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Alameda County
Environmental Health



Shell Oil Products US

May 8, 2008

Re: **Quarterly Monitoring Report – First Quarter 2008**
Shell-branded Service Station
4226 First Street
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, appearing to read "Denis L. Brown", with a long horizontal flourish extending to the right.

Denis L. Brown
Project Manager

May 8, 2008
DELTA Project No.SCA421211
SAP No. 135782

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

**Re: FIRST QUARTER 2008 GROUNDWATER MONITORING
REPORT
Shell-Branded Service Station
4226 First Street
Pleasanton, California**



Dear Mr. Wickham:

On behalf of Shell Oil Products (SHELL), Delta Consultants (DELTA) has prepared this *First Quarter 2008 Groundwater Monitoring Report* for the above referenced site. The sampling activities at the site were performed 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 is arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between DELTA and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of DELTA's Client and anyone else specifically listed on this report. DELTA will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, DELTA makes no express or implied warranty as to the contents of this report.

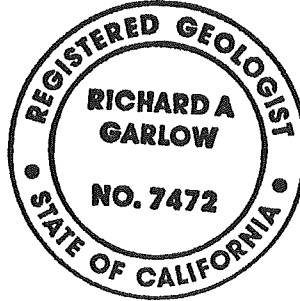
Mr. Jerry Wickham
Alameda County Health Care Services Agency
May 8, 2008
Page 2

If you have any questions regarding this site, please contact Mr. Richard Garlow (DELTA) at (408) 826-1880 or Mr. Denis Brown (SHELL) at (707) 865-0251.

Sincerely,
Delta Consultants



Richard A. Garlow, PG 7472
Project Geologist



Attachment: First Quarter 2008 Groundwater Monitoring Report

cc: Mr. Denis Brown, Shell Oil Products US

SHELL QUARTERLY STATUS REPORT

Station Address:	4226 First Street, Pleasanton, California
DELTA Project No.	SCA421211
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 Health Care Services Agency (ACHCSA) / Jerry Wickham
Other Agencies to Receive Copies:	None

WORK PERFORMED THIS QUARTER (FIRST - 2008):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Submitted *Dual-Phase Extraction Feasibility Study Workplan* dated March 12, 2008 to ACHCSA.

WORK PROPOSED FOR NEXT QUARTER (SECOND - 2008):

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. Await agency response to workplan.

Current Phase of Project:	Groundwater monitoring
Site Use:	Shell-branded Service Station
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cumulative SPH Recovered to Date :	NA
SPH Recovered This Quarter :	None
Sensitive Receptor(s) and Respective Direction(s):	The Arroyo Del Valle Creek is located approximately 1,133 feet north-west of the site. No municipal water supply wells were identified within a 1-mile radius of the site.
Site Lithology:	The site is underlain by interlayered silt, silty sand, gravelly sand and silty gravel.
Current Remediation Techniques:	Monitoring Natural Attenuation
Permits for Discharge:	None
Groundwater Recovered This Quarter:	182.10 gallons were recovered during sampling on February 19, 2008.
Approximate Depth to Groundwater:	29.70 to 31.18 feet below top of well casing, 57.21 feet below top of well casing in deeper Well MW1-B.
Groundwater Gradient:	North @ approximately 0.03 ft/ft

SHELL QUARTERLY STATUS REPORT (CONT.)

Current Agency Correspondence:	ACHCSA letter dated December 14, 2007
Date of Most Recent Work Plan Approval:	February 2, 2007
Site History:	
Case Opening	1985
Onsite Assessment	1986 - 2007
Offsite Assessment	None
Passive Remediation	Monitoring Natural Attenuation
Active Remediation	June 2007, Step Draw Down; June – August 2007, Batch Extraction
Closure	None
Summary of Unusual Activity:	None
Discussion:	

ATTACHED:

- Table 1 – Well Concentrations
- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map
- Figure 3 – Hydrocarbon Distribution in Groundwater 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
4212 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	6/16/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	371.20	37.81	333.39
MW-1	6/30/1999	89.0	5.89	<0.500	<0.500	0.652	<5.00	NA	NA	NA	NA	NA	371.20	33.65	337.55
MW-1	9/24/1999	1,560	473	<10.0	<10.0	22.8	<2.50	NA	NA	NA	NA	NA	371.20	37.04	334.16
MW-1	12/8/1999	1,020	375	<5.00	<5.00	15.2	<50.0	NA	NA	NA	NA	NA	371.20	36.79	334.41
MW-1	2/10/2000	523	106	<5.00	<5.00	31.8	2.9	NA	NA	NA	NA	NA	371.20	34.90	336.30
MW-1	5/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	37	29.5	NA	NA	NA	NA	371.20	32.55	338.65
MW-1	8/3/2000	808	290	<2.50	<2.50	8.9	<12.5	NA	NA	NA	NA	NA	371.20	39.13	332.07
MW-1	10/31/2000	507	250	0.962	<0.500	23.5	3.76	NA	NA	NA	NA	NA	371.20	37.91	333.29
MW-1	3/1/2001	<50.0	<0.500	<0.500	<0.500	<0.500	74.6	NA	NA	NA	NA	NA	371.20	39.60	331.60
MW-1	5/30/2001	780	280	<2.0	<2.0	11	NA	<2.0	NA	NA	NA	NA	371.20	39.53	331.67
MW-1	8/2/2001	1,900	580	<2.5	<2.5	12	NA	<25	NA	NA	NA	NA	371.20	39.61	331.59
MW-1	12/6/2001	840	190	<0.50	<0.50	13	NA	<5.0	NA	NA	NA	NA	371.20	39.63	331.57
MW-1	2/5/2002	2,700	650	<2.5	<2.5	7.2	NA	<25	NA	NA	NA	NA	371.20	35.53	335.67
MW-1	6/17/2002	2,500	550	<2.0	<2.0	5.9	NA	<20	NA	NA	NA	NA	371.20	39.29	331.91
MW-1	7/25/2002	690	130	<0.50	<0.50	4.4	NA	18	NA	NA	NA	NA	371.20	39.39	331.81
MW-1	11/14/2002	400	31	<0.50	<0.50	2.7	NA	27	NA	NA	NA	NA	371.20	40.00	331.20
MW-1	2/12/2003	840	0.85	<0.50	<0.50	<0.50	NA	40	NA	NA	NA	NA	371.20	32.92	338.28
MW-1	5/14/2003	680	190	<2.5	<2.5	<5.0	NA	95	NA	NA	NA	NA	371.20	32.57	338.63
MW-1	7/29/2003	870	190	<2.5	<2.5	<5.0	NA	150	NA	NA	NA	NA	371.20	33.82	337.38
MW-1	11/19/2003	<200	14	<2.0	<2.0	<4.0	NA	230	NA	NA	NA	NA	371.20	38.28	332.92
MW-1	2/19/2004	58 d	11	<0.50	<0.50	<1.0	NA	85	NA	NA	NA	NA	371.20	36.93	334.27
MW-1	5/3/2004	670	310	<2.5	<2.5	<5.0	NA	420	NA	NA	NA	NA	371.20	32.70	338.50
MW-1	8/24/2004	430 d	34	<2.5	<2.5	<5.0	NA	690	NA	NA	NA	NA	371.20	34.66	336.54
MW-1	11/15/2004	<250	29	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	371.20	38.27	332.93
MW-1	2/2/2005	540 e	87	<2.5	<2.5	<5.0	NA	700	NA	NA	NA	NA	371.20	32.02	339.18
MW-1	5/5/2005	460 e	88	<2.5	<2.5	<5.0	NA	300	NA	NA	NA	NA	371.20	36.82	334.38
MW-1	8/5/2005	910	230	<2.5	<2.5	<5.0	NA	480	NA	NA	NA	NA	371.20	33.35	337.85
MW-1	11/22/2005	1,760	27	<0.500	<0.500	1	NA	1,160	NA	NA	NA	NA	371.20	33.42	337.78

