20**	**<20**	**<100**	**NA**	**NA**	**342.86**	**18.71**	**324.15**
MW-3	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.65	NA
MW-3	12/22/2002	<2,000	72	<20	<20	<20	<20	8,000	<20	<20	<20	1,500	NA	NA	NA	31.10	NA
MW-3	3/28/2003	<5,000	89	<50	<50	<50	<100	10,000	<200	<200	<200	6,100	NA	NA	342.23	30.76	311.47
MW-3	5/9/2003	11,000	NA	<100	<100	<100	<200	15,000	<400	<400	<400	9,300	NA	NA	342.23	30.04	312.19
MW-3	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	30.23	312.00
MW-3	7/8/2003	<10,000	NA	<100	<100	<100	<200	9,500	<400	<400	<400	2,500	NA	NA	342.23	30.11	312.12
MW-3	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.80	312.43
MW-3	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.94	312.29
MW-3	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	30.05	312.18
MW-3	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.95	312.28
MW-3	10/3/2003	<10,000	NA	<100	<100	<100	<200	8,800	<400	<400	<400	6,600	NA	NA	342.23	29.97	312.26
MW-3	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.97	312.26
MW-3	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.94	312.29
MW-3	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.43	312.80
MW-3	1/6/2004	<5,000	NA	<50	<50	<50	<100	9,800	<200	<200	<200	3,800	NA	NA	342.23	29.25	312.98
MW-3	4/6/2004	<5,000	NA	<50	<50	<50	<100	4,200	NA	NA	NA	2,100	NA	NA	342.23	28.82	313.41
MW-3	7/30/2004	<2,500	NA	<25	<25	<25	<50	3,000	NA	NA	NA	1,200	NA	NA	342.23	28.73	313.50
MW-3	10/7/2004	<1,000	NA	<10	<10	<10	<20	860	NA	NA	NA	320	NA	NA	342.23	28.72	313.51
MW-3	1/26/2005	<500	NA	<5.0	<5.0	<5.0	<10	820	<20	<20	<20	250	NA	NA	342.23	26.50	315.73

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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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	4/14/2005	<400	NA	<4.0	<4.0	<4.0	<4.0	2,200	NA	NA	NA	590	NA	NA	342.23	26.15	316.08
MW-3	7/29/2005	<2,500	NA	<25	<25	<25	<50	3,100	NA	NA	NA	1,700	NA	NA	342.23	25.50	316.73
MW-3	10/20/2005	<2,000	NA	<20	<20	<20	<40	1,700	NA	NA	NA	220	NA	NA	342.23	26.85	315.38
MW-3	1/27/2006	808	NA	<0.500	<0.500	<0.500	<0.500	736	NA	NA	NA	39.4	NA	NA	342.23	24.95	317.28
MW-3	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	364	NA	NA	NA	<10.0	NA	NA	342.23	21.51	320.72
MW-3	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	120	NA	NA	NA	<10.0	NA	NA	342.23	22.52	319.71
MW-3	10/20/2006	220 c	NA	<0.50	<0.50	<0.50	<0.50	260	NA	NA	NA	<5.0	NA	NA	342.23	22.01	320.22
MW-3	1/22/2007	290 d,e,f	NA	<2.5 d,f	<2.5 d,f	<2.5 d,f	<2.5 d,f	450 d,f	<2.5 d,f	<2.5 d,f	<2.5 d,f	<100 d,f	NA	NA	342.23	21.95	320.28
MW-3	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	340	NA	NA	NA	<10	NA	NA	342.23	20.31	321.92
MW-3	7/5/2007	120 g,h	NA	<1.0	<2.0	<2.0	<2.0	190	NA	NA	NA	<20	NA	NA	342.23	20.82	321.41
MW-3	10/26/2007	190 g,h	NA	<1.0	<2.0	<2.0	<2.0	340	NA	NA	NA	<20	NA	NA	342.23	21.40	320.83
MW-3	**1/22/2008**	**140 g,h**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**250**	**<4.0**	**<4.0**	**<4.0**	**<20**	**NA**	**NA**	**342.23**	**19.42**	**322.81**
MW-4	12/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.92	NA
MW-4	12/22/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	93	<2.0	<2.0	<2.0	<50	NA	NA	NA	32.20	NA
MW-4	3/28/2003	<50	67	<0.50	<0.50	<0.50	<1.0	2.4	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	32.07	311.37
MW-4	5/9/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	75	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	31.35	312.09
MW-4	6/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.42	312.02
MW-4	7/8/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	18	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	31.42	312.02
MW-4	7/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.20	312.24
MW-4	7/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.05	312.39
MW-4	8/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.20	312.24
MW-4	9/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.15	312.29
MW-4	10/3/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	23	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	31.10	312.34
MW-4	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.14	312.30
MW-4	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	30.92	312.52
MW-4	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	30.82	312.62
MW-4	1/6/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	40	<2.0	<2.0	<2.0	<5.0	NA	NA	343.44	30.24	313.20