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	2/7/2006	4,620	225	<0.500	<0.500	<0.500	NA	1,480	NA	NA	NA	NA	371.20	31.63	339.57
MW-1	5/16/2006	1,100	130	<0.50	2	2	NA	1,600	NA	NA	NA	NA	371.20	31.16	340.04
MW-1	8/21/2006	2,700	86	<0.500	1	1	NA	1,960	NA	NA	NA	NA	371.20	33.07	338.13
MW-1	11/14/2006	1,400 g	30	<25	<25	<25	NA	2,100	<25	<25	<25	<1,000	371.20	33.73	337.47
MW-1	2/1/2007	800	21	<0.50	<0.50	<1.0	NA	2,300	NA	NA	NA	NA	371.20	33.02	338.18
MW-1	6/1/2007	1,400 j,k	68	<20	<20	4.4 l	NA	2,200	NA	NA	NA	NA	371.20	32.87	338.33
MW-1	8/22/2007	250 j	20	<20	<20	<20	NA	3,100	NA	NA	NA	1,500	371.20	34.64	336.56
MW-1	11/26/2007	1,800 j	33	<20	<20	<20	NA	3,100	<40	<40	<40	930	371.20	35.59	335.61
MW-1	2/19/2008	1,800 j	33	<20	<20	<20	NA	3,700	NA	NA	NA	1,700	371.20	31.05	340.15
MW-1B	9/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	371.67	76.94	294.73
MW-1B	9/28/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	21	NA	NA	NA	<20	371.67	77.15	294.52
MW-1B	11/14/2006	320 g	<5.0	<5.0	<5.0	<5.0	NA	310	<5.0	<5.0	<5.0	<200	371.67	69.38	302.29
MW-1B	2/1/2007	77	0.53	<0.50	<0.50	<1.0	NA	150	NA	NA	NA	NA	371.67	60.92	310.75
MW-1B	6/1/2007	<50 j,k	0.25 l	<1.0	<1.0	<1.0	NA	74	NA	NA	NA	NA	371.67	61.07	310.60
MW-1B	8/22/2007	<50 j	0.25 l	<1.0	<1.0	<1.0	NA	35	NA	NA	NA	7.1 l	371.67	77.54	294.13
MW-1B	11/26/2007	<50 j	<0.50	<1.0	<1.0	<1.0	NA	1.7	<2.0	<2.0	<2.0	<10	371.67	68.50	303.17
MW-1B	2/19/2008	65 j	2.6	4.2	<1.0	1.1	NA	58	NA	NA	NA	<10	371.67	57.21	314.46
MW-2	2/3/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	372.40	32.65	339.75
MW-2	2/7/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	372.40	35.51	336.89
MW-2	2/10/2000	<50.0	<0.500	<0.500	<0.500	<0.500	2.61	NA	NA	NA	NA	NA	372.40	36.62	335.78
MW-2	5/17/2000	120	4.09	<0.500	<0.500	<0.500	29	NA	NA	NA	NA	NA	372.40	32.14	340.26
MW-2	8/3/2000	<50.0	0.692	<0.500	<0.500	<0.500	40.5	36.6b	NA	NA	NA	NA	372.40	32.42	339.98
MW-2	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.4	44.8c	NA	NA	NA	NA	372.40	33.02	339.38
MW-2	3/1/2001	173	1.64	1.65	2.86	3.97	127	167	NA	NA	NA	NA	372.40	32.54	339.86
MW-2	5/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	372.40	32.42	339.98
MW-2	8/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	160	NA	NA	NA	NA	372.40	32.55	339.85

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MW-2	12/6/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	372.40	33.15	339.25
MW-2	2/5/2002	<50	0.72	<0.50	<0.50	1.7	NA	170	NA	NA	NA	NA	372.40	32.29	340.11
MW-2	6/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	260	NA	NA	NA	NA	372.40	32.63	339.77
MW-2	7/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	372.40	32.80	339.60
MW-2	11/14/2002	120	13	9	3.8	14	NA	430	NA	NA	NA	NA	372.40	33.31	339.09
MW-2	2/12/2003	<100	<1.0	<1.0	<1.0	<1.0	NA	430	NA	NA	NA	NA	372.40	32.15	340.25
MW-2	5/14/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	372.40	32.01	340.39
MW-2	7/29/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	670	NA	NA	NA	NA	372.40	32.51	339.89
MW-2	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	54	NA	NA	NA	NA	372.40	33.83	338.57
MW-2	2/19/2004	65	<0.50	3.4	1.4	6.5	NA	8.2	NA	NA	NA	NA	372.40	32.68	339.72
MW-2	5/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	5.2	NA	NA	NA	NA	372.40	32.07	340.33
MW-2	8/24/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.7	NA	NA	NA	NA	372.40	32.44	339.96
MW-2	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	1.3	NA	NA	NA	NA	372.40	32.95	339.45
MW-2	2/2/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	372.40	31.94	340.46
MW-2	5/5/2005	72 f	<0.50	<0.50	<0.50	<1.0	NA	4.9	NA	NA	NA	NA	372.40	31.91	340.49
MW-2	8/5/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	372.40	32.15	340.25
MW-2	11/22/2005	840	1	<0.500	<0.500	1	NA	556	NA	NA	NA	NA	372.40	32.31	340.09
MW-2	2/7/2006	3,550	<0.500	<0.500	<0.500	<0.500	NA	2,500	NA	NA	NA	NA	372.40	31.70	340.70
MW-2	5/16/2006	1,400	<5.0	<5.0	<5.0	<10	NA	1,700	NA	NA	NA	NA	372.40	31.38	341.02
MW-2	8/21/2006	1,910	<0.500	<0.500	<0.500	<0.500	NA	2,590	NA	NA	NA	NA	372.40	33.29	339.11
MW-2	11/14/2006	2,300 g	<25	<25	<25	<25	NA	2,500	<25	<25	<25	<1,000	372.40	32.67	339.73
MW-2	2/1/2007	670	<0.50	<0.50	<0.50	<1.0	NA	2,000	NA	NA	NA	NA	372.40	32.13	340.27
MW-2	6/1/2007	500 j,k	<10	<20	<20	<20	NA	2,000	NA	NA	NA	NA	372.40	32.14	340.26
MW-2	8/22/2007	100 j,k	<10	<20	<20	<20	NA	2,400	NA	NA	NA	120 l	372.40	32.93	339.47
MW-2	11/26/2007	1,600 j,k	<10	<20	<20	<20	NA	2,900	<40	<40	<40	<200	372.40	33.44	338.96
MW-2	2/19/2008	1,300 j,k	<10	<20	<20	<20	NA	3,300	NA	NA	NA	<200	372.40	31.18	341.22
MW-3	2/3/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	375.05	32.06	342.99

TABLE 1
WELL CONCENTRATIONS
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Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	2/7/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	375.05	32.57	342.48
MW-3	2/10/2000	180	5.12	<0.500	<0.500	0.714	26.8	21.5a	NA	NA	NA	NA	375.05	32.77	342.28
MW-3	5/17/2000	1,360	414	<5.00	<5.00	17.6	<25.0	NA	NA	NA	NA	NA	375.05	31.00	344.05
MW-3	8/3/2000	<50.0	0.536	<0.500	<0.500	<0.500	22	NA	NA	NA	NA	NA	375.05	31.03	344.02
MW-3	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	31.1	NA	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	3/1/2001	384	172	0.815	<0.500	8	5.16	NA	NA	NA	NA	NA	375.05	31.21	343.84
MW-3	5/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	375.05	31.02	344.03
MW-3	8/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	93	NA	NA	NA	NA	375.05	30.94	344.11
MW-3	12/6/2001	110	<0.50	<0.50	<0.50	2.3	NA	180	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	2/5/2002	<50	0.89	0.6	<0.50	2.1	NA	130	NA	NA	NA	NA	375.05	31.12	343.93
MW-3	6/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	72	NA	NA	NA	NA	375.05	31.21	343.84
MW-3	7/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	81	NA	NA	NA	NA	375.05	30.96	344.09
MW-3	11/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	60	NA	NA	NA	NA	375.05	31.44	343.61
MW-3	2/12/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	43	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	5/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	375.05	31.20	343.85
MW-3	7/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	NA	375.05	31.29	343.76
MW-3	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	8.2	NA	NA	NA	NA	375.05	31.86	343.19
MW-3	2/19/2004	81	0.67	4.4	1.8	8.6	NA	13	NA	NA	NA	NA	375.05	31.66	343.39
MW-3	5/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	NA	375.05	31.72	343.33
MW-3	8/24/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	10	NA	NA	NA	NA	375.05	32.09	342.96
MW-3	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	6.6	NA	NA	NA	NA	375.05	31.50	343.55
MW-3	2/2/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	3.1	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	5/5/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.3	NA	NA	NA	NA	375.05	31.42	343.63
MW-3	8/5/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	NA	375.05	31.35	343.70
MW-3	11/22/2005	<50	<0.500	<0.500	<0.500	<0.500	NA	3.84	NA	NA	NA	NA	375.05	31.98	343.07
MW-3	2/7/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	375.05	31.24	343.81
MW-3	5/16/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	4.5	NA	NA	NA	NA	375.05	31.37	343.68
MW-3	8/21/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	4.04	NA	NA	NA	NA	375.05	31.95	343.10

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
4212 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	11/14/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	3.8	<0.50	<0.50	<0.50	<20	375.05	32.24	342.81
MW-3	2/1/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	2.8	NA	NA	NA	NA	375.05	32.17	342.88
MW-3	6/1/2007	<50 j	<0.50	<1.0	<1.0	<1.0	NA	3.1	NA	NA	NA	NA	375.05	31.86	343.19
MW-3	8/22/2007	<50 j	<0.50	<1.0	<1.0	<1.0	NA	4.6	NA	NA	NA	<10	375.05	32.18	342.87
MW-3	11/26/2007	<50 j	<0.50	<1.0	<1.0	<1.0	NA	3.5	<2.0	<2.0	<2.0	<10	375.05	32.69	342.36
MW-3	2/19/2008	<50 j	<0.50	1.2	<1.0	<1.0	NA	2.6	NA	NA	NA	<10	375.05	30.94	344.11
MW-4	9/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	372.78	31.58	341.20
MW-4	9/28/2006	11,000	<250	<250	<250	<250	NA	13,000	NA	NA	NA	<10,000	372.78	31.57	341.21
MW-4	11/14/2006	30,000	<250	<250	<250	<250 h,i	NA	14,000	<250	<250	<250	<10,000	372.78	32.11	340.67
MW-4	2/1/2007	6,300	50	<5.0	19	120	NA	14,000	NA	NA	NA	NA	372.78	33.23	339.55
MW-4	6/1/2007	8,200 j	52	<25	26	150	NA	11,000	NA	NA	NA	NA	372.78	31.57	341.21
MW-4	8/22/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	372.78	33.40	339.38
MW-4	11/26/2007	12,000 j	71	<100	<100	<100	NA	20,000	<200	<200	<200	<1,000	372.78	34.74	338.04
MW-4	2/19/2008	13,000 j	<100	<200	<200	<200	NA	18,000	NA	NA	NA	2,900	372.78	29.70	343.08
TB-1	2/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-1	2/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.54	NA
TB-1	5/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	12.31	NA
TB-2	2/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-2	2/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.56	NA
TB-2	5/14/2003	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.54	NA
TB-3	2/12/2003	Well dry		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	2/28/2003	Well dry		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	5/14/2003	Well dry		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
4212 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
TB-4	2/12/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	2/28/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	5/14/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

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

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

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

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

TOC = Top of Casing Elevation

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
4212 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------

Notes:

a = Sample was analyzed outside of the EPA recommended holding time.

b = Concentration is an estimate value above the linear quantitation range.

c = The result reported was generated out of time. The sample was originally run within hold time, but needed to be re-analyzed.

d = Sample contains discrete peak in addition to gasoline.

e = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

f = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

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

h = Sample was originally analyzed with a positive result, however the reanalysis did not confirm the presence of the analyte.

i = Confirmatory analysis was past holding time.

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

k = 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.

l = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

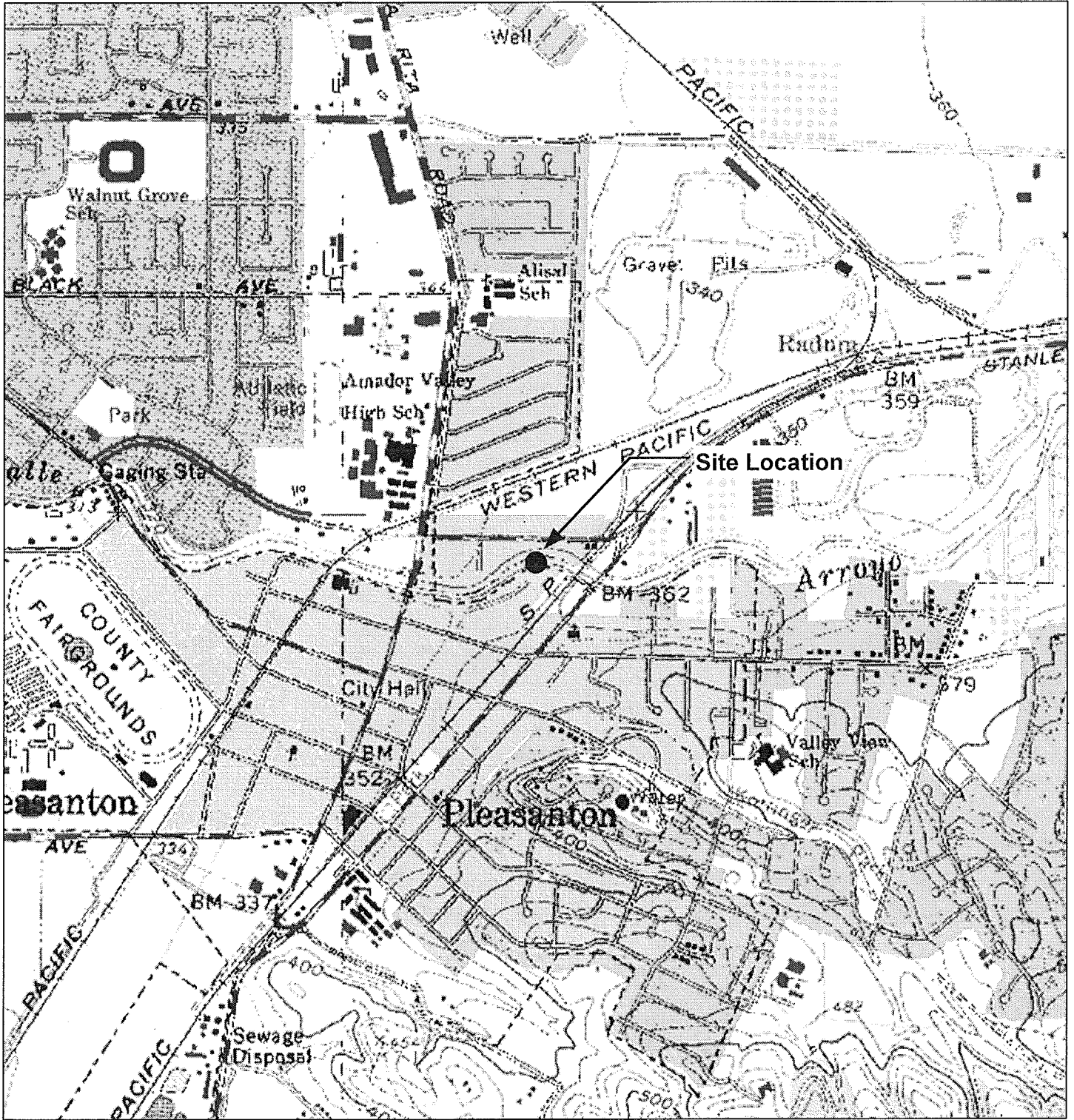
Well MW-1 surveyed on May 4, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on March 19, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.