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita 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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	4/6/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	16	NA	NA	NA	<5.0	NA	NA	343.44	30.10	313.34
MW-4	7/30/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	25	NA	NA	NA	<5.0	NA	NA	343.44	29.75	313.69
MW-4	10/7/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	35	NA	NA	NA	<5.0	NA	NA	343.44	29.79	313.65
MW-4	1/26/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	450	<10	<10	<10	43	NA	NA	343.44	27.60	315.84
MW-4	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	210	NA	NA	NA	<5.0	NA	NA	343.44	27.40	316.04
MW-4	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	57	NA	NA	NA	11	NA	NA	343.44	26.68	316.76
MW-4	10/20/2005	<50 a	NA	<0.50	<0.50	<0.50	<1.0	44	NA	NA	NA	<5.0	NA	NA	343.44	27.72	315.72
MW-4	1/27/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	98.4	NA	NA	NA	<10.0	NA	NA	343.44	28.90	314.54
MW-4	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	254	NA	NA	NA	<10.0	NA	NA	343.44	22.30	321.14
MW-4	7/12/2006	313	NA	<0.500	<0.500	<0.500	<0.500	358	NA	NA	NA	<10.0	NA	NA	343.44	23.54	319.90
MW-4	10/20/2006	450 c	NA	<0.50	<0.50	<0.50	<0.50	590	NA	NA	NA	<5.0	NA	NA	343.44	22.04	321.40
MW-4	1/22/2007	310	NA	<5.0	<5.0	<5.0	<5.0	410	<5.0	<5.0	<5.0	<200	NA	NA	343.44	22.93	320.51
MW-4	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	350	NA	NA	NA	<10	NA	NA	343.44	21.30	322.14
MW-4	7/5/2007	160 g,h	NA	<1.0	<2.0	<2.0	<2.0	260	NA	NA	NA	<20	NA	NA	343.44	22.00	321.44
MW-4	10/26/2007	150 g,h	NA	<1.0	<2.0	<2.0	<2.0	230	NA	NA	NA	<20	NA	NA	343.44	22.03	321.41
MW-4	**1/22/2008**	**110 g,h**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**180**	**<4.0**	**<4.0**	**<4.0**	**<20**	**NA**	**NA**	**343.44**	**20.70**	**322.74**
MW-5	2/8/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.88	26.83	314.05
MW-5	2/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	5.1	<2.0	<2.0	<2.0	<5.0	NA	NA	340.88	27.13	313.75
MW-5	4/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	26.44	314.44
MW-5	7/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	26.73	314.15
MW-5	10/20/2005	56	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	26.95	313.93
MW-5	1/27/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	340.88	26.15	314.73
MW-5	4/20/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	340.88	22.21	318.67
MW-5	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	340.88	23.72	317.16
MW-5	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	340.88	23.34	317.54
MW-5	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	NA	NA	340.88	22.65	318.23
MW-5	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	340.88	23.83	317.05

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita 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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	340.88	21.19	319.69
MW-5	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	2.2	NA	NA	NA	<10	NA	NA	340.88	21.99	318.89
MW-5	**1/22/2008**	**<50 g**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**340.88**	**19.80**	**321.08**
MW-6	12/1/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.97	27.44	315.53
MW-6	12/7/2005	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.020	342.97	26.15	316.82
MW-6	1/27/2006	<50.0	230	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	342.97	24.95	318.02
MW-6	4/20/2006	<50.0	<50.0 b	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	342.97	23.51	319.46
MW-6	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	342.97	23.92	319.05
MW-6	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	342.97	24.02	318.95
MW-6	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	NA	NA	342.97	23.54	319.43
MW-6	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	23.06	319.91
MW-6	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	21.85	321.12
MW-6	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	342.97	22.45	320.52
MW-6	**1/22/2008**	**<50 g**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**342.97**	**21.72**	**321.25**
MW-7	12/1/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	341.21	27.48	313.73
MW-7	12/7/2005	<50	190	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.020	341.21	27.29	313.92
MW-7	1/27/2006	<50.0	<100	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	341.21	25.10	316.11
MW-7	4/20/2006	<50.0	<48.7 b	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	341.21	22.71	318.50
MW-7	7/12/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	NA	NA	341.21	23.40	317.81
MW-7	10/20/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	NA	NA	341.21	23.63	317.58
MW-7	1/22/2007	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	NA	NA	341.21	22.68	318.53
MW-7	4/11/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	24.51	316.70
MW-7	7/5/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	21.40	319.81
MW-7	10/26/2007	<50 g	NA	<0.50	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	<10	NA	NA	341.21	21.72	319.49
MW-7	**1/22/2008**	**<50 g**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**NA**	**NA**	**341.21**	**20.36**	**320.85**

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita 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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.

MTBE = Methyl tertiary butyl ether

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

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

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

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

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

EDB = 1,2-Dibromoethane or Ethylene dibromide, analyzed by EPA Method 504.1

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita 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 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Notes:

a = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

b = Diesel with Silica gel clean-up.

c = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.

d = The sample, as received, was not preserved in accordance to the referenced analytical method.

e = Hydrocarbon result partly due to individual peak(s) in quantitation range.

f = pH=5

g = Analyzed by EPA Method 8015B (M).

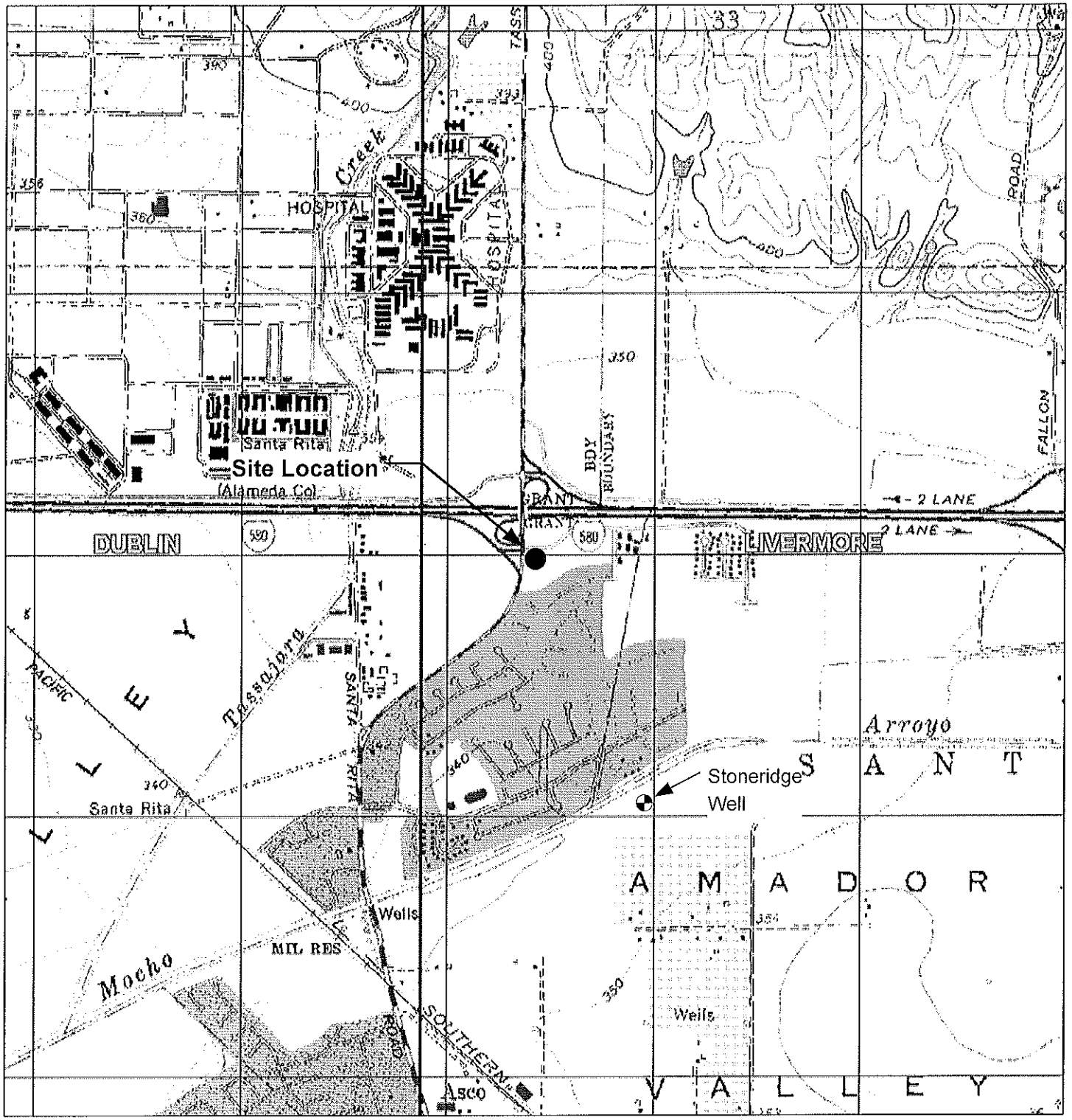
h = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Site surveyed November 22, 2002 by Mid Coast Engineers.