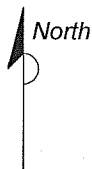
Site surveyed on January 15, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

3Q06 survey data for wells MW-1B and MW-4 provided by Delta Environmental Consultants, Inc. of San Jose, CA.

FIGURES



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



QUADRANGLE LOCATION

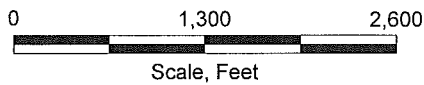


FIGURE 1
 SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
 4226 First Street
 Pleasanton, California

PROJECT NO. SCA421211	DRAWN BY V. F. 5/5/05
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY

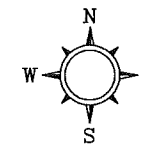
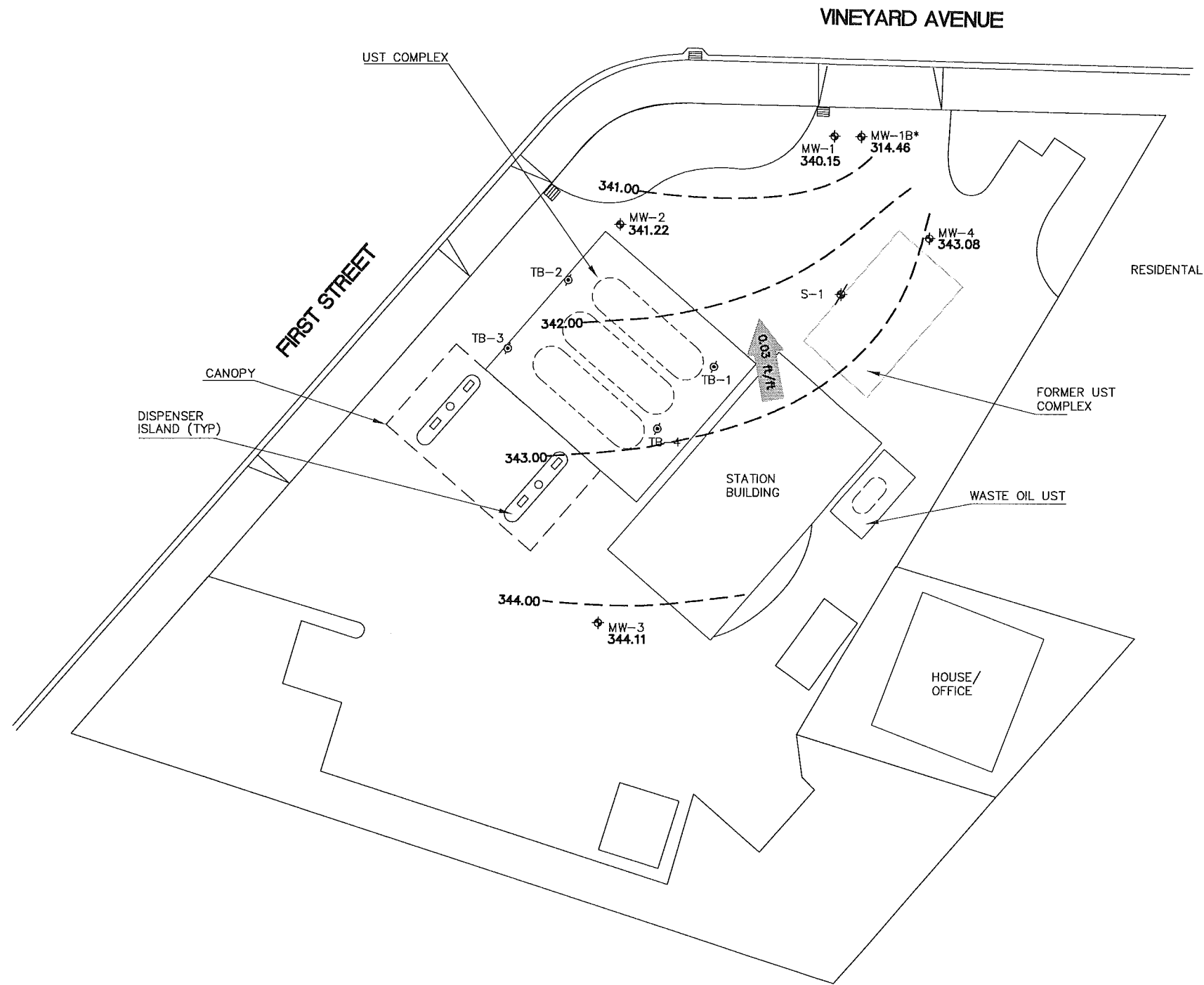


PROJECT NUMBER
SCA421211

APPROVED BY

CHECKED BY

DRAWN BY
J.F.F.
03/18/08



LEGEND

- MW-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- S-1 DESTROYED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- TB-1 ABANDONED TANK BACKFILL WELL LOCATION
- 343.08 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
- 344.00 GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=1.0 FEET
- MW-1B* MONITORS DEEPER WATER BEARING ZONE; NOT USED USED IN CONTOURING
- 0.03 ft/r APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)



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

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP
02/19/08
4226 FIRST STREET
PLEASANTON, CALIFORNIA

FILENAME: SCA4212F1_08Q1.DWG|FIG2_GWCONTOURS

PROJECT NUMBER
SCA421211

APPROVED BY

CHECKED BY

DRAWN BY
03/18/08
J.F.F.