MW-5 surveyed January 31, 2005 by Mid Coast Engineers of Watsonville, CA.

Wells MW-6 and MW-7 surveyed December 19, 2005 by Mid Coast Engineers.

FIGURES



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

North

QUADRANGLE LOCATION

0 1,800 3,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

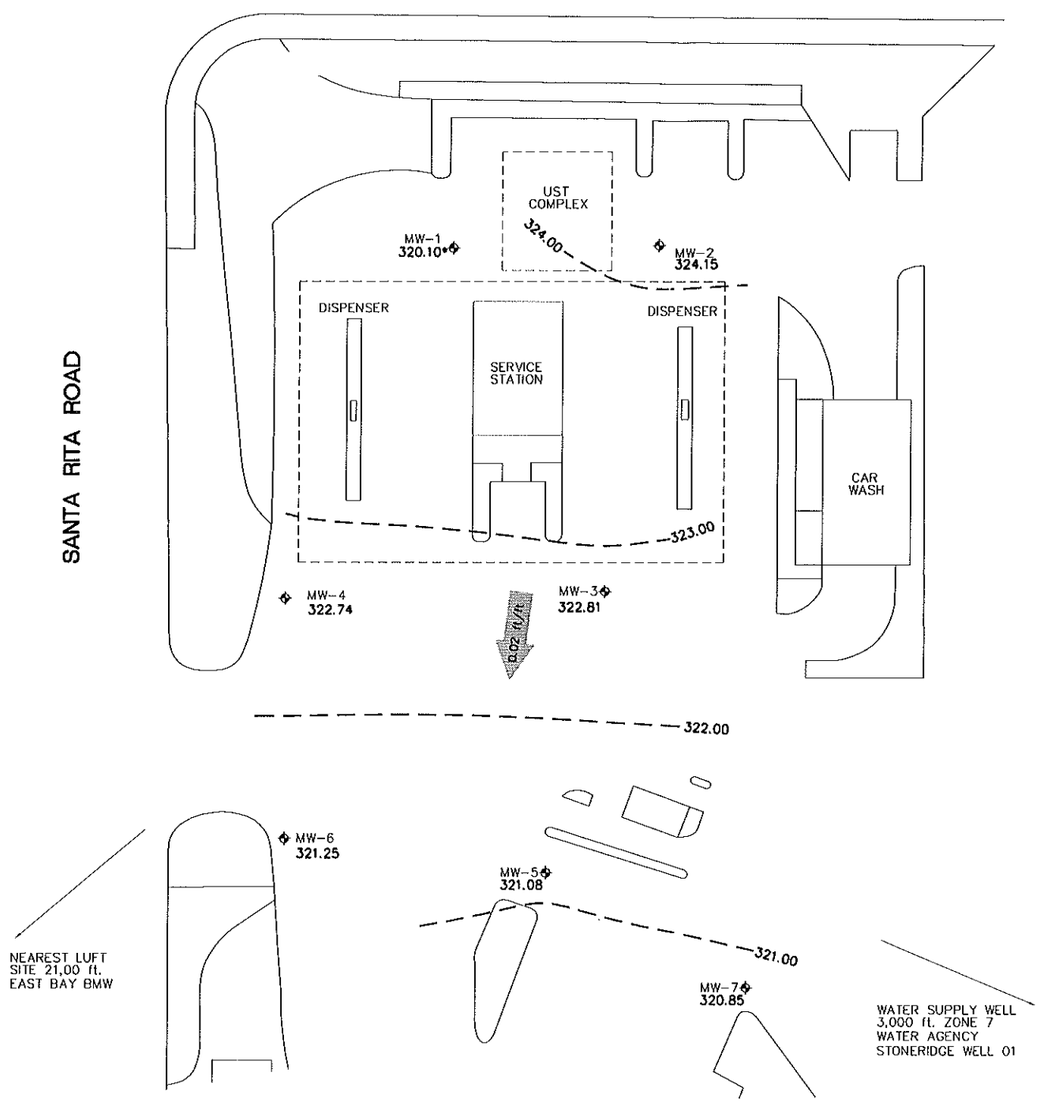
SHELL-BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ6750SIX	DRAWN BY VF 12/04/03
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY

DELTA CONSULTANTS

PIMLICO DRIVE

SANTA RITA ROAD



N
W E
S

LEGEND

MW-1 ◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
320.10	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
322.00 — — —	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=1.00 FEET
0.02 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
•	NOT USED IN CONTOURING

0 20 40
SCALE IN FEET

DRAWN BY	CHECKED BY	APPROVED BY	PROJECT NUMBER
ICD 02/26/08			SCA6750S1

DELTA CONSULTANTS

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

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP
01/22/08
6750 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

FILENAME: SCA6750S1_0801.DWG|FIG2_GWCONTOURS

PROJECT NUMBER SCA6750S1

APPROVED BY

CHECKED BY

DRAWN BY ICD 02/26/08

PIMLICO DRIVE

SANTA RITA ROAD

MW-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/22/08	ND<50	ND<0.50	3.9	ND<10

MW-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/22/08	250 h	ND<5.0	720	ND<100

MW-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/22/08	140 h	ND<1.0	250	ND<20

MW-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/22/08	110 h	ND<1.0	180	ND<20

MW-5				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/22/08	ND<50	ND<0.50	ND<1.0	ND<10

MW-6				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/22/08	ND<50	ND<0.50	ND<1.0	ND<10

MW-7				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
01/22/08	ND<50	ND<0.50	ND<1.0	ND<10

UST COMPLEX

DISPENSER

SERVICE STATION

DISPENSER

CAR WASH

MW-1

MW-2

MW-3

MW-4

MW-5

MW-6

MW-7

0.02 ft/ft

NEAREST LUFT SITE 21,00 ft. EAST BAY BMW

WATER SUPPLY WELL 3,000 ft. ZONE 7 WATER AGENCY STONERIDGE WELL 01

N

W E

S

LEGEND

MW-1 ◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
TPH-g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE	METHYL TERT-BUTYL ETHER
TBA	TERT-BUTYL ALCOHOL
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
0.02 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
h	THE SAMPLE CHROMATOGRAPHIC PATTERN FOR TPH DOES NOT MATCH THE PATTERN OF THE SPECIFIED STANDARD. QUANTITATION OF THE UNKNOWN HYDROCARBON(S) WAS BASED UPON THE SPECIFIED STANDARD

0 20 40 SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 3
GROUNDWATER HYDROCARBON DISTRIBUTION MAP
01/22/08
6750 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

FILENAME: SCA6750S1_08Q1.DWG|FIG3_HYDROCARBONS

APPENDIX A

FIELD DATA SHEETS

WELL GAUGING DATA

Project # 080122-1W1 Date 01/22/08 Client SHELL

Site 6750 SANTA RITA RD., PLEASANTON

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-6	0810	2					21.72	28.83		
MW-5	0815	2					19.80	32.81		
MW-7	0819	2					20.36	28.85		
MW-1	0835	2					23.38	41.51		
MW-2	0849	2					18.71	41.32		
MW-3	0843	2					19.42	43.96		
MW-4	0828	2					20.70	43.91		

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 6750 SANTA RITA RD., PLEASANT HILL Date 1/22/08

Job Number 080122-IW1 Technician IW Page 1 of 1

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
MW-1	X	X							
MW-2	X	X	X						
MW-3			X	X				2"	CAP BROKEN @ LOCK → REPLACED
MW-4	X	X	X						
MW-5	X	X							
MW-6	X	X							
MW-7	X	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: MW-3 2" CAP REPLACED → BROKEN AT LOCK.

SHELL WELL MONITORING DATA SHEET

BTS #: 080122-IW1	Site: 6750 SANTA RITA RD., PLEASANTON
Sampler: IW	Date: 01/22/08
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 41.51	Depth to Water (DTW): 23.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.01	

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

Sampling Method: X Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

2.9 (Gals.) X 3 = 8.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1136	62.1	7.37	2013	294	2.9	CLEAR
1143	63.4	7.44	1979	327	5.8	"
1148	63.8	7.46	1987	400	8.7	"