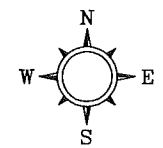


MW-1					MW-1B				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)	DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
02/19/08	1,800 j	33	3,700	1,700	02/19/08	65 j	2.6	58	ND<10

MW-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
02/19/08	1,300 k	ND<10	3,300	ND<200

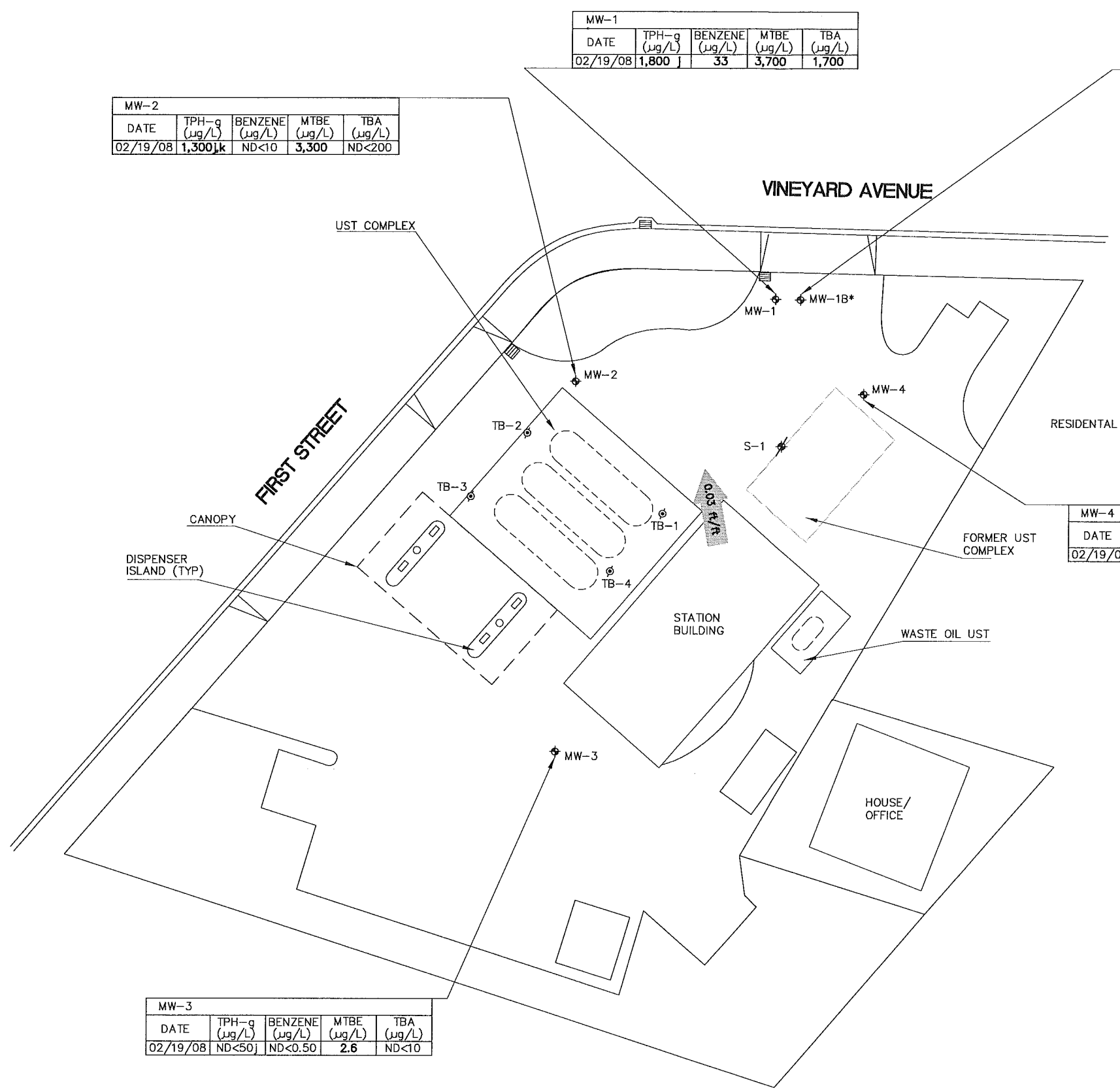
MW-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
02/19/08	13,000 j	ND<100	18,000	2,900

MW-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
02/19/08	ND<50 j	ND<0.50	2.6	ND<10



LEGEND

- MW-1 ⬦ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- S-1 ✖ DESTROYED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- TB-1 ⊕ ABANDONED TANK BACKFILL WELL LOCATION
- 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
- MW-1B* MONITORS DEEPER WATER BEARING ZONE
- ← 0.03 ft/ft APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
- k 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
- j ANALYZED BY EPA METHOD 8015B (M)



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

FIGURE 3
GROUNDWATER HYDROCARBON
DISTRIBUTION MAP
02/19/08
4226 FIRST STREET
PLEASANTON, CALIFORNIA

APPENDIX A

FIELD DATA SHEETS

APPENDIX A

FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 4212 ~~10~~ 1st St. PLEASANTON, CA Date 02/19/08

Job Number 080219-WW1 Technician WW 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-1B	X	X						X	NO TAG
Mw-2	X	X							
Mw-3	X	X							
Mw-4	X	X						X	NO TAG

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

Notes: _____

WELL GAUGING DATA

Project # 880219-WWI Date 02/19/08 Client SHELL

Site 4212 1st St. PLEASANTON, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0808	2					31.05	57.17	↓	2HR
MW-1B	0812	4				57.21	107.92	2HR DEEP 102'		
MW-2	0805	4				31.18	45.80	2HR		
MW-3	0802	4				30.94	34.38	2HR		
MW-4	0816	4	odor			29.70	46.66	1HR		

8

SHELL WELL MONITORING DATA SHEET

BTS #: 080219-ww1	Site: 98995840
Sampler: ww	Date: 02/19/08
Well I.D.: MW-1	Well Diameter: 3 4 6 8
Total Well Depth (TD): 57.17	Depth to Water (DTW): 31.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: EVO Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 36.27	

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

4.2 (Gals.) X 3 = 12.6 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	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0945	61.7	7.2	1483	69	4.2	odor
0950	65.0	6.7	1511	41	8.4	"
0955	63.6	6.7	1590	25	12.6	"

Did well dewater? Yes No Gallons actually evacuated: 12.6

Sampling Date: 02/19/08 Sampling Time: 1128 Depth to Water: 35.87

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

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

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 #: 080219-MW1	Site: 9 8995840
Sampler: MW	Date: 02/19/08
Well I.D.: MW-1B	Well Diameter: 3 4 6 8
Total Well Depth (TD): 107.92	Depth to Water (DTW): 57.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): STL HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 67.35	

Purge Method: Bailer Waterra Sampling Method: ~~Bailer~~
 Disposable Bailer Peristaltic Disposable Bailer
~~Positive Air Displacement~~ Extraction Pump Extraction Port
 33.0 ~~Electric Submersible~~ Other: _____ Dedicated Tubing
 99.0 ~~Other~~ Other: _____

8.1 (Gals.) X 3 = 24.3 Gals.
 1 Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0841	64.6	7.8	968	448	33	
0847	65.0	7.8	963	193	66	
0852	63.6	7.7	964	144	99	