Did well dewater? Yes (No) Gallons actually evacuated: 8.7

Sampling Date: 1/22/08 Sampling Time: 1154 Depth to Water: 23.30

Sample I.D.: MW-1 Laboratory: STL Other Cal Science

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

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 #: 080122-IW1	Site: 6750 SANTA RITA RD., PLEASANTON
Sampler: IW	Date: 01/22/08
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 41.32	Depth to Water (DTW): 18.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.23	

Purge Method: X Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ___

Sampling Method: X Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ___

3.6 (Gals.) X 3 = 10.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1415	61.7	7.42	2255	>1000	3.6	CLOUDY
1422	62.0	7.39	2312	>1000	7.2	"
1428	61.2	7.40	2337	>1000	10.8	"

Did well dewater? Yes (No) Gallons actually evacuated: 10.8

Sampling Date: 1/22/08 Sampling Time: 1435 Depth to Water: 21.87

Sample I.D.: MW-2 Laboratory: STL Other Cal Science

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

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 #: 080122-IW1	Site: 6750 SANTA RITA RD., PLEASANTON
Sampler: IW	Date: 01/22/08
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 43.86	Depth to Water (DTW): 19.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 24.31	

Purge Method: X Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: X Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

3.9 (Gals.) X	3	=	11.7 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1330	62.0	7.36	3442	>1000	3.9	CLOUDY
1338	63.0	7.33	3479	663	7.8	"
1346	62.7	7.36	3485	626	11.7	
					DTW = 21.26	

Did well dewater? Yes (No) Gallons actually evacuated: 11.7

Sampling Date: 1/22/08 Sampling Time: 1352 Depth to Water: 21.26

Sample I.D.: MW-3 Laboratory: STL Other Cal Science

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

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 #: 080122-IW1	Site: 6750 SANTA RITA RD., PLEASANTON
Sampler: IW	Date: 01/22/08
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 43.91	Depth to Water (DTW): 20.70
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.34	

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

3.7 (Gals.) X 3 = 11.1 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1213	62.2	7.31	1917	926	3.7	Cloudy
1218	62.9	7.25	1890	>1000	7.4	odor cloudy
1225	62.4	7.30	1932	>1000	11.1	Strong odor

Did well dewater? Yes (No) — Gallons actually evacuated: 11.1

Sampling Date: 1/22/08 — Sampling Time: 1230 — Depth to Water: 20.91

Sample I.D.: MW-4 — Laboratory: STL Other Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D — Other: see COC

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 #: 080122-IW1	Site: 6750 SANTA RITA RD., PLEASANTON
Sampler: IW	Date: 1/22/08
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 32.81	Depth to Water (DTW): 19.80
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.40	

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

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

2.1 (Gals.) X	~~3~~ 3	=	6.3	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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1100	62.7	6.91	3534	249	2.1	CLOUDY
1104	64.2	6.92	3624	310	4.2	"
1109	64.6	6.94	3686	331	6.3	"

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Date: 1/22/08 Sampling Time: 1115 Depth to Water: 21.81

Sample I.D.: MW-5 Laboratory: STL Other Cal Science

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

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 #: 080122-IW1	Site: 6750 SANTA RITA RD. PLEASANTON
Sampler: IW	Date: 1/22/08
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 28.83	Depth to Water (DTW): 21.72
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.14	

Purge Method: X Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: X Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

1.2 (Gals.) X	3	=	3.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1015	62.3	6.92	2303	315	1.2	CLEAR
1019	63.0	6.86	2287	378	2.4	"
1022	63.4	6.91	2317	416	3.6	"

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Date: 1/22/08 Sampling Time: 1030 Depth to Water: 22.90

Sample I.D.: MW-6 Laboratory: STL Other Cal Science

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

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 #: 080122-1W1	Site: 6750 SANTA RITA RD, PLEASANTON
Sampler: 1W	Date: 1/22/08
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 28.85	Depth to Water (DTW): 20.36
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.06	

Purge Method: ✕Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: ✓Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:_____

1.4 (Gals.) X	3	=	4.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0940	63.4	6.65	2397	145	1.4	CLEAR
0945	64.2	6.73	2374	157	2.8	"
0949	64.6	6.83	2401	164	4.2	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: 1/22/08 Sampling Time: 0955 Depth to Water: 21.21

Sample I.D.: MW-7 Laboratory: STL Other Cal Science

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

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

APPENDIX B

FIELD PROCEDURES

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

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

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

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

INSPECTION AND GAUGING

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

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

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

EVACUATION

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

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

PARAMETER STABILIZATION

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

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

DEWATERED WELLS

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

MEASURING RECHARGE

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

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

SAMPLE CONTAINERS

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

TRIP BLANKS

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

DUPLICATES

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

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

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

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

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

DECONTAMINATION

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

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

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

DISSOLVED OXYGEN READINGS

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

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

OXYIDATON REDUCTION POTENTIAL READINGS

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

FERROUS IRON MEASUREMENTS

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

APPENDIX C

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENT

Calscience Environmental Laboratories, Inc.