Did well dewater? Yes ~~No~~ Gallons actually evacuated: 99

Sampling Date: 02/19/08 Sampling Time: 0855 Depth to Water: 57.67

Sample I.D.: MW-1B Laboratory: STL Other: CAL SCIENCE

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

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 #: 680219-WW1	Site: 98995840
Sampler: WW	Date: 02/19/08
Well I.D.: MW-2	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): 45.30	Depth to Water (DTW): 31.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>EVG</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.10	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Waterra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

$$\frac{9.5 \text{ (Gals.)} \times 3 \text{ Specified Volumes}}{1 \text{ Case Volume}} = 28.5 \text{ Gals. Calculated Volume}$$

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

	Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
15	0921	61.8	6.8	1114	20	9.5	odor
45	0922	65.0	6.8	965	44	19	"
15	0924	66.3	6.8	1018	22	28.5	

Did well dewater? Yes No

Gallons actually evacuated: 28.5

Sampling Date: 02/19/08 Sampling Time: 1124 Depth to Water: 39.83 244

Sample I.D.: MW-2 Laboratory: STL Other: CAL SCIENCE

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

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 #: 080219-WM	Site: 98995840
Sampler: MW	Date: 02/19/08
Well I.D.: MW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 34.58	Depth to Water (DTW): 30.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.87	

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

3.0 (Gals.) X 3 = 9.0 Gals.
 I Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0906	61.8	7.6	958	168	3	
0907	63.4	7.1	794	53	6	
0908	65.0	7.0	759	19	9	

Did well dewater? Yes No Gallons actually evacuated: 9

Sampling Date: 02/19/08 Sampling Time: 0913 Depth to Water: 31.58

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: <u>080219-MW1</u>		Site: <u>98995840</u>	
Sampler: <u>WW</u>		Date: <u>02/19/08</u>	
Well I.D.: <u>MW-4</u>		Well Diameter: 2 3 <u>4</u> 6 8 _____	
Total Well Depth (TD): <u>46.66</u>		Depth to Water (DTW): <u>29.70</u>	
Depth to Free Product:		Thickness of Free Product (feet):	
Referenced to: <u>(VC)</u> Grade	D.O. Meter (if req'd): YSI HACH		
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>33.09</u>			

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

Other: _____

$11.0 \text{ (Gals.)} \times 3 = 33 \text{ Gals.}$ <p>I 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>radius² * 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 ² * 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 ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1012	64.7	7.0	888	73	11	order
1013	66.7	6.8	846	96	22	"
1015	67.0	7.0	845	129	33	"

Did well dewater? Yes No Gallons actually evacuated: 33

Sampling Date: 02/19/08 Sampling Time: 1058 Depth to Water: 31.02

Sample I.D.: MW-4 Laboratory: STL Other CALSCIENCE

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.

GROUNDWATER SAMPLING SPECIALISTS

SINCE 1985

March 12, 2008

Denis Brown
Shell Oil Products US
2095 South Wilmington Avenue
Carson, CA 90810

First Quarter 2008 Groundwater Monitoring at
Shell-branded Service Station
4212 First Street
Pleasanton, CA

Monitoring performed on February 19, 2008

Groundwater Monitoring Report **080219-WW-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. Purge water (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ju

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

cc: Rich Garlow
Delta Environmental
175 Bernal Rd., Suite 200
San Jose, CA 95119

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 dewateres and does not immediately recharge.

MEASURING RECHARGE

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

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

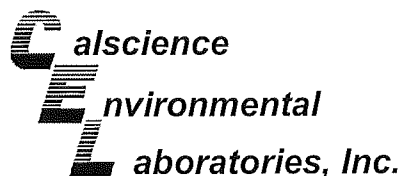
All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

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



February 29, 2008

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

Subject: **Calscience Work Order No.: 08-02-1443**
Client Reference: **4212 First St., Pleasanton, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/20/2008 and analyzed in accordance with the attached chain-of-custody.

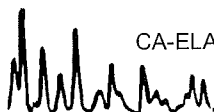
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows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

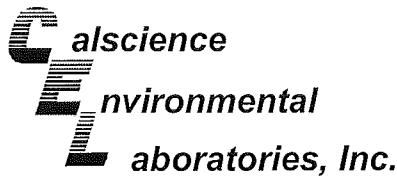
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Jessie Kim".

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager





Analytical Report



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

Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 4212 First St., Pleasanton, CA

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	08-02-1443-1-D	02/19/08 11:28	Aqueous	GC 30	02/21/08	02/21/08 21:47	080221B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1800	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	94	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1B	08-02-1443-2-D	02/19/08 08:55	Aqueous	GC 30	02/21/08	02/21/08 22:20	080221B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	65	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	83	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	08-02-1443-3-D	02/19/08 11:24	Aqueous	GC 30	02/21/08	02/21/08 22:54	080221B02

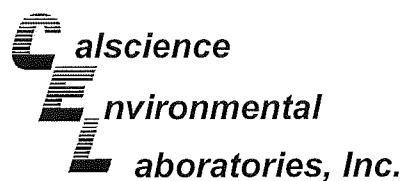
Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1300	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	90	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	08-02-1443-4-D	02/19/08 09:13	Aqueous	GC 30	02/21/08	02/21/08 23:28	080221B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	82	38-134			

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



Analytical Report



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

Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 4212 First St., Pleasanton, CA

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-02-1443-5-E	02/19/08 10:58	Aqueous	GC 30	02/22/08	02/22/08 12:14	080221B03

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	13000	1000	20		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	90	38-134			

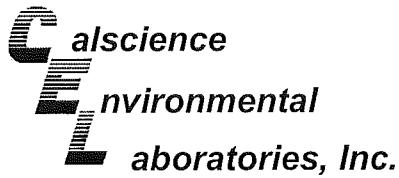
Method Blank	099-12-436-1,511	N/A	Aqueous	GC 30	02/21/08	02/21/08 09:27	080221B02
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	99	38-134			

Method Blank	099-12-436-1,512	N/A	Aqueous	GC 30	02/21/08	02/22/08 01:42	080221B03
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	84	38-134			

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



Analytical Report



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

Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 4212 First St., Pleasanton, CA

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	08-02-1443-1-A	02/19/08 11:28	Aqueous	GC/MS CC	02/27/08	02/27/08 16:25	080227L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	33	10	20		o-Xylene	ND	20	20	
Ethylbenzene	ND	20	20		Methyl-t-Butyl Ether (MTBE)	3700	20	20	
Toluene	ND	20	20		Tert-Butyl Alcohol (TBA)	1700	200	20	
p/m-Xylene	ND	20	20						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	125	74-140			1,2-Dichloroethane-d4	135	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	89	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1B	08-02-1443-2-A	02/19/08 08:55	Aqueous	GC/MS CC	02/27/08	02/27/08 16:54	080227L01

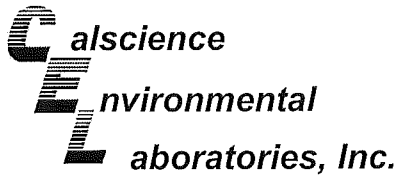
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2.6	0.50	1		o-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	58	1.0	1	
Toluene	4.2	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
p/m-Xylene	1.1	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	126	74-140			1,2-Dichloroethane-d4	137	74-146		
Toluene-d8	99	88-112			1,4-Bromofluorobenzene	92	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	08-02-1443-3-A	02/19/08 11:24	Aqueous	GC/MS CC	02/27/08	02/27/08 17:23	080227L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	10	20		o-Xylene	ND	20	20	
Ethylbenzene	ND	20	20		Methyl-t-Butyl Ether (MTBE)	3300	20	20	
Toluene	ND	20	20		Tert-Butyl Alcohol (TBA)	ND	200	20	
p/m-Xylene	ND	20	20						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	128	74-140			1,2-Dichloroethane-d4	141	74-146		
Toluene-d8	102	88-112			1,4-Bromofluorobenzene	88	74-110		

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





Analytical Report



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

Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 4212 First St., Pleasanton, CA

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	08-02-1443-4-A	02/19/08 09:13	Aqueous	GC/MS CC	02/27/08	02/28/08 02:00	080227L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		o-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	2.6	1.0	1	
Toluene	1.2	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
p/m-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	133	74-140			1,2-Dichloroethane-d4	146	74-146		
Toluene-d8	99	88-112			1,4-Bromofluorobenzene	85	74-110		

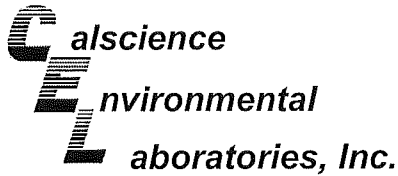
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	08-02-1443-5-C	02/19/08 10:58	Aqueous	GC/MS CC	02/28/08	02/28/08 16:28	080228L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	100	200		o-Xylene	ND	200	200	
Ethylbenzene	ND	200	200		Methyl-t-Butyl Ether (MTBE)	18000	200	200	
Toluene	ND	200	200		Tert-Butyl Alcohol (TBA)	2900	2000	200	
p/m-Xylene	ND	200	200						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	126	74-140			1,2-Dichloroethane-d4	136	74-146		
Toluene-d8	103	88-112			1,4-Bromofluorobenzene	90	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-24,591	N/A	Aqueous	GC/MS CC	02/27/08	02/27/08 12:33	080227L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		o-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
p/m-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	117	74-140			1,2-Dichloroethane-d4	126	74-146		
Toluene-d8	103	88-112			1,4-Bromofluorobenzene	89	74-110		

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



Analytical Report



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

Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: 4212 First St., Pleasanton, CA

Page 3 of 3

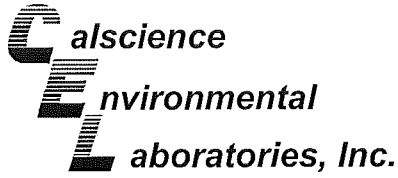
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-24,603	N/A	Aqueous	GC/MS CC	02/27/08	02/28/08 00:05	080227L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		o-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
p/m-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	126	74-140			1,2-Dichloroethane-d4	133	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	85	74-110		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-24,615	N/A	Aqueous	GC/MS CC	02/28/08	02/28/08 13:07	080228L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		o-Xylene	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
p/m-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	126	74-140			1,2-Dichloroethane-d4	135	74-146		
Toluene-d8	104	88-112			1,4-Bromofluorobenzene	87	74-110		

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



Quality Control - Spike/Spike Duplicate



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

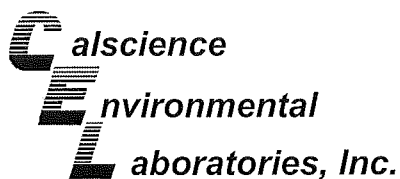
Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1524-1	Aqueous	GC 30	02/21/08	02/21/08	080221S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	110	103	68-122	7	0-18	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

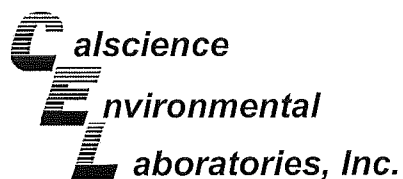
Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1507-1	Aqueous	GC 30	02/21/08	02/22/08	080221S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	105	109	68-122	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

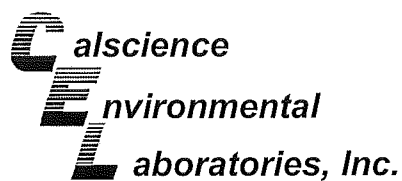
Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1495-3	Aqueous	GC/MS CC	02/27/08	02/27/08	080227S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	101	88-118	1	0-7	
Carbon Tetrachloride	102	103	67-145	1	0-11	
Chlorobenzene	104	103	88-118	1	0-7	
1,2-Dibromoethane	108	107	70-130	1	0-30	
1,2-Dichlorobenzene	105	107	86-116	1	0-8	
1,1-Dichloroethene	93	92	70-130	1	0-25	
Ethylbenzene	107	107	70-130	1	0-30	
Toluene	109	107	87-123	2	0-8	
Trichloroethene	100	100	79-127	0	0-10	
Vinyl Chloride	108	109	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	105	112	71-131	6	0-13	
Tert-Butyl Alcohol (TBA)	123	147	36-168	18	0-45	
Diisopropyl Ether (DIPE)	97	98	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	106	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	105	72-126	1	0-12	
Ethanol	129	133	53-149	3	0-31	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

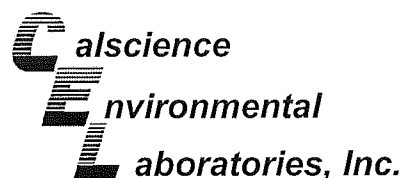
Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1445-1	Aqueous	GC/MS CC	02/27/08	02/28/08	080227S02

<u>Parameter</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	103	101	88-118	2	0-7	
Carbon Tetrachloride	103	103	67-145	0	0-11	
Chlorobenzene	103	101	88-118	2	0-7	
1,2-Dibromoethane	107	106	70-130	1	0-30	
1,2-Dichlorobenzene	109	106	86-116	3	0-8	
1,1-Dichloroethene	91	94	70-130	3	0-25	
Ethylbenzene	106	106	70-130	0	0-30	
Toluene	109	108	87-123	1	0-8	
Trichloroethene	100	100	79-127	0	0-10	
Vinyl Chloride	109	110	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	78	89	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	120	124	36-168	3	0-45	
Diisopropyl Ether (DIPE)	97	99	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	99	103	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	102	72-126	3	0-12	
Ethanol	107	113	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

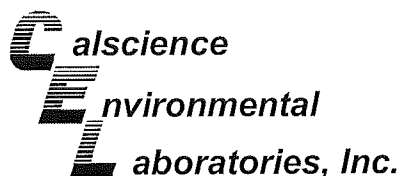
Date Received: 02/20/08
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1437-2	Aqueous	GC/MS CC	02/28/08	02/28/08	080228S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	110	110	88-118	0	0-7	
Carbon Tetrachloride	113	109	67-145	4	0-11	
Chlorobenzene	108	111	88-118	2	0-7	
1,2-Dibromoethane	112	115	70-130	2	0-30	
1,2-Dichlorobenzene	110	111	86-116	1	0-8	
1,1-Dichloroethene	106	106	70-130	0	0-25	
Ethylbenzene	113	115	70-130	2	0-30	
Toluene	117	114	87-123	2	0-8	
Trichloroethene	107	109	79-127	1	0-10	
Vinyl Chloride	96	98	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	110	114	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	124	128	36-168	4	0-45	
Diisopropyl Ether (DIPE)	104	107	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	106	111	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	108	72-126	1	0-12	
Ethanol	118	125	53-149	6	0-31	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

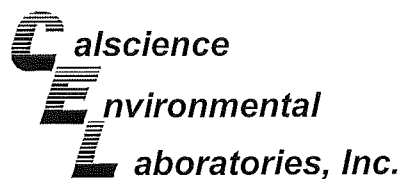
Date Received: N/A
 Work Order No: 08-02-1443
 Preparation: EPA 5030B
 Method: EPA 8015B (M)

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,511	Aqueous	GC 30	02/21/08	02/21/08	080221B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	108	113	78-120	4	0-10	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

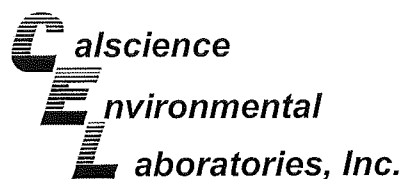
Date Received: N/A
 Work Order No: 08-02-1443
 Preparation: EPA 5030B
 Method: EPA 8015B (M)

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,512	Aqueous	GC 30	02/21/08	02/22/08	080221B03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	104	106	78-120	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

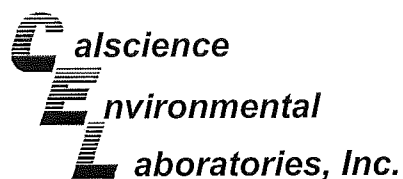
Date Received: N/A
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,591	Aqueous	GC/MS CC	02/27/08	02/27/08	080227L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	102	84-120	1	0-8	
Carbon Tetrachloride	101	100	63-147	0	0-10	
Chlorobenzene	101	102	89-119	1	0-7	
1,2-Dibromoethane	101	103	80-120	2	0-20	
1,2-Dichlorobenzene	104	107	89-119	3	0-9	
1,1-Dichloroethene	94	94	77-125	0	0-16	
Ethylbenzene	105	107	80-120	2	0-20	
Toluene	106	106	83-125	0	0-9	
Trichloroethene	99	100	89-119	1	0-8	
Vinyl Chloride	108	108	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	101	104	82-118	3	0-13	
Tert-Butyl Alcohol (TBA)	116	120	46-154	3	0-32	
Diisopropyl Ether (DIPE)	96	98	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	99	101	74-122	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	100	76-124	2	0-10	
Ethanol	116	113	60-138	3	0-32	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

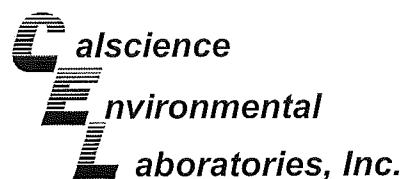
Date Received: N/A
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,603	Aqueous	GC/MS CC	02/27/08	02/27/08	080227L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	104	84-120	2	0-8	
Carbon Tetrachloride	105	103	63-147	2	0-10	
Chlorobenzene	105	103	89-119	2	0-7	
1,2-Dibromoethane	106	102	80-120	3	0-20	
1,2-Dichlorobenzene	106	109	89-119	2	0-9	
1,1-Dichloroethene	97	96	77-125	1	0-16	
Ethylbenzene	109	108	80-120	1	0-20	
Toluene	109	109	83-125	0	0-9	
Trichloroethene	101	102	89-119	1	0-8	
Vinyl Chloride	112	113	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	99	100	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	102	107	46-154	5	0-32	
Diisopropyl Ether (DIPE)	96	97	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	96	100	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	99	76-124	4	0-10	
Ethanol	114	109	60-138	5	0-32	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

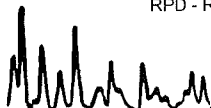
Date Received: N/A
Work Order No: 08-02-1443
Preparation: EPA 5030B
Method: EPA 8260B

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,615	Aqueous	GC/MS CC	02/28/08	02/28/08	080228L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	110	110	84-120	0	0-8	
Carbon Tetrachloride	109	108	63-147	1	0-10	
Chlorobenzene	108	107	89-119	1	0-7	
1,2-Dibromoethane	107	108	80-120	1	0-20	
1,2-Dichlorobenzene	109	111	89-119	1	0-9	
1,1-Dichloroethene	106	105	77-125	1	0-16	
Ethylbenzene	115	113	80-120	2	0-20	
Toluene	114	117	83-125	3	0-9	
Trichloroethene	107	108	89-119	1	0-8	
Vinyl Chloride	98	98	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	104	110	82-118	6	0-13	
Tert-Butyl Alcohol (TBA)	113	117	46-154	4	0-32	
Diisopropyl Ether (DIPE)	104	105	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	105	109	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	107	76-124	5	0-10	
Ethanol	117	122	60-138	4	0-32	

RPD - Relative Percent Difference, CL - Control Limit



Work Order Number: 08-02-1443

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



LAB (LOCATION)

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



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

- ENV. SERVICES
- MOTIVA RETAIL
- SHELL RETAIL
- MOTIVA SD&CM
- CONSULTANT
- LUBES
- SHELL PIPELINE
- OTHER _____

Print Bill To Contact Name:

Denis Brown

INCIDENT # (ENV SERVICES)

9 8 9 9 5 8 4 0

CHECK IF NO INCIDENT # APPLIES

DATE: 02/19/08

PO #

SAP #

PAGE: 1 of 1

SAMPLING COMPANY: **Bialne Tech Services**
 ADDRESS: **1680 Rogers Ave, San Jose, CA 95112**
 PROJECT CONTACT (Hardcopy or PDF Report to): **Michael Ninokata**
 TELEPHONE: **(408)573-0555** FAX: **(408)573-7771** E-MAIL: **mnnokata@bialnetech.com**

LOG CODE: **BTSS**

SITE ADDRESS: Street and City: **4212 First St, Pleasanton** State: **CA** GLOBAL ID NO.: **T0600101259**

EDF DELIVERABLE TO (Name, Company, Office Location): **Jon Suing, Delta, Monrovia Office** PHONE NO.: **626.256.6662** E-MAIL: **jsuing@deltaenv.com** CONSULTANT PROJECT NO.: **080219-MW1**

SAMPLER NAME(S) (Print): **WILLIAM WONG** LAB USE ONLY: **02-1443**

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

LA - RWQCB REPORT FORMAT UST AGENCY:

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

SHELL CONTRACT RATE APPLIES
 STATE REIMBURSEMENT RATE APPLIES
 EDD NOT NEEDED
 RECEIPT VERIFICATION REQUESTED

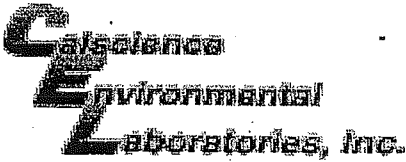
REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	TEMPERATURE ON RECEIPT °C										Container PID Readings or Laboratory Notes						
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)		EDB (8260B)	Ethanol (8260B)	Methanol (8015M)			
	1 MW-1	02/19/08	1128	W	5					5	X	X	X	X													
	2 MW-1B	2/19/08	0855								X	X	X	X													
	3 MW-2		1124								X	X	X	X													
	4 MW-3		0913								X	X	X	X													
	5 MW-4		1058								X	X	X	X													

Relinquished by: (Signature)	Received by: (Signature)	Date: 02/19/08	Time: 1637
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/19/08	Time: 1800
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/20/08	Time: 1155

508963337

05/2006 Revision



WORK ORDER #: 08 - 02 - 1443

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech

DATE: 2/20/08

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):

- 3.9 °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Present: [check]

Initial: JP

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: JP

COMMENTS:

Blank lines for handwritten comments.