February 04, 2008

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

Subject: **Calscience Work Order No.: 08-01-1769**
Client Reference: 6750 Santa Rita Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/25/2008 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Danielle Gonsman
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/25/08
1680 Rogers Avenue		Work Order No:	08-01-1769
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: 6750 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	08-01-1769-1-E	01/22/08	Aqueous	GC 24	01/25/08	01/26/08 12:00	080125B03

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	08-01-1769-2-E	01/22/08	Aqueous	GC 24	01/25/08	01/26/08 12:34	080125B03

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	250	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	08-01-1769-3-E	01/22/08	Aqueous	GC 24	01/25/08	01/26/08 13:11	080125B03

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	140	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/25/08
1680 Rogers Avenue		Work Order No:	08-01-1769
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: 6750 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-01-1769-4-E	01/22/08	Aqueous	GC 24	01/25/08	01/26/08 13:44	080125B03

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	110	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	08-01-1769-5-E	01/22/08	Aqueous	GC 24	01/25/08	01/26/08 14:17	080125B03

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	08-01-1769-6-E	01/22/08	Aqueous	GC 24	01/25/08	01/26/08 14:51	080125B03

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	38-134	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-7	08-01-1769-7-E	01/22/08	Aqueous	GC 24	01/25/08	01/26/08 15:24	080125B03

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	78	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/25/08
1680 Rogers Avenue		Work Order No:	08-01-1769
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: 6750 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-1,398**	**N/A**	**Aqueous**	**GC 24**	**01/25/08**	**01/26/08 7:34**	**080125B03**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	01/25/08
1680 Rogers Avenue	Work Order No:	08-01-1769
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: 6750 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	08-01-1769-1-A	01/22/08	Aqueous	GC/MS CC	01/29/08	01/29/08 19:57	080129L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	3.9	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	74-140			1,2-Dichloroethane-d4	121	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	88	74-110		

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	08-01-1769-2-A	01/22/08	Aqueous	GC/MS CC	01/29/08	01/29/08 20:25	080129L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	5.0	10		Methyl-t-Butyl Ether (MTBE)	720	10	10	
Ethylbenzene	ND	10	10		Tert-Butyl Alcohol (TBA)	ND	100	10	
Toluene	ND	10	10		Diisopropyl Ether (DIPE)	ND	20	10	
p/m-Xylene	ND	10	10		Ethyl-t-Butyl Ether (ETBE)	ND	20	10	
o-Xylene	ND	10	10		Tert-Amyl-Methyl Ether (TAME)	ND	20	10	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	74-140			1,2-Dichloroethane-d4	120	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	87	74-110		

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	08-01-1769-3-A	01/22/08	Aqueous	GC/MS CC	01/29/08	01/29/08 20:54	080129L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	2		Methyl-t-Butyl Ether (MTBE)	250	2.0	2	
Ethylbenzene	ND	2.0	2		Tert-Butyl Alcohol (TBA)	ND	20	2	
Toluene	ND	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
p/m-Xylene	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
o-Xylene	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	74-140			1,2-Dichloroethane-d4	117	74-146		
Toluene-d8	102	88-112			1,4-Bromofluorobenzene	88	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	01/25/08
1680 Rogers Avenue		Work Order No:	08-01-1769
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L

Project: 6750 Santa Rita Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-01-1769-4-A	01/22/08	Aqueous	GC/MS CC	01/29/08	01/29/08 21:22	080129L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	2		Methyl-t-Butyl Ether (MTBE)	180	2.0	2	
Ethylbenzene	ND	2.0	2		Tert-Butyl Alcohol (TBA)	ND	20	2	
Toluene	ND	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
p/m-Xylene	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
o-Xylene	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	115	74-140			1,2-Dichloroethane-d4	116	74-146		
Toluene-d8	99	88-112			1,4-Bromofluorobenzene	89	74-110		

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	08-01-1769-5-A	01/22/08	Aqueous	GC/MS CC	01/29/08	01/29/08 21:51	080129L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	119	74-140			1,2-Dichloroethane-d4	120	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	87	74-110		

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6	08-01-1769-6-A	01/22/08	Aqueous	GC/MS CC	01/29/08	01/29/08 22:20	080129L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	74-140			1,2-Dichloroethane-d4	121	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	89	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	01/25/08
1680 Rogers Avenue	Work Order No:	08-01-1769
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: 6750 Santa Rita Rd., Pleasanton, CA — Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-7	**08-01-1769-7-A**	**01/22/08**	**Aqueous**	**GC/MS CC**	**01/29/08**	**01/29/08 19:28**	**080129L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	74-140			1,2-Dichloroethane-d4	125	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	89	74-110		

Method Blank	099-10-006-24,254	N/A	Aqueous	GC/MS CC	01/29/08	01/29/08 12:48	080129L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	112	74-140			1,2-Dichloroethane-d4	118	74-146		
Toluene-d8	103	88-112			1,4-Bromofluorobenzene	88	74-110		

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.		Date Received:	01/25/08
1680 Rogers Avenue		Work Order No:	08-01-1769
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project 6750 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-01-1803-6	Aqueous	GC 24	01/25/08	01/26/08	080125S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	88	92	68-122	4	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.	Date Received:	01/25/08
1680 Rogers Avenue	Work Order No:	08-01-1769
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project 6750 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-01-1715-1	Aqueous	GC/MS CC	01/29/08	01/29/08	080129S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	106	88-118	1	0-7	
Carbon Tetrachloride	104	101	67-145	2	0-11	
Chlorobenzene	106	105	88-118	0	0-7	
1,2-Dibromoethane	107	109	70-130	2	0-30	
1,2-Dichlorobenzene	105	106	86-116	1	0-8	
1,1-Dichloroethene	104	101	70-130	2	0-25	
Ethylbenzene	112	110	70-130	2	0-30	
Toluene	112	111	87-123	2	0-8	
Trichloroethene	101	103	79-127	1	0-10	
Vinyl Chloride	89	89	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	103	107	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	103	121	36-168	16	0-45	
Diisopropyl Ether (DIPE)	104	105	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	106	107	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	106	72-126	3	0-12	
Ethanol	113	131	53-149	12	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	08-01-1769
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: 6750 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,398	Aqueous	GC 24	01/25/08	01/26/08	080125B03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	95	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 08-01-1769
Preparation: EPA 5030B
Method: EPA 8260B

Project: 6750 Santa Rita Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,254	Aqueous	GC/MS CC	01/29/08	01/29/08	080129L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	106	84-120	2	0-8	
Carbon Tetrachloride	103	102	63-147	1	0-10	
Chlorobenzene	105	104	89-119	1	0-7	
1,2-Dibromoethane	107	105	80-120	2	0-20	
1,2-Dichlorobenzene	105	104	89-119	1	0-9	
1,1-Dichloroethene	103	102	77-125	1	0-16	
Ethylbenzene	110	111	80-120	1	0-20	
Toluene	112	110	83-125	2	0-9	
Trichloroethene	103	101	89-119	2	0-8	
Vinyl Chloride	89	88	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	100	101	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	99	98	46-154	1	0-32	
Diisopropyl Ether (DIPE)	103	103	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	102	104	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	100	76-124	2	0-10	
Ethanol	97	98	60-138	1	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-01-1769

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

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☑ Calscience
- ☐ Other_____

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV. / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 4 6 4 7 1 1

PO #:

SAP or CRMT #:

DATE: 01/22/08

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	6750 Santa Rita Rd., Pleasanton	CA	T0600102532

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Jon Suing, Delta, Monrovia Office	626.256.6662	jsuing@deltaenv.com	080122-IW1

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:	BTS #
Michael Ninokata	408-573-0555	408-573-7771	mninokata@blainetech.com	

SAMPLER NAME(S) (Print): IAN WILLIAMS

LAB USE ONLY: 01-1769

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 Rich Garlow rgarlow@deltaenv.com with final report

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	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 (8015M)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)		Total Oil and Grease (1664A)		FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
1	MW-1	1/22/08	1154	W	5	X		X	X																TEMPERATURE ON RECEIPT C°
2	MW-2		1435		5	X		X	X																
3	MW-3		1352		5	X		X	X																
4	MW-4		1230		5	X		X	X																
5	MW-5		1115		5	X		X	X																
6	MW-6		1030		5	X		X	X																
7	MW-7		0955		5	X		X	X																

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] SAMPLE CUSTODIAN	1/22/08	1615
[signature]	[signature]	1/24/08	1507
[signature]	[signature]	1/25/08	0930

05/02/05 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 01 - 1769

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech DATE: 1/25/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.6 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: JP

SAMPLE CONDITION:

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

Initial: JP

COMMENTS